

Zhongmin Su

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3996021/publications.pdf>

Version: 2024-02-01

1,247
papers

51,132
citations

2101

100
h-index

5394

164
g-index

1275
all docs

1275
docs citations

1275
times ranked

30719
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational design of an AIE-active metal-organic framework for highly sensitive and portable sensing nitroaromatic explosives. <i>Chinese Chemical Letters</i> , 2023, 34, 107291.	9.0	2
2	A Pore-Forming Strategy Toward Porous Carbon-Based Substrates for High Performance Flexible Lithium Metal Full Batteries. <i>Energy and Environmental Materials</i> , 2023, 6, .	12.8	8
3	Novel acetylene-terminated thermosetting polyisoimides with excellent solubility and performed as efficient heat shields composites. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51559.	2.6	3
4	CO ₂ electroreduction performance of transition metals supported on g-C(CN) ₃ monolayer with specific TMN ₃ active sites. <i>Applied Surface Science</i> , 2022, 573, 151544.	6.1	5
5	Ammonium polyphosphate induced bimetallic phosphides nanoparticles coated with porous N-doped carbon for efficiently electrochemical hydrogen evolution. <i>Chemical Engineering Journal</i> , 2022, 431, 133696.	12.7	11
6	The second-order NLO and TADF properties of a donor-acceptor dihydropyrene-cyclophanediene system: the impact of molecular architecture and polarizable environment. <i>Journal of Materials Chemistry C</i> , 2022, 10, 886-898.	5.5	10
7	Metal-free C ₅ N ₂ doped with a boron atom as an efficient electrocatalyst for the nitrogen reduction reaction. <i>New Journal of Chemistry</i> , 2022, 46, 2282-2289.	2.8	6
8	Single-atom catalysts on supported silicomolybdc acid for CO ₂ electroreduction: a DFT prediction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 6178-6186.	10.3	25
9	Polymers and polyoxometalate induced Co/WC@NC for electrocatalytic hydrogen production. <i>Journal of Solid State Chemistry</i> , 2022, 308, 122879.	2.9	6
10	Axially Chiral Dodecanuclear Lanthanide Clusters Constructed by Bottom-Up Self-Assembly for Enantioselective Sensing. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1165-1170.	4.9	5
11	Computational evaluation of FeMo heteroatom coeffect induced high electroreduction activity of N ₂ -to-NH ₃ . <i>Applied Surface Science</i> , 2022, 579, 152214.	6.1	15
12	Two-dimensional graphdiyne analogue containing Mo-coordinated porphyrin covalent organic framework as a high-performance electrocatalyst for nitrogen fixation. <i>Applied Surface Science</i> , 2022, 580, 152359.	6.1	12
13	A supported Cr-Cr sextuple bond in an all-metal cluster. <i>Dalton Transactions</i> , 2022, 51, 2664-2668.	3.3	1
14	Metal-free C ₂ N doped with sp ² -hybridized B atom as high-efficiency photocatalyst for nitrobenzene reduction reaction: A density functional theory study. <i>Molecular Catalysis</i> , 2022, 518, 112080.	2.0	3
15	Demonstration of temperature-sensitive paints with rigorously controlled thickness applied to variously shaped metal substrates with a highly stable connection based on a demulsification-induced fast solidification strategy. <i>New Journal of Chemistry</i> , 2022, 46, 3623-3630.	2.8	0
16	Non-metal boron atoms on a CuB ₁₂ monolayer as efficient catalytic sites for urea production. <i>Chemical Science</i> , 2022, 13, 1342-1354.	7.4	34
17	Organic Supramolecular Zippers with Ultralong Organic Phosphorescence by a Dexter Energy Transfer Mechanism. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2
18	Springboard Role for Iridium Photocatalyst: Theoretical Insight of C(sp ³)-N Cross-Coupling by Photoredox-Mediated Iridium/Copper Dual Catalysis versus Single-Copper Catalysis. <i>ChemCatChem</i> , 2022, 14, .	3.7	7

#	ARTICLE	IF	CITATIONS
19	Dynamic Interface with Enhanced Visible-Light Absorption and Electron Transfer for Direct Photoreduction of Flue Gas to Syngas. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 6476-6483.	8.0	9
20	Surface modification strategy based on molecular engineering of an organic cation toward spectrally stable deep-blue emission perovskites. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2067-2072.	5.5	2
21	Organic Supramolecular Zippers with Ultralong Organic Phosphorescence by a Dexter Energy Transfer Mechanism. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	20
22	Establishing the Principal Descriptor for Electrochemical Urea Production via the Dispersed Dual-Metals Anchored on the N-Decorated Graphene. <i>Advanced Science</i> , 2022, 9, e2105697.	11.2	39
23	Green Catalytic Method for Hydrothiolation of Allyl Amines: An External Electric Field. <i>ACS Omega</i> , 2022, 7, 5782-5790.	3.5	2
24	Anthracene-Modified Cadmium Metal-Organic Framework as an Excellent Sensor for the Detection of 2,4,6-Trinitrophenol and Nitrofurantoin. <i>European Journal of Inorganic Chemistry</i> , 2022, 2022, .	2.0	1
25	An unprecedented fully reduced $\{Mo^{VI}_{10}\}$ polyoxometalate: from an all-inorganic molecular light-absorber model to improved photoelectronic performance. <i>Chemical Science</i> , 2022, 13, 4573-4580.	7.4	22
26	A multifunctional anionic metal-organic framework for high proton conductivity and photoreduction of CO_2 induced by cation exchange. <i>Dalton Transactions</i> , 2022, 51, 4798-4805.	3.3	7
27	Theoretical design and characterization of new terpolymer donors based on PTB7Ir for high-efficiency triplet-material-based organic photovoltaics. <i>RSC Advances</i> , 2022, 12, 8578-8587.	3.6	1
28	Activating room-temperature phosphorescence of 1,8-naphthalimide by doping into aromatic dicarboxylic acids. <i>Chemical Communications</i> , 2022, 58, 3641-3644.	4.1	19
29	Theoretical study of $Ni^{I} \rightarrow Ni^{III}$ cycle mediated by heterogeneous zinc in C-N cross-coupling reaction. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 7617-7623.	2.8	2
30	Boosting ultralong organic phosphorescence performance by synergistic heavy-atom effect and multiple intermolecular interactions in molecular crystal. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6334-6340.	5.5	8
31	Theoretical search of a simple characteristic for long-lived organic room-temperature phosphorescence materials with H aggregation. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5425-5432.	5.5	11
32	Synthesis, crystal structure and characterisation of the complex $\{Ln(DHTA)1.5(H_2O)_3\} \cdot nH_2O$ (Ln = La, Tj) <small>0.9 rgBT (Overlock 1</small>		
33	N-Donor flexible ligands for constructing polyoxometalate-based metal-organic frameworks as multifunctional electrocatalysts. <i>CrystEngComm</i> , 2022, 24, 2705-2708.	2.6	3
34	Rational Design of Ir(III) Phosphors to Strategically Manage Charge Recombination for High-Performance White Organic Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2022, 61, 3736-3745.	4.0	8
35	Coordination Environment Regulation of Cucurbit[6]uril-Based Metal-Organic Rotaxane Networks for Proton Conduction. <i>Crystal Growth and Design</i> , 2022, 22, 2793-2798.	3.0	4
36	Electric Field and Ion Diffusion Triggered Precisely Regulated Construction of Micron-scale Water-based Polymer Films: a Detailed Mechanistic Exploration. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 1435-1445.	2.6	1

#	ARTICLE	IF	CITATIONS
37	Mixed-Linker Strategy for the Construction of Metal-Organic Framework Combined with Dyes toward Alcohol Detection. <i>Inorganic Chemistry</i> , 2022, 61, 5318-5325.	4.0	3
38	Copper-Based Metal-Organic Framework with a Tetraphenylethylene-Tetrazole Linker for Visible-Light-Driven CO ₂ Photoconversion. <i>Inorganic Chemistry</i> , 2022, 61, 5869-5877.	4.0	12
39	Lanthanide metal-organic frameworks based on planar π -conjugated ligands for white light emission, temperature and chemical sensing. <i>Dyes and Pigments</i> , 2022, 202, 110256.	3.7	12
40	Stable zinc metal-organic framework as efficient bifunctional fluorescent probe for selective detection of nitrobenzene and Fe(III). <i>Journal of Solid State Chemistry</i> , 2022, 310, 123093.	2.9	5
41	Controllable Synthesis of Metal-Organic Frameworks Based on Anthracene Ligands for High-Sensitivity Fluorescence Sensing of Fe ³⁺ , Cr ₂ O ₇ ²⁻ , and TNP. <i>Crystal Growth and Design</i> , 2022, 22, 2954-2963.	3.0	23
42	Lanthanide-MOFs as multifunctional luminescent sensors. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3259-3266.	6.0	43
43	Improved ablation resistance and thermal insulation performances of polyimide composites by introducing albite/glass powder composition. <i>Polymers and Polymer Composites</i> , 2022, 30, 096739112210878.	1.9	2
44	Theoretical insight into decatungstate photocatalyzed alkylation of <i>N</i> -tosylimine via hydrogen atom transfer and proton-coupled electron transfer. <i>Dalton Transactions</i> , 2022, , .	3.3	3
45	Face-Directed Construction of a Metal-Organic Isohedral Tetrahedron for the Highly Efficient Capture of Environmentally Toxic Oxoanions and Iodine. <i>Inorganic Chemistry</i> , 2022, 61, 7103-7110.	4.0	6
46	Three Cd-MOFs with water stability act as novel fluorescent probes for detecting nitrofurantoin and Fe ³⁺ . <i>Journal of Solid State Chemistry</i> , 2022, 313, 123170.	2.9	10
47	Efficient cobalt-based metal-organic framework derived magnetic Co@C-600 Nanoreactor for peroxydisulfate activation and oxytetracycline degradation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 648, 129234.	4.7	9
48	An anthracene-based microporous metal-organic framework for adsorbing CO ₂ and detecting TNP sensitivity. <i>New Journal of Chemistry</i> , 2022, 46, 11377-11381.	2.8	3
49	A novel cobalt-anchored covalent organic framework for photocatalytic conversion of CO ₂ into widely adjustable syngas. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13418-13427.	10.3	13
50	Post-decorated synthesis of metal-organic frameworks derived Ni/Ni ₃ S ₂ @CN electrocatalyst for efficient hydrogen evolution. <i>Journal of Solid State Chemistry</i> , 2022, 313, 123287.	2.9	4
51	Encapsulation of AIEgens within Metal-Organic Framework toward High-Performance White Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	9
52	Molecular engineering to achieve AIE-active photosensitizers with NIR emission and rapid ROS generation efficiency. <i>Journal of Materials Chemistry B</i> , 2022, 10, 5272-5278.	5.8	12
53	Construction of multi-hydroxyl/ketone lanthanide metal-organic frameworks for understanding mechanochromic luminescence and high proton conductivity. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 4376-4384.	6.0	8
54	Ag Nanoparticle-Modified Polyoxometalate-Based Metal-Organic Framework for Enhanced CO ₂ Photoreduction. <i>Inorganic Chemistry</i> , 2022, 61, 11359-11365.	4.0	11

#	ARTICLE	IF	CITATIONS
55	Bimetallic polyoxometalate derived Co/WN composite as electrocatalyst for high-efficiency hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 27452-27459.	7.1	8
56	Chiral self-sorting and guest recognition of porous aromatic cages. <i>Nature Communications</i> , 2022, 13, .	12.8	20
57	Two-dimensional conductive π -conjugated metal-organic frameworks as promising electrocatalysts for highly efficient hydrogen evolution reaction. <i>Applied Surface Science</i> , 2022, 601, 154241.	6.1	7
58	ZIF-8/covalent organic framework for enhanced CO ₂ photocatalytic reduction in gas-solid system. <i>Chemical Engineering Journal</i> , 2022, 450, 138040.	12.7	37
59	Luminescent Cd(II) metal-organic frameworks with anthracene nitrogen-containing organic ligands as novel multifunctional chemosensors for the detection of picric acid, pesticides, and ferric ions. <i>Dyes and Pigments</i> , 2021, 185, 108834.	3.7	39
60	Achieving highly electrochemically active maricite NaFePO ₄ with ultrafine NaFePO ₄ @C subunits for high rate and low temperature sodium-ion batteries. <i>Chemical Engineering Journal</i> , 2021, 405, 126689.	12.7	26
61	Recent advances in oligomers/polymers with unconventional chromophores. <i>Materials Chemistry Frontiers</i> , 2021, 5, 60-75.	5.9	51
62	The nonlinear optics property of heterodinuclear (Li and Na) sexipyridine helix: A density functional theory study. <i>International Journal of Quantum Chemistry</i> , 2021, 121, e26478.	2.0	2
63	HKUST-1 modified ultrastability cellulose/chitosan composite aerogel for highly efficient removal of methylene blue. <i>Carbohydrate Polymers</i> , 2021, 255, 117402.	10.2	87
64	Synthesis, characterization of mechanochromic luminescent-active mono-/dinuclear iridium(III) complexes with near-infrared emission. <i>Journal of Organometallic Chemistry</i> , 2021, 931, 121628.	1.8	7
65	Theoretical investigation of the influence of different electric field directions and strengths on a POM-based dye for dye-sensitized solar cells. <i>Materials Chemistry Frontiers</i> , 2021, 5, 929-936.	5.9	2
66	Synthesis of novel tetrazol-pyridine based cationic Ir(III) complexes with efficient AIE characteristic and significant mechanochromic luminescence behavior. <i>Dyes and Pigments</i> , 2021, 184, 108817.	3.7	10
67	Near-infrared (NIR-II) luminescence for the detection of cyclotetramethylene tetranitramine based on stable Nd-MOF. <i>Journal of Solid State Chemistry</i> , 2021, 294, 121789.	2.9	7
68	An EPR-independent therapeutic strategy: Cancer cell-mediated dual-drug delivery depot for diagnostics and prevention of hepatocellular carcinoma metastasis. <i>Biomaterials</i> , 2021, 268, 120541.	11.4	13
69	A dual-emitting mixed-lanthanide MOF with high water-stability for ratiometric fluorescence sensing of Fe ³⁺ and ascorbic acid. <i>Journal of Materials Chemistry C</i> , 2021, 9, 562-568.	5.5	80
70	Precise Molecular-Level Modification of Nafion with Bismuth Oxide Clusters for High-performance Proton-Exchange Membranes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6076-6085.	13.8	86
71	Superiority of Iridium Photocatalyst and Role of Quinuclidine in Selective $\text{C}(\text{sp}^3)\text{-H}$ Alkylation: Theoretical Insights. <i>Journal of Organic Chemistry</i> , 2021, 86, 484-492.	3.2	3
72	Precise Molecular-Level Modification of Nafion with Bismuth Oxide Clusters for High-performance Proton-Exchange Membranes. <i>Angewandte Chemie</i> , 2021, 133, 6141-6150.	2.0	16

#	ARTICLE	IF	CITATIONS
73	An octahedral polyoxomolybdateâ€‘organic molecular cage. <i>Chemical Communications</i> , 2021, 57, 1042-1045.	4.1	4
74	Elongated heterometal double-sites promote nitrogen reduction on two-dimensional MM^2B_7 monolayers. <i>Journal of Materials Chemistry A</i> , 2021, 9, 10855-10868.	10.3	16
75	Regioisomeric BODIPY derivatives: second-order nonlinear optical properties under an external electric field. <i>New Journal of Chemistry</i> , 2021, 45, 4335-4339.	2.8	1
76	A fluorescent porous covalent-organic polymer (COP-3) for highly selective and sensitive detection of Fe^{3+} in aqueous solution. <i>New Journal of Chemistry</i> , 2021, 45, 2370-2373.	2.8	2
77	A luminescent metalâ€‘organic framework with mixed-linker strategy for white-light-emitting by iridium-complex encapsulation. <i>Inorganic Chemistry Communication</i> , 2021, 123, 108359.	3.9	9
78	A luminescent metalâ€‘organic framework with tetragonal nanochannels as an efficient chemosensor for nitroaromatic explosives detection. <i>CrystEngComm</i> , 2021, 23, 3901-3906.	2.6	14
79	Rational design of iridiumâ€‘porphyrin conjugates for novel synergistic photodynamic and photothermal therapy anticancer agents. <i>Chemical Science</i> , 2021, 12, 5918-5925.	7.4	53
80	Bimetallic Phosphides as High-Efficient Electrocatalysts for Hydrogen Generation. <i>Inorganic Chemistry</i> , 2021, 60, 1624-1630.	4.0	31
81	Metalâ€‘organic framework (MOF) composite materials for photocatalytic CO_2 reduction under visible light. <i>Dalton Transactions</i> , 2021, 50, 3186-3192.	3.3	26
82	Mechanistic insight into photocatalytic CO_2 reduction by a Z-scheme $\text{g-C}_3\text{N}_4/\text{TiO}_2$ heterostructure. <i>New Journal of Chemistry</i> , 2021, 45, 11474-11480.	2.8	16
83	A tetraphenylethylene-based covalent organic framework for waste gas adsorption and highly selective detection of Fe^{3+} . <i>CrystEngComm</i> , 2021, 23, 5569-5574.	2.6	19
84	Tuning the NLO response of bis-cyclometalated iridium(III) complexes by modifying ligands: experimental and structural DFT analysis. <i>New Journal of Chemistry</i> , 2021, 45, 5491-5496.	2.8	2
85	$\text{PMO}_{12}@ZIF-8/\text{ZnO}$ -derived hierarchical porous molybdenum carbide as efficient electrocatalysts for hydrogen evolution. <i>New Journal of Chemistry</i> , 2021, 45, 9456-9461.	2.8	13
86	2D luminescent metalâ€‘organic framework: efficient and highly selective detection of 2,4,6-trinitrophenol at the ppb level. <i>CrystEngComm</i> , 2021, 23, 929-934.	2.6	14
87	Integration of zirconium-based metalâ€‘organic framework with CdS for enhanced photocatalytic conversion of CO_2 to CO. <i>Nanoscale</i> , 2021, 13, 16977-16985.	5.6	21
88	Efficient catalytic reduction of 4-nitrophenol by $\text{Cu}_{1.96}\text{S}/\text{NSC}$ hybrid material derived from metal-organic framework. <i>E3S Web of Conferences</i> , 2021, 252, 02065.	0.5	1
89	Assembly of tetra-nuclear Yb(III)-containing selenotungstate clusters: synthesis, structures, and magnetic properties. <i>Dalton Transactions</i> , 2021, 50, 11535-11541.	3.3	15
90	Carbon nitride derivatives as photocatalysts for the CO_2 reduction reaction: computational study. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 3401-3406.	2.8	1

#	ARTICLE	IF	CITATIONS
91	Bimetallic Metal-Organic Framework-Derived Graphitic Carbon-Coated Small Co/VN Nanoparticles as Advanced Trifunctional Electrocatalysts. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 2462-2471.	8.0	27
92	Periodic B- and N-doped phenalenyl π -aggregates: unexpected nonlinear optical properties by tuning pancake π - π bonding. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 23998-24003.	2.8	3
93	Synthesis and CO_2 photoreduction of two 3d-4f heterometal-organic frameworks. <i>New Journal of Chemistry</i> , 2021, 45, 18790-18795.	2.8	2
94	Stepwise Construction of Multivariate Metal-Organic Frameworks from a Predesigned Zr_{16} Cluster. <i>CCS Chemistry</i> , 2021, 3, 287-293.	7.8	19
95	High performance doping-free WOLEDs based on rationally designed asymmetric orange-red Ir(III) emitter with balanced charge mobility. <i>Organic Electronics</i> , 2021, 89, 106022.	2.6	2
96	Synthesis, crystal structure and iodine capture of Zr-based metal-organic polyhedron. <i>Inorganica Chimica Acta</i> , 2021, 516, 120174.	2.4	12
97	Er, Yb:CeF ₃ red emission nanoparticles with controllable size and enhanced luminescence properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 8213-8225.	2.2	9
98	Maximized Schottky Effect: The Ultrafine $\text{V}_2\text{O}_3/\text{Ni}$ Heterojunctions Repeatedly Arranging on Monolayer Nanosheets for Efficient and Stable Water-Hydrogen Conversion. <i>Small</i> , 2021, 17, e2005769.	10.0	42
99	Expediting the Conversion of Li_2S_2 to Li_2S Enables High-Performance Li-S Batteries. <i>ACS Nano</i> , 2021, 15, 7318-7327.	14.6	101
100	Understanding Mechanochromic Luminescence on Account of Molecular Level Based on Phosphorescent Iridium(III) Complex Isomers. <i>Inorganic Chemistry</i> , 2021, 60, 3741-3748.	4.0	11
101	The second-order nonlinear optical property of hydrazones-based photochromic complexes: A DFT study. <i>Journal of Molecular Liquids</i> , 2021, 327, 114882.	4.9	13
102	The roles of polyoxometalates in photocatalytic reduction of carbon dioxide. <i>Materials Today Energy</i> , 2021, 21, 100760.	4.7	28
103	Tunable Dual-Color Emission Perovskites via Post-Synthetic Modification Strategy for Near-Unity Photoluminescence Quantum Yield. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 21645-21652.	8.0	4
104	Second-order nonlinear optical property of carbon-boron-nitride heterostructure: Vertical carbon-segment into the BN nanosheet. <i>Computational and Theoretical Chemistry</i> , 2021, 1198, 113177.	2.5	3
105	Enhanced Fluorescence of La ³⁺ , Gd ³⁺ doped EuW ₁₀ for Temperature sensing performance. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 1221-1226.	1.2	2
106	Transition-Metal-Modified Vanadoborate Clusters as Stable and Efficient Photocatalysts for CO_2 Reduction. <i>Inorganic Chemistry</i> , 2021, 60, 7364-7371.	4.0	12
107	Theoretical Simulations of Thermochromic and Aggregation-Induced Emission Behaviors of a Series of Red-Light Anthracene-carborane Derivatives. <i>Chemistry - A European Journal</i> , 2021, 27, 9571-9579.	3.3	5
108	Close-packed storage of potassium metallic clusters achieved through nanostructure engineering of ultrafine hollow nanoparticles-based carbon nanoclusters. <i>EcoMat</i> , 2021, 3, e12105.	11.9	7

#	ARTICLE	IF	CITATIONS
109	A typical 2D covalent organic polymer as multifunctional sensor and assemble a WLED. <i>Journal of Solid State Chemistry</i> , 2021, 297, 122101.	2.9	3
110	Interior surface (confinement effect) and exterior (odd-even effect) of Fe-BNNTs (n, 0) for CO oxidation: A computational view. <i>Applied Surface Science</i> , 2021, 549, 149314.	6.1	1
111	Photocatalytic C(sp ³)â€“O/N Cross-Couplings by Naâ€“PPh ₃ /CuBr Cooperative Catalysis: Computational Design and Experimental Verification. <i>ACS Catalysis</i> , 2021, 11, 6633-6642.	11.2	24
112	Robust Electrodes for Flexible Energy Storage Devices Based on Bimetallic Encapsulated Coreâ€“Multishell Structures. <i>Advanced Science</i> , 2021, 8, e2100911.	11.2	8
113	Rh@C ₈ N ₈ monolayer as a promising single-atom-catalyst for overall water splitting. <i>Applied Surface Science</i> , 2021, 549, 149320.	6.1	22
114	Single Metalâ€“Organic Cage Decorated with an Ir(III) Complex for CO ₂ Photoreduction. <i>ACS Catalysis</i> , 2021, 11, 7241-7248.	11.2	35
115	Cu/Cu _x â€“Embedded N,â€“Doped Porous Carbon Derived in Situ from a MOF Designed for Efficient Catalysis. <i>Chemistry - A European Journal</i> , 2021, 27, 11468-11476.	3.3	7
116	Highly Fluorescent Cadmium Based Metalâ€“Organic Frameworks for Rapid Detection of Antibiotic Residues, Fe ³⁺ and Cr ₂ O ₇ ²⁻ Ions. <i>Inorganic Chemistry</i> , 2021, 60, 9148-9156.	4.0	58
117	Synthesis, structure and properties of a new Sm(III) rare-earth metal coordination complex with 2,5-dihydroxy-terephthalic acid ligand. <i>Journal of Coordination Chemistry</i> , 2021, 74, 1907-1918.	2.2	0
118	Co/WC@NC electrocatalysts derived from polyoxometalates (POM) for efficient hydrogen evolution. <i>Nanotechnology</i> , 2021, 32, 375602.	2.6	8
119	Temperature sensitive properties and preparation of europium complexes with double ligands. <i>Luminescence</i> , 2021, 36, 1476-1482.	2.9	4
120	Co ₂ P@C derived from metal-organic coordinate interactions using polyaniline as soft template for electrocatalytic hydrogen production. <i>Journal of Solid State Chemistry</i> , 2021, 299, 122184.	2.9	4
121	PL sensor for sensitive and selective detection of 2,4,6-trinitrophenol based on carbazole and tetraphenylsilane polymer. <i>Dyes and Pigments</i> , 2021, 191, 109379.	3.7	18
122	Near-infrared luminescence investigation of Cr ⁴⁺ ions doped Li ₂ TiGeO ₅ . <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 18544-18550.	2.2	4
123	Doping alkali metal ions and introducing electron donor groups to fulleropyrrolidine derivatives: Large second-order nonlinear optical responses. <i>Computational and Theoretical Chemistry</i> , 2021, 1201, 113254.	2.5	1
124	Two functional hybrids based on polyoxometalate coordination polymers: Synthesis, electrochemical and photocatalytic properties. <i>Inorganic Chemistry Communication</i> , 2021, 130, 108673.	3.9	2
125	Activation of Peroxymonosulfate by Co-Metalâ€“Organic Frameworks as Catalysts for Degradation of Organic Pollutants. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 13223-13232.	3.7	4
126	Sulphur-Bridged BA ₁₅ S ₅ ⁺ with 17 Counting Electrons: A Regular Planar Pentacoordinate Boron System. <i>Molecules</i> , 2021, 26, 5205.	3.8	4

#	ARTICLE	IF	CITATIONS
127	Fine-tuning emission color of aggregation-induced emission-active Ir(III) phosphors through simple ligand modification. <i>Dyes and Pigments</i> , 2021, 192, 109439.	3.7	5
128	Cubic Ba ₂ LaF ₇ :Yb ³⁺ /Ln(Ln = Er ³⁺ , Ho ³⁺) up-conversion submicron particles controllable synthesis and luminescence properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 24856-24870.	2.2	3
129	Switching of second-order nonlinear response effected by different acceptors: The impacts of environment and frequency dispersion. <i>Dyes and Pigments</i> , 2021, 193, 109502.	3.7	7
130	The synthesis of Cu nanoclusters and their dual mode colorimetric and fluorescent sensing for 2, 4-dinitrophenol. <i>Nanotechnology</i> , 2021, 33, .	2.6	4
131	A stable Cd metal-organic framework as efficient fluorescent probe for sensing Fe ³⁺ in water. <i>Inorganica Chimica Acta</i> , 2021, 528, 120635.	2.4	2
132	Metallic subnanometer porous silicon: A theoretical prediction. <i>Physical Review B</i> , 2021, 103, .	3.2	13
133	Machine Learning Corrections for DFT Noncovalent Interactions. <i>Springer Series in Materials Science</i> , 2021, , 183-212.	0.6	1
134	Self-Assembled Polyoxometalate-Based Metal-Organic Polyhedra as an Effective Heterogeneous Catalyst for Oxidation of Sulfide. <i>Crystal Growth and Design</i> , 2021, 21, 1028-1034.	3.0	10
135	Synthesis of ultrafine Co/CoO nanoparticle-embedded N-doped carbon framework magnetic material and application for 4-nitrophenol catalytic reduction. <i>New Journal of Chemistry</i> , 2021, 45, 13751-13754.	2.8	4
136	Effective CO Migration among Multiadsorbed Sites Achieves the Low-Barrier and High-Selective Conversion to C ₂ Products on the Ni ₂ B ₅ Monolayer. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 3845-3855.	8.0	11
137	A thiol-functionalized zirconium metal-organic cage for the effective removal of Hg ²⁺ from aqueous solution. <i>Nanotechnology</i> , 2021, 32, 075602.	2.6	5
138	A metal-free covalent organic framework as a photocatalyst for CO ₂ reduction at low CO ₂ concentration in a gas-solid system. <i>Journal of Materials Chemistry A</i> , 2021, 9, 24895-24902.	10.3	33
139	Metal-Free Z-Scheme aza-CMP/C ₂ N Heterostructure to Facilitate Photocatalytic CO ₂ Reduction: A Computational Study. <i>Journal of Physical Chemistry C</i> , 2021, 125, 23133-23141.	3.1	4
140	Hexanuclear nickel-based [P ₄ Mo ₁₁ O ₅₀] with photocatalytic reduction of CO ₂ activity. <i>Inorganic Chemistry Communication</i> , 2021, 134, 109009.	3.9	2
141	Study on the photoluminescence properties and magnetization performance of Lu ³⁺ , Tb ³⁺ : CeF ₃ nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 28098-28107.	2.2	2
142	Synthesis, Crystal Structure, and Luminescent Properties of a New Holmium(III) Coordination Polymer Involving 2,5-Dihydroxy-1,4-terephthalic Acid Dianion as Ligand. <i>Crystals</i> , 2021, 11, 1294.	2.2	1
143	Origin and Regioselectivity of Direct Hydrogen Atom Transfer Mechanism of C(sp ³)-H Arylation by [W ₁₀ O ₃₂] ⁴⁻ /Ni Metallaphotoredox Catalysis. <i>Inorganic Chemistry</i> , 2021, , .	4.0	10
144	Hourglass-Type Polyoxometalate-Based Crystalline Material as an Efficient Proton-Conducting Solid Electrolyte. <i>Inorganic Chemistry</i> , 2021, 60, 18912-18917.	4.0	9

#	ARTICLE	IF	CITATIONS
145	Theoretical mechanistic study of 4CzIPN/NiO-metallaphotoredox catalyzed enantioselective desymmetrization of cyclic meso-anhydrides. Dalton Transactions, 2021, 50, 17675-17687.	3.3	5
146	The interesting luminescence behavior and rare nonlinear optical properties of the {Ag ₅₅ Mo ₆ } nanocluster. RSC Advances, 2021, 11, 38814-38819.	3.6	1
147	Self-assembly of bimetallic polyoxometalates and dicyandiamide to form Co/WC@NC for efficient electrochemical hydrogen generation. New Journal of Chemistry, 2021, 46, 178-184.	2.8	14
148	Study on Luminescence Properties of Tb ³⁺ /Yb ³⁺ Doped CeF ₆ Nanoparticles. , 2021, , .		0
149	Preparation and Characterization of Silica Fiber Reinforced Boron Modified Methyl Phenolic Resin Matrix Composites. , 2021, , .		0
150	Study on Luminescence Properties of Eu ³⁺ /Tb ³⁺ Doped Gadolinium Barium Borosilicate Glass. , 2021, , .		0
151	Phosphorescent iridium(III) complex based photoluminescence sensor for sensitive and selective detection of picric acid. Dyes and Pigments, 2020, 172, 107799.	3.7	15
152	Cationic dinuclear Ir(III) complexes based on acylhydrazine ligands: Reversible piezochromic luminescence and AIE behaviours. Dyes and Pigments, 2020, 172, 107855.	3.7	9
153	Manipulating charge carrier transporting of disubstituted phenylbenzimidazole-based host materials for efficient full-color PhOLEDs. Organic Electronics, 2020, 77, 105513.	2.6	3
154	Two Ni/Co-substituted sandwich-type germanomolybdates based on an unprecedented trivacant polyanion [±-GeMo ₁₀ O ₃₆] ^{8±} . Dalton Transactions, 2020, 49, 977-982.	3.3	9
155	A BPt ₄ S ₄ cluster: a planar tetracoordinate boron system with three charges all at their global energy minima. New Journal of Chemistry, 2020, 44, 767-772.	2.8	8
156	All-metallic Zn=Zn Double-bonded Octahedral Zn ₂ M ₄ (M=Li, Na) Clusters with Negative Oxidation State of Zinc. ChemPhysChem, 2020, 21, 459-463.	2.1	11
157	A theoretical investigation on promising acceptor groups for POM-based dyes: from electronic structure to photovoltaic conversion efficiency. Journal of Materials Chemistry C, 2020, 8, 219-227.	5.5	11
158	Green synthesis of carbon dots by celery leaves for use as fluorescent paper sensors for the detection of nitrophenols. New Journal of Chemistry, 2020, 44, 1500-1507.	2.8	37
159	Syntheses, structure and properties of an especially stable Cd metal-organic framework driven by benzotriazole-5-carboxylic acid. Inorganic Chemistry Communication, 2020, 112, 107726.	3.9	5
160	External Electric Field-Phenyl interaction boosts hydrosilylation of substituted alkynes to vinylsilane. International Journal of Quantum Chemistry, 2020, 120, e26134.	2.0	2
161	Tricopper-polyoxometalate catalysts for water oxidation: Redox-inertness of copper center. Journal of Catalysis, 2020, 381, 402-407.	6.2	12
162	Highly Efficient Photoreduction of Low-Concentration CO ₂ to Syngas by Using a Polyoxometalates/Ru ^{II} Composite. Chemistry - A European Journal, 2020, 26, 2735-2740.	3.3	38

#	ARTICLE	IF	CITATIONS
163	Covalently crosslinked zirconium-based metal-organic framework aerogel monolith with ultralow-density and highly efficient Pb(II) removal. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 211-219.	9.4	63
164	Element table of TM-substituted polyoxotungstates for direct electrocatalytic reduction of nitric oxide to ammonia: a DFT guideline for experiments. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4507-4516.	6.0	19
165	A theoretical exploration of charge transfer dynamics in PTB7Ir/PC71BM triplet-material-based organic photovoltaics. <i>Organic Electronics</i> , 2020, 87, 105956.	2.6	3
166	A two-dimensional conductive Mo-based covalent organic framework as an efficient electrocatalyst for nitrogen fixation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 23599-23606.	10.3	54
167	A theoretical mechanistic study of Ir ^{III} /Cu ^I -metallaphotoredox catalyzed asymmetric radical decarboxylative cyanation. <i>Dalton Transactions</i> , 2020, 49, 15276-15286.	3.3	10
168	Face-Directed Assembly of Molecular Cubes: In Situ Substitution of a Predetermined Concave Cluster. <i>Angewandte Chemie</i> , 2020, 132, 22218-22222.	2.0	6
169	Near-infrared-emitting AIE multinuclear cationic Ir(III) complex-assembled nanoparticles for photodynamic therapy. <i>Dalton Transactions</i> , 2020, 49, 15332-15338.	3.3	13
170	All Boron Atoms in a ScB ₁₂ Monolayer Contribute to the Hydrogen Evolution Reaction. <i>Journal of Physical Chemistry C</i> , 2020, 124, 23221-23229.	3.1	14
171	Supramolecular oligourethane gel as a highly selective fluorescent "on-off" sensor for ions. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11540-11545.	5.5	25
172	Octamolybdate-based hybrid constructed by flexible bis-triazole ligands: synthesis, photocatalytic and electrochemical properties. <i>New Journal of Chemistry</i> , 2020, 44, 13524-13528.	2.8	9
173	<i>in situ</i> engineered ultrafine NiS ₂ -ZnS heterostructures in micro-mesoporous carbon spheres accelerating polysulfide redox kinetics for high-performance lithium-sulfur batteries. <i>Nanoscale</i> , 2020, 12, 16201-16207.	5.6	28
174	Investigation of the Structural and Luminescent Properties and the Chromium Ion Valence of Li ₂ CaGeO ₄ Crystals Doped with Cr ⁴⁺ Ions. <i>Crystals</i> , 2020, 10, 1019.	2.2	12
175	The Al-Al triple bond in Al ₂ X ₅ ⁺ and Al ₂ X ₆ ²⁺ (X = Li, Na) clusters with multiple alkali metal coordination. <i>New Journal of Chemistry</i> , 2020, 44, 21119-21124.	2.8	4
176	Self-assembly of zirconocene-based metal-organic capsules: the structure, luminescence sensing of Fe ³⁺ and iodine capture. <i>New Journal of Chemistry</i> , 2020, 44, 21255-21260.	2.8	7
177	Copper Dimer Anchored in g-CN Monolayer as an Efficient Electrocatalyst for CO ₂ Reduction Reaction: A Computational Study. <i>Advanced Theory and Simulations</i> , 2020, 3, 2000218.	2.8	22
178	Preparation and electrochemical hydrogen storage properties of Co ₉ S ₈ alloy coated with cobalt/graphene composite. <i>International Journal of Energy Research</i> , 2020, 44, 11742-11755.	4.5	22
179	Optical and mechanical properties of NaCl: Ce ³⁺ crystal grown by the Czochralski method. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 13070-13077.	2.2	11
180	A new polyniobotungstate based on {GeW ₉ Nb ₃ O ₄₀ } clusters and nickel cation with photocatalytic properties. <i>Inorganic Chemistry Communication</i> , 2020, 120, 108151.	3.9	0

#	ARTICLE	IF	CITATIONS
181	Synthesis of a Magnetic 2D Co@NC-600 Material by Designing a MOF Precursor for Efficient Catalytic Reduction of Water Pollutants. <i>Inorganic Chemistry</i> , 2020, 59, 12672-12680.	4.0	37
182	Ultrafast Absorption of Polysulfides through Electrostatic Confinement by Protonated Molecules for Highly Efficient Liâ€“S Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 36220-36227.	8.0	4
183	Exploring Charge Dissociation in a Statistical Sample of Active-Layer Models of an Organic Solar Cell. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18840-18846.	3.1	6
184	A photo-activated process cascaded electrocatalysis for the highly efficient CO ₂ reduction over a coreâ€“shell ZIF-8@Co/C. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16616-16623.	10.3	13
185	Equiâ€“size nesting of Platonic and Archimedean metalâ€“organic polyhedra into a twin capsid. <i>Nature Communications</i> , 2020, 11, 4103.	12.8	18
186	A hydrazone-based covalent organic framework/iridium (III) complex for photochemical CO ₂ reduction with enhanced efficiency and durability. <i>Journal of Catalysis</i> , 2020, 392, 49-55.	6.2	20
187	Promoted Photocharge Separation in 2D Lateral Epitaxial Heterostructure for Visibleâ€“Lightâ€“Driven CO ₂ Photoreduction. <i>Advanced Materials</i> , 2020, 32, e2004311.	21.0	74
188	High-Performance and Stable Warm White OLEDs Based on Orange Iridium(III) Phosphors Modified with Simple Alkyl Groups. <i>Organometallics</i> , 2020, 39, 3384-3393.	2.3	8
189	ZIF-8 and polyaniline modified coconut gel to fabricate composite aerogel for efficient removal of tetracycline. <i>E3S Web of Conferences</i> , 2020, 185, 04055.	0.5	2
190	An efficient strategy for improving the water stability of a nearinfrared- emissive lanthanide MOF. <i>E3S Web of Conferences</i> , 2020, 185, 04070.	0.5	0
191	Water-stable lanthanide-based metalâ€“organic gel for the detection of organic amines and white-light emission. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13648-13654.	5.5	48
192	A mechanochromic cyclemetalated cationic Ir(^{III}) complex with AIE activity by strategic modification of ligands. <i>Dalton Transactions</i> , 2020, 49, 13066-13071.	3.3	21
193	Faceâ€“Directed Assembly of Molecular Cubes: In Situ Substitution of a Predetermined Concave Cluster. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22034-22038.	13.8	25
194	A new covalent organic polymer used to highly selective detection of Fe ³⁺ ions. <i>E3S Web of Conferences</i> , 2020, 213, 01008.	0.5	0
195	A simple synthesis of highly ordered microporous carbon nanospheres for high performance potassium-ion batteries. <i>Journal of Power Sources</i> , 2020, 479, 229113.	7.8	4
196	Can we utilize the higher Frenkel exciton state in biazulene diimides-based non-fullerene acceptors to promote charge separation at the donor/acceptor interface?. <i>New Journal of Chemistry</i> , 2020, 44, 9767-9774.	2.8	12
197	Structural, Optical and Mechanical Properties and Cracking Factors of Large-Sized KBr:Ce ³⁺ Single Crystal. <i>Journal of Electronic Materials</i> , 2020, 49, 4785-4793.	2.2	13
198	Rational design of well-dispersed ultrafine CoS ₂ nanocrystals in microâ€“mesoporous carbon spheres with a synergistic effect for high-performance lithiumâ€“sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10885-10890.	10.3	37

#	ARTICLE	IF	CITATIONS
199	A bimetallic-MOF catalyst for efficient CO ₂ photoreduction from simulated flue gas to value-added formate. <i>Journal of Materials Chemistry A</i> , 2020, 8, 11712-11718.	10.3	61
200	The Structure and Liquid Flow Effect of Melt during NaCl Crystal Growth. <i>Crystal Research and Technology</i> , 2020, 55, 1900229.	1.3	7
201	Synthesis, characterization, photo-and-electrochemical properties of cationic iridium(III) complexes by using 1,3,4-oxadiazole cyclometallating ligand. <i>Inorganic Chemistry Communication</i> , 2020, 118, 107980.	3.9	3
202	Configuration effect in polyoxometalate-based dyes on the performance of DSSCs: an insight from a theoretical perspective. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 16032-16039.	2.8	3
203	A novel 3D cobalt(II) metal-organic framework to activate peroxymonosulfate for degradation of organic dyes in water. <i>Journal of Solid State Chemistry</i> , 2020, 289, 121443.	2.9	22
204	Polyaniline as interface layers promoting the in-situ growth of zeolite imidazole skeleton on regenerated cellulose aerogel for efficient removal of tetracycline. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 119-127.	9.4	68
205	Heteroatom-doped C ₃ N as a promising metal-free catalyst for a high-efficiency carbon dioxide reduction reaction. <i>New Journal of Chemistry</i> , 2020, 44, 11824-11828.	2.8	6
206	Hollow Porous MnFe ₂ O ₄ Sphere Grown on Elm-Derived Biochar towards Energy-Saving Full Water Electrolysis. <i>Chemistry - A European Journal</i> , 2020, 26, 14397-14404.	3.3	9
207	Hydrogen Migration-Triggered Diradicaloid Singlet-Fission Switch. <i>Journal of the American Chemical Society</i> , 2020, 142, 11791-11803.	13.7	11
208	Ferroelectric Metal-Organic Framework as a Host Material for Sulfur to Alleviate the Shuttle Effect of Lithium-Sulfur Battery. <i>Chemistry - A European Journal</i> , 2020, 26, 13779-13782.	3.3	11
209	A ruthenium/polyoxometalate for efficient CO ₂ photoreduction under visible light in diluted CO ₂ . <i>Nanotechnology</i> , 2020, 31, 255402.	2.6	12
210	Blue-emitting thermoreversible oligourethane gelators with aggregation-induced emission properties. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5137-5142.	5.5	13
211	A comparative computational analysis on the photophysical and charge transport properties of three 5,5-bis(2,2-diphenylvinyl)-biheterocyclic compounds. <i>Chemical Physics Letters</i> , 2020, 748, 137348.	2.6	1
212	An intriguing window opened by a metallic two-dimensional Lindqvist-cobaltporphyrin organic framework as an electrochemical catalyst for the CO ₂ reduction reaction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 14807-14814.	10.3	38
213	Theoretical mechanistic study of metallaphotoredox catalysis: C-N cross-coupling <i>via</i> Ni(σ)-mediated I _f -bond metathesis. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2168-2178.	4.5	17
214	Synthesis and proton-conducting performance of crystalline hydrogen-bonded organic networks. <i>Journal of Solid State Chemistry</i> , 2020, 290, 121550.	2.9	2
215	Two anthracene chromophore based metal-organic frameworks for gas adsorption and promising nitro aromatic sensing. <i>New Journal of Chemistry</i> , 2020, 44, 12496-12502.	2.8	4
216	Reduced graphene oxide/TiO ₂ (B) nanocomposite-modified separator as an efficient inhibitor of polysulfide shuttling in Li-S batteries. <i>RSC Advances</i> , 2020, 10, 4538-4544.	3.6	12

#	ARTICLE	IF	CITATIONS
217	Structural Extension from 0D to 3D Pillared Heterometallic 3d-4f Polyoxometalate Hybrids. <i>Crystal Growth and Design</i> , 2020, 20, 2706-2712.	3.0	7
218	Degradation of azo dyes under visible light with stable MOF based on tetrastylene imidazole ligand. <i>Dalton Transactions</i> , 2020, 49, 4352-4357.	3.3	24
219	Luminescent metal-organic frameworks encapsulating polycyclic aromatic hydrocarbons for energy transfer. <i>Dalton Transactions</i> , 2020, 49, 5087-5091.	3.3	10
220	Self-assembly and lithium storage performance of a nanoscale polyoxometalate based on the {MnTa ₁₈ } cluster. <i>Chemical Communications</i> , 2020, 56, 2403-2406.	4.1	12
221	Syntheses of cucurbit[6]uril-based metal-organic rotaxane networks by the anion regulation strategy and their proton conduction properties. <i>Dalton Transactions</i> , 2020, 49, 1747-1751.	3.3	9
222	Nitrogen and Sulfur-Codoped Porous Carbon Nanospheres with Hierarchical Micromesoporous Structures and an Ultralarge Pore Volume for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8225-8232.	8.0	39
223	N-(O-methoxyphenyl)aza-15-crown-5-ether derivatives: Highly efficient and wide range nonlinear optical response based cation recognition. <i>Journal of Molecular Liquids</i> , 2020, 301, 112492.	4.9	10
224	Dinuclear metal complexes: multifunctional properties and applications. <i>Chemical Society Reviews</i> , 2020, 49, 765-838.	38.1	148
225	Multi-functional TiO ₂ nanosheets/carbon nanotubes modified separator enhanced cycling performance for lithium-sulfur batteries. <i>International Journal of Energy Research</i> , 2020, 44, 3231-3240.	4.5	18
226	Bright red aggregation-induced emission nanoparticles for multifunctional applications in cancer therapy. <i>Chemical Science</i> , 2020, 11, 2369-2374.	7.4	40
227	Tuning Second-Order Nonlinear Optical Properties of Cross-Linked Carbon Nanotube via External Electric Field. <i>Journal of Physical Chemistry C</i> , 2020, 124, 3778-3783.	3.1	10
228	Two Highly Water-Stable Imidazole-Based Ln-MOFs for Sensing Fe ³⁺ , Cr ₂ O ₇ ²⁻ /CrO ₄ ²⁻ in a Water Environment. <i>Inorganic Chemistry</i> , 2020, 59, 2005-2010.	4.0	154
229	Rational Design of Efficient Organometallic Ir(III) Complexes for High-Performance, Flexible, Monochromatic, and White Light-Emitting Electrochemical Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4649-4658.	8.0	27
230	Sulfur-doping polyoxometalate-metal-organic intercalation compound with PPy coating as highly efficient photocatalyst for visible light degradation. <i>Polyhedron</i> , 2020, 179, 114350.	2.2	4
231	Promoting visible-light-driven hydrogen production of a zirconium-based metal-organic polyhedron decorated by platinum nanoparticles with different spatial locations. <i>Catalysis Communications</i> , 2020, 137, 105930.	3.3	9
232	Improved Photoreduction of CO ₂ with Water by Tuning the Valence Band of Covalent Organic Frameworks. <i>ChemSusChem</i> , 2020, 13, 2973-2980.	6.8	86
233	Mn-doped CsPb(Br/Cl) ₃ mixed-halide perovskites for CO ₂ photoreduction. <i>Nanotechnology</i> , 2020, 31, 215605.	2.6	27
234	Ultrahigh capacity 2D anode materials for lithium/sodium-ion batteries: an entirely planar B ₇ P ₂ monolayer with suitable pore size and distribution. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10301-10309.	10.3	44

#	ARTICLE	IF	CITATIONS
235	A water-stable terbium metal-organic framework with functionalized ligands for the detection of Fe ³⁺ and Cr ₂ O ₇ ²⁻ ions in water and picric acid in seawater. <i>CrystEngComm</i> , 2020, 22, 3638-3643.	2.6	42
236	Computational Study of sp ^x (s ^y) ³ -Hybridized Be ⁺ Be Bonds Stabilized by Amidinate Ligands. <i>Chemistry - A European Journal</i> , 2020, 26, 10891-10895.	3.3	7
237	Recent progress in phosphorescent Ir(III) complexes for nondoped organic light-emitting diodes. <i>Coordination Chemistry Reviews</i> , 2020, 413, 213283.	18.8	71
238	Preparation and electrochemical hydrogen storage properties of Ti ₄₉ Zr ₂₆ Ni ₂₅ alloy covered with porous polyaniline. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 11675-11685.	7.1	27
239	Synergetic effect of H ⁺ adsorption and ethylene functional groups of covalent organic frameworks on the CO ₂ photoreduction in aqueous solution. <i>Chemical Communications</i> , 2020, 56, 7261-7264.	4.1	19
240	Two polyoxovanadate-based metal-organic polyhedra with undiscovered near-miss Johnson solid geometry. <i>Chemical Communications</i> , 2019, 55, 10701-10704.	4.1	13
241	Nitrogen- and sulfur-doped carbon dots as peroxidase mimetics: colorimetric determination of hydrogen peroxide and glutathione, and fluorimetric determination of lead(II). <i>Mikrochimica Acta</i> , 2019, 186, 604.	5.0	49
242	All-inorganic perovskite/graphitic carbon nitride composites for CO ₂ photoreduction into C1 compounds under low concentrations of CO ₂ . <i>Dalton Transactions</i> , 2019, 48, 14115-14121.	3.3	44
243	Evidence of two-state reactivity in water oxidation catalyzed by polyoxometalate-based complex [Mn ₃ (H ₂ O) ₃ (SbW ₉ O ₃₃) ₂] ¹²⁻ . <i>Journal of Catalysis</i> , 2019, 376, 146-149.	6.2	13
244	Two-Dimensional Cobaltporphyrin-based Cobalt-Organic Framework as an Efficient Photocatalyst for CO ₂ Reduction Reaction: A Computational Study. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14102-14110.	6.7	48
245	Nonfullerene Acceptors for Organic Photovoltaics: From Conformation Effect to Power Conversion Efficiencies Prediction. <i>Solar Rrl</i> , 2019, 3, 1900258.	5.8	22
246	Two Novel Lanthanide Metal-Organic Frameworks Constructed by Tetracarboxylate Ligands: Synthesis, Structures; and Luminescent Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 940-943.	1.2	2
247	Spectroscopic behavior, FMO, NLO and substitution effect of 2-(1H-Benzo[d]imidazole-2-ylthio)-N-o-substituted-acetamides: Experimental and theoretical approach. <i>Dyes and Pigments</i> , 2019, 171, 107742.	3.7	9
248	Supramolecular hydrogen-bonded organic networks through acid-base pairs as efficient proton-conducting electrolytes. <i>CrystEngComm</i> , 2019, 21, 4996-5001.	2.6	17
249	Metal-oxygen clusters as peroxidase mimics for their multifarious applications in colorimetric sensors. <i>New Journal of Chemistry</i> , 2019, 43, 13430-13436.	2.8	8
250	Metal ions doped into merocyanine form of coumarin derivatives: nonlinear optical molecular switches. <i>Journal of Molecular Modeling</i> , 2019, 25, 212.	1.8	4
251	High-Performance Metal-Organic Framework-Based Single Ion Conducting Solid-State Electrolytes for Low-Temperature Lithium Metal Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43206-43213.	8.0	104
252	Directed Copper-Catalyzed Intermolecular Aminative Difunctionalization of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 18475-18485.	13.7	81

#	ARTICLE	IF	CITATIONS
253	Atomic Nb Anchoring on Graphdiyne as a New Potential Electrocatalyst for Nitrogen Fixation: A Computational View. <i>Advanced Theory and Simulations</i> , 2019, 2, 1900132.	2.8	38
254	Polyoxometalates-Based Metal-Organic Frameworks Made by Electrodeposition and Carbonization Methods as Cathodes and Anodes for Asymmetric Supercapacitors. <i>Chemistry - A European Journal</i> , 2019, 25, 16617-16624.	3.3	26
255	Facile synthesis of conjugated microporous polymer-based porphyrin units for adsorption of CO ₂ and organic vapors. <i>Polymer Chemistry</i> , 2019, 10, 819-822.	3.9	36
256	A 3D pillared-layer metal-organic framework with fluorescence property for detection of nitroaromatic explosives. <i>New Journal of Chemistry</i> , 2019, 43, 963-969.	2.8	19
257	Polyoxometalate-based materials for sustainable and clean energy conversion and storage. <i>EnergyChem</i> , 2019, 1, 100021.	19.1	183
258	Theoretical Insight into Multiple Charge-Transfer Mechanisms at the P3HT/Nonfullerenes Interface in Organic Solar Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 19699-19707.	6.7	27
259	Encapsulating Red Phosphorus in Ultralarge Pore Volume Hierarchical Porous Carbon Nanospheres for Lithium/Sodium-Ion Half/Full Batteries. <i>ACS Nano</i> , 2019, 13, 13513-13523.	14.6	77
260	Theoretical Insight into the Performance of Mn ^{II/III} -Monosubstituted Heteropolytungstates as Water Oxidation Catalysts. <i>Inorganic Chemistry</i> , 2019, 58, 15751-15757.	4.0	11
261	Demulsification-induced Fast Solidification: a Novel Strategy for Preparation of Polymer Encapsulations. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 1082-1088.	2.6	2
262	Be ϵ ,Be triple bond in Be ₂ X ₄ Y ₂ clusters (X = Li, Na and Y = Li, Na, K) and a perfect classical Be ϵ ,Be triple bond presented in Be ₂ Na ₄ K ₂ . <i>Dalton Transactions</i> , 2019, 48, 14590-14594.	3.3	18
263	Strategic modification of ligands for remarkable piezochromic luminescence (PCL) based on a neutral Ir(^{III}) phosphor. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10876-10880.	5.5	16
264	Self-Assembly of Nanoscale Lanthanoid-Containing Selenotungstates: Synthesis, Structures, and Magnetic Studies. <i>Inorganic Chemistry</i> , 2019, 58, 12895-12904.	4.0	37
265	A tetraphenylethylene-based covalent organic polymer for highly selective and sensitive detection of Fe ³⁺ and as a white light emitting diode. <i>Chemical Communications</i> , 2019, 55, 12328-12331.	4.1	37
266	Organometallic Ir(III) Phosphors Decorated by Carbazole/Diphenylphosphoryl Units for Efficient Solution-Processable OLEDs with Low Efficiency Roll-Offs. <i>Inorganic Chemistry</i> , 2019, 58, 13807-13814.	4.0	6
267	The preparation of new covalent organic framework embedded with silver nanoparticles and its applications in degradation of organic pollutants from waste water. <i>Dalton Transactions</i> , 2019, 48, 1051-1059.	3.3	89
268	A remarkable phosphorescent sensor for acid-base vapours based on an AIPE-active Ir(^{III}) complex. <i>Dalton Transactions</i> , 2019, 48, 1955-1959.	3.3	10
269	Ultrafast and Noninvasive Long-Term Bioimaging with Highly Stable Red Aggregation-Induced Emission Nanoparticles. <i>Analytical Chemistry</i> , 2019, 91, 3467-3474.	6.5	62
270	Polyoxovanadate-Based Metal-Organic Octahedron Based on 1,4-Naphthalenedicarboxylic Acid. <i>Israel Journal of Chemistry</i> , 2019, 59, 306-310.	2.3	4

#	ARTICLE	IF	CITATIONS
271	Towards red-light π -carborane derivatives with both aggregation induced emission and thermally activated delayed fluorescence combining quantum chemistry calculation with molecular dynamics simulation. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2699-2709.	5.5	23
272	Copper cyanide polymers with controllable dimensions modulated by rigid and flexible bis-(imidazole) ligands: synthesis, crystal structure and fluorescence properties. <i>CrystEngComm</i> , 2019, 21, 1242-1249.	2.6	17
273	AIE Multinuclear Ir(III) Complexes for Biocompatible Organic Nanoparticles with Highly Enhanced Photodynamic Performance. <i>Advanced Science</i> , 2019, 6, 1802050.	11.2	87
274	Hetero-metallic active sites coupled with strongly reductive polyoxometalate for selective photocatalytic CO_2 -to- CH_4 conversion in water. <i>Chemical Science</i> , 2019, 10, 185-190.	7.4	102
275	Self-assembly and photocatalytic properties of three nanosized polyoxometalates based on the $\{\text{SiNb}_3\text{W}_9\text{O}_{40}\}$ cluster and transition-metal cations. <i>Journal of Solid State Chemistry</i> , 2019, 277, 618-623.	2.9	5
276	A triazine-functionalized nanoporous metal-organic framework for the selective adsorption and chromatographic separation of transition metal ions and cationic dyes and white-light emission by Ln^{3+} ion encapsulation. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8861-8867.	5.5	10
277	Strong Pancake π/π Bond in π -Stacking Phenalenyl Derivatives Avoiding Bond Conversion. <i>ChemPhysChem</i> , 2019, 20, 1879-1884.	2.1	3
278	Syntheses and magnetic properties of high-dimensional cucurbit[6]uril-based metal-organic rotaxane frameworks. <i>Dalton Transactions</i> , 2019, 48, 9939-9943.	3.3	11
279	Two-dimensional π -conjugated metal bis(dithiolene) nanosheets as promising electrocatalysts for carbon dioxide reduction: a computational study. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15341-15346.	10.3	40
280	Multifunctional Dicyandiamide Blowing-Induced Formation of Electrocatalysts for the Hydrogen Evolution Reaction. <i>ACS Omega</i> , 2019, 4, 10347-10353.	3.5	7
281	Photosensitizers based on Ir(III) complexes for highly efficient photocatalytic hydrogen generation. <i>Dyes and Pigments</i> , 2019, 170, 107547.	3.7	17
282	An Updated Strategy for Designing Non-Fullerene Acceptors by the Lowest Singlet and Triplet States Excitation: Influence of Periodical Substitution from O, S, and Se to Te for BAE Derivatives. <i>Journal of Physical Chemistry C</i> , 2019, 123, 11397-11405.	3.1	14
283	TMC (TM = Co, Ni, and Cu) monolayers with planar pentacoordinate carbon and their potential applications. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6406-6413.	5.5	29
284	Planar Ni_3 as a reversible anode material with high storage capacity for lithium-ion and sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13356-13363.	10.3	47
285	A theoretical exploration on why the replacement of hexyl group by alkoxycarbonyl in P3HT could greatly improve the performance of non-fullerene organic solar cell. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 100, 160-167.	5.3	4
286	How Does Iridium(III) Photocatalyst Regulate Nickel(II) Catalyst in Metallaphotoredox-Catalyzed C-S Cross-Coupling? Theoretical and Experimental Insights. <i>ACS Catalysis</i> , 2019, 9, 3858-3865.	11.2	45
287	Insight into spin-orbital interaction using MCSCF method: A special analysis of the $1^1g +$ electronic state in C 2 and the linear polyacetylenic C 4 and C 6. <i>Journal of Computational Chemistry</i> , 2019, 40, 1338-1343.	3.3	2
288	Ligand-Induced Tunable Dual-Color Emission Based on Lead Halide Perovskites for White Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15898-15904.	8.0	19

#	ARTICLE	IF	CITATIONS
289	Engineering of Yin Yang-like nanocarriers for varisized guest delivery and synergistic eradication of patient-derived hepatocellular carcinoma. <i>Nanoscale Horizons</i> , 2019, 4, 1046-1055.	8.0	8
290	Utilizing d π -p π Bonds for Ultralong Organic Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6645-6649.	13.8	154
291	Utilizing d π -p π Bonds for Ultralong Organic Phosphorescence. <i>Angewandte Chemie</i> , 2019, 131, 6717-6721.	2.0	107
292	Terminal Modulation in Search of a Balance between Hole Transport and Electron Transfer at the Interface for BODIPY-Based Organic Solar Cells. <i>Journal of Physical Chemistry C</i> , 2019, 123, 6407-6415.	3.1	10
293	How do transition-metal-substituted POMs modify the photoanode of dye-sensitized solar cells? A DFT study. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 969-974.	6.0	7
294	From Octahedral to Icosahedral Metal-Organic Polyhedra Assembled from Two Types of Polyoxovanadate Clusters. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4649-4653.	13.8	55
295	A probe into underlying factors affecting ultrafast charge transfer at Donor/IDIC interface of all-small-molecule nonfullerene organic solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 375, 1-8.	3.9	11
296	A stable mixed lanthanide metal-organic framework for highly sensitive thermometry. <i>Dalton Transactions</i> , 2019, 48, 3723-3729.	3.3	59
297	Self-assembly and Li-ion storage performance of three new Nb/W mixed-addendum polyoxometalates based on the {SiNb ₃ W ₉ O ₄₀ } clusters and transition-metal cations. <i>CrystEngComm</i> , 2019, 21, 1862-1866.	2.6	12
298	From Octahedral to Icosahedral Metal-Organic Polyhedra Assembled from Two Types of Polyoxovanadate Clusters. <i>Angewandte Chemie</i> , 2019, 131, 4697-4701.	2.0	38
299	Carbon/Binder-free NiO@NiO/NF with In Situ Formed Interlayer for High Area Capacity Lithium Storage. <i>Advanced Energy Materials</i> , 2019, 9, 1803690.	19.5	44
300	Synthesis and characterization of two isostructural 3d ⁴ -4f ⁰ coordination compounds based on pyridine-2,6-dicarboxylic acid and 4,4'-bipyridine. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 723-727.	0.5	0
301	Visible-light CO ₂ photoreduction of polyoxometalate-based hybrids with different cobalt clusters. <i>CrystEngComm</i> , 2019, 21, 6423-6431.	2.6	26
302	Metal-free catalysis for the Markovnikov hydrosilylation of styrene. <i>New Journal of Chemistry</i> , 2019, 43, 18339-18344.	2.8	4
303	A substrate-free Mo ₂ C-based electrocatalyst by facile glucose-blowing for efficient hydrogen production. <i>New Journal of Chemistry</i> , 2019, 43, 18970-18974.	2.8	8
304	Reversible tricolour luminescence switching based on a piezochromic iridium(III) complex. <i>Chemical Communications</i> , 2019, 55, 14582-14585.	4.1	20
305	Mechanistic insight into electroreduction of carbon dioxide on Fe _x (x = 0-4) embedded graphene. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 23638-23644.	2.8	16
306	The directions of an external electric field control the catalysis of the hydroboration of C=C unsaturated compounds. <i>RSC Advances</i> , 2019, 9, 29331-29336.	3.6	4

#	ARTICLE	IF	CITATIONS
307	Dinuclear Ir(III) complexes with asymmetrical bridging ligands as highly efficient phosphors for single-layer electroluminescent devices. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13461-13467.	5.5	4
308	An Amine-Functionalized Zirconium Metal-Organic Polyhedron Photocatalyst with High Visible-Light Activity for Hydrogen Production. <i>Chemistry - A European Journal</i> , 2019, 25, 2824-2830.	3.3	53
309	Enhanced CO ₂ photoreduction via tuning halides in perovskites. <i>Journal of Catalysis</i> , 2019, 369, 201-208.	6.2	117
310	Bottom-Up Construction and Reversible Structural Transformation of Supramolecular Isomers based on Large Truncated Tetrahedra. <i>Angewandte Chemie</i> , 2019, 131, 790-794.	2.0	19
311	Bottom-Up Construction and Reversible Structural Transformation of Supramolecular Isomers based on Large Truncated Tetrahedra. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 780-784.	13.8	77
312	Polyoxometalates in dye-sensitized solar cells. <i>Chemical Society Reviews</i> , 2019, 48, 260-284.	38.1	261
313	Electrochemical reduction of carbon dioxide on the two-dimensional M ₃ (Hexaiminotriphenylene) ₂ sheet: A computational study. <i>Applied Surface Science</i> , 2019, 467-468, 98-103.	6.1	45
314	Theoretical insights on the rigidified dithiophene effects on the performance of near-infrared cis-squaraine-based dye-sensitized solar cells with panchromatic absorption. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 369, 150-158.	3.9	13
315	HKUST-1 Derived Hollow Cu ₂ S Nanotube/g-C ₃ N ₄ Composites for Visible-Light CO ₂ Photoreduction with H ₂ O Vapor. <i>Chemistry - A European Journal</i> , 2019, 25, 379-385.	3.3	57
316	Transition metals doped fullerenes: structures vs NLO property relationships. <i>Molecular Physics</i> , 2019, 117, 705-711.	1.7	18
317	A triazine-based metal-organic framework with solvatochromic behaviour and selectively sensitive photoluminescent detection of nitrobenzene and Cu ²⁺ ions. <i>Dyes and Pigments</i> , 2019, 163, 159-167.	3.7	22
318	Redox-switchable structures and NLO property: Li ₂ doped into the cavity of pyridine helix. <i>Organic Electronics</i> , 2018, 57, 68-73.	2.6	12
319	Photoreduction of carbon dioxide under visible light by ultra-small Ag nanoparticles doped into Co-ZIF-9. <i>Nanotechnology</i> , 2018, 29, 284003.	2.6	49
320	Theoretical study on the optical response behavior to hydrogen chloride gas of a series of Schiff-base-based star-shaped structures. <i>Journal of Molecular Modeling</i> , 2018, 24, 58.	1.8	8
321	The substitution effect of heterocyclic rings to tune the optical and nonlinear optical properties of hybrid chalcones: A comparative study. <i>Journal of Molecular Graphics and Modelling</i> , 2018, 81, 25-31.	2.4	42
322	Selective sensing of 2,4,6-trinitrophenol (TNP) in aqueous media with aggregation-induced emission enhancement-(AIEE)-active iridium(III) complexes. <i>Chemical Communications</i> , 2018, 54, 1730-1733.	4.1	85
323	Sulfur-containing bimetallic metal organic frameworks with multi-fold helix as anode of lithium ion batteries. <i>Dalton Transactions</i> , 2018, 47, 4827-4832.	3.3	30
324	Metal-organic framework composites with luminescent pincer platinum(II) complexes: ³ MMLCT emission and photoinduced dehydrogenation catalysis. <i>Chemical Science</i> , 2018, 9, 2357-2364.	7.4	36

#	ARTICLE	IF	CITATIONS
325	A new triazine-based covalent organic polymer for efficient photodegradation of both acidic and basic dyes under visible light. <i>Dalton Transactions</i> , 2018, 47, 4191-4197.	3.3	57
326	A Well-established POM-based Single-Crystal Proton-Conducting Model Incorporating Multiple Weak Interactions. <i>Chemistry - A European Journal</i> , 2018, 24, 2365-2369.	3.3	32
327	NICS values scan in three-dimensional space of the hoop-shaped π -conjugated molecules [6] ₈ cyclacene and [16]trannulene. <i>New Journal of Chemistry</i> , 2018, 42, 1987-1994.	2.8	4
328	Theoretical insights into the catalytic mechanism for the oxygen reduction reaction on M ₃ (hexaiminotriphenylene) ₂ (M = Ni, Cu). <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 1821-1828.	2.8	11
329	A metal-organic framework based on nanosized hexagonal channels as fluorescent indicator for detection of nitroaromatic explosives. <i>Journal of Solid State Chemistry</i> , 2018, 258, 781-785.	2.9	19
330	A Practicable Li/Na-Ion Hybrid Full Battery Assembled by a High-Voltage Cathode and Commercial Graphite Anode: Superior Energy Storage Performance and Working Mechanism. <i>Advanced Energy Materials</i> , 2018, 8, 1702504.	19.5	142
331	Simple and efficient polyoxomolybdate-mediated synthesis of novel graphene and metal nanohybrids for versatile applications. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 507-516.	9.4	14
332	Quasi-Solid-State Sodium-Ion Full Battery with High-Power/Energy Densities. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 17903-17910.	8.0	74
333	Guest exchange in a porous cucurbit[6]uril-based metal-organic rotaxane framework probed by NMR and X-ray crystallography. <i>Chemical Communications</i> , 2018, 54, 5474-5477.	4.1	18
334	Fabrication of a Flowerlike Ag Microsphere Film with Applications in Catalysis and as a SERS Substrate. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2835-2840.	2.0	14
335	Orange emissive carbon dots for colorimetric and fluorescent sensing of 2,4,6-trinitrophenol by fluorescence conversion. <i>RSC Advances</i> , 2018, 8, 16095-16102.	3.6	42
336	Ternary hybrids as efficient bifunctional electrocatalysts derived from bimetallic metal-organic-frameworks for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5789-5796.	10.3	102
337	DFT Study on Sulfur-Doped g-C ₃ N ₄ Nanosheets as a Photocatalyst for CO ₂ Reduction Reaction. <i>Journal of Physical Chemistry C</i> , 2018, 122, 7712-7719.	3.1	200
338	Nitrogen-doped carbon dots for the detection of mercury ions in living cells and visualization of latent fingerprints. <i>New Journal of Chemistry</i> , 2018, 42, 6824-6830.	2.8	54
339	Theoretical investigation on the effect of fluorine and carboxylate substitutions on the performance of benzodithiophene-diketopyrrolopyrrole-based polymer solar cells. <i>Theoretical Chemistry Accounts</i> , 2018, 137, 1.	1.4	3
340	Exploiting aggregation induced emission and twisted intramolecular charge transfer in a BODIPY dye for selective sensing of fluoride in aqueous medium and living cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 358, 274-283.	3.9	25
341	Honeycomb-patterned hybrid films of surfactant-encapsulated polyoxometalates by a breath figure method and its electrocatalysis for BrO ₃ ⁻ . <i>Dalton Transactions</i> , 2018, 47, 105-111.	3.3	19
342	Dimethyltin-functionalized cyclic selenotungstates based on {Se ₂ W ₁₂ } units. <i>Dalton Transactions</i> , 2018, 47, 1393-1397.	3.3	6

#	ARTICLE	IF	CITATIONS
343	Recent advances in luminescent dinuclear iridium(III) complexes and their application in organic electroluminescent devices. <i>Polyhedron</i> , 2018, 140, 146-157.	2.2	42
344	Exploring more effective polymer donors for the famous non-fullerene acceptor ITIC in organic solar cells by increasing electron-withdrawing ability. <i>Organic Electronics</i> , 2018, 53, 308-314.	2.6	27
345	Uniform Pomegranate-Like Nanoclusters Organized by Ultrafine Transition Metal Oxide@Nitrogen-Doped Carbon Subunits with Enhanced Lithium Storage Properties. <i>Advanced Energy Materials</i> , 2018, 8, 1702347.	19.5	95
346	Polyurethane derivatives for highly sensitive and selective fluorescence detection of 2,4,6-trinitrophenol (TNP). <i>Journal of Materials Chemistry C</i> , 2018, 6, 11287-11291.	5.5	41
347	An unprecedented {CuII4TeIV10} core incorporated in a 36-tungsto-4-silicate polyoxometalate with visible light-driven catalytic hydrogen evolution activity. <i>Dalton Transactions</i> , 2018, 47, 16403-16407.	3.3	14
348	A multifunctional microporous metal-organic framework: efficient adsorption of iodine and column-chromatographic dye separation. <i>RSC Advances</i> , 2018, 8, 36400-36406.	3.6	18
349	A simple strategy to achieve remarkable mechanochromism of cationic Ir(III) phosphors through subtle ligand modification. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11686-11693.	5.5	28
350	Steam-assisted assemblies of {Ni ₆ PW ₉ }-based inorganic-organic hybrid chains: synthesis, crystal structures and properties. <i>CrystEngComm</i> , 2018, 20, 7507-7512.	2.6	6
351	Controllable synthesis of isoreticular pillared-layer MOFs based on N-rich triangular prism building units: gas adsorption and luminescent properties. <i>New Journal of Chemistry</i> , 2018, 42, 20056-20060.	2.8	10
352	The regulation of hydroboration of olefins by oriented external electric field. <i>New Journal of Chemistry</i> , 2018, 42, 18402-18408.	2.8	11
353	Ultrasmall C-TiO ₂ nanoparticle/g-C ₃ N ₄ composite for CO ₂ photoreduction with high efficiency and selectivity. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21596-21604.	10.3	48
354	New cationic Ir(III) complexes without any soft substituents: aggregation-induced emission and piezochromic luminescence. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12217-12223.	5.5	29
355	Self-Assembly of Goldberg Polyhedra from a Concave [W ₅ O ₁₁ (RCO ₂) ₅ (SO ₄) ³⁻] Building Block with 5-Fold Symmetry. <i>Journal of the American Chemical Society</i> , 2018, 140, 17365-17368.	13.7	91
356	Polyoxometalates/Active Carbon Thin Separator for Improving Cycle Performance of Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35911-35918.	8.0	39
357	Tailored Surfaces on 2D Material: UFO-Like Cyclodextrin-Pd Nanosheet/Metal Organic Framework Janus Nanoparticles for Synergistic Cancer Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1803815.	14.9	82
358	Fluorescence, Phosphorescence, or Delayed Fluorescence? A Theoretical Exploration on the Reason Why a Series of Similar Organic Molecules Exhibit Different Luminescence Types. <i>Journal of Physical Chemistry C</i> , 2018, 122, 23091-23101.	3.1	27
359	Constructing Stable H-Bonded Dimers: Two Parallel Pancake H-Bonds. <i>Chemistry - A European Journal</i> , 2018, 24, 16919-16924.	3.3	6
360	Structure-property relationships of coronene in external electric field. <i>Organic Electronics</i> , 2018, 59, 196-201.	2.6	4

#	ARTICLE	IF	CITATIONS
361	Spadix-Bract Structured Nanobowls for Bimodal Imaging-Guided Multidrug Chemo-Photothermal Synergistic Therapy. <i>Chemistry of Materials</i> , 2018, 30, 3722-3733.	6.7	41
362	Hierarchical and Highly Stable Conductive Network Cathode for Ultraflexible Li ⁺ S Batteries. <i>ACS Applied Energy Materials</i> , 2018, 1, 2689-2697.	5.1	10
363	The electronic and optical properties of carbon nitride derivatives: A first principles study. <i>Applied Surface Science</i> , 2018, 453, 442-448.	6.1	28
364	Aggregation-Induced Long-Lived Phosphorescence in Nonconjugated Polyurethane Derivatives at 77 K. <i>Macromolecules</i> , 2018, 51, 4178-4184.	4.8	33
365	A theoretical design of performant chlorinated benzothiadiazole-based polymers as donor for organic photovoltaic devices. <i>Organic Electronics</i> , 2018, 61, 46-55.	2.6	5
366	Continuous detection of HCl and NH ₃ gases with a high-performance fluorescent polymer sensor. <i>New Journal of Chemistry</i> , 2018, 42, 13367-13374.	2.8	39
367	Theoretical studies on the chiral polyoxoanions [P ₂ Mo ₁₈ O ₆₂] ⁶⁻ and [PMo ₉ O ₃₁ (OH) ₂] ₃ ³⁻ with histidine: chiral inversion and chiral induction. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1992-1997.	6.0	0
368	Orthogonal reactivity of Ni(<i>scpd</i>)/Pd(0) dual catalysts for Ullmann C-C cross-coupling: theoretical insight. <i>Chemical Communications</i> , 2018, 54, 7959-7962.	4.1	15
369	Metal-Organic Frameworks with Organogold(III) Complexes for Photocatalytic Amine Oxidation with Enhanced Efficiency and Selectivity. <i>Chemistry - A European Journal</i> , 2018, 24, 15089-15095.	3.3	18
370	An ultra-stable porous coordination polymer for water-mediated proton conduction. <i>Inorganic Chemistry Communication</i> , 2018, 96, 153-158.	3.9	12
371	Uniform NiCo ₂ O ₄ /NiFe ₂ O ₄ hollow nanospheres with excellent properties for Li-ion batteries and supercapacitors. <i>Journal of Alloys and Compounds</i> , 2018, 767, 223-231.	5.5	25
372	A difunctional metal-organic framework with Lewis basic sites demonstrating turn-off sensing of Cu ²⁺ and sensitization of Ln ³⁺ . <i>Journal of Materials Chemistry C</i> , 2018, 6, 7874-7879.	5.5	24
373	Theoretical Mechanistic Study of Nickel(0)/Lewis Acid Catalyzed Polyfluoroarylcyanation of Alkynes: Origin of Selectivity for C-CN Bond Activation. <i>Organometallics</i> , 2018, 37, 2594-2601.	2.3	12
374	Introduction of Molecular Building Blocks to Improve the Stability of Metal-Organic Frameworks for Efficient Mercury Removal. <i>Inorganic Chemistry</i> , 2018, 57, 6118-6123.	4.0	44
375	Ir ^{III} /Ni ^{II} -Metallaphotoredox catalysis: the oxidation state modulation mechanism <i>versus</i> the radical mechanism. <i>Chemical Communications</i> , 2018, 54, 5968-5971.	4.1	36
376	Single step synthesized three dimensional spindle-like nanoclusters as lithium-ion battery anodes. <i>CrystEngComm</i> , 2018, 20, 3043-3048.	2.6	3
377	Molecular Engineering of Phenylbenzimidazole-Based Orange Ir(III) Phosphors toward High-Performance White OLEDs. <i>Inorganic Chemistry</i> , 2018, 57, 6029-6037.	4.0	12
378	Monodisperse and Tiny Co ₂ N _{0.67} Nanocrystals Uniformly Embedded over Two Curving Surfaces of Hollow Carbon Microfibers as Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>ACS Applied Nano Materials</i> , 2018, 1, 4461-4473.	5.0	23

#	ARTICLE	IF	CITATIONS
379	Functionalized polyoxometalate-based metal-organic cuboctahedra for selective adsorption toward cationic dyes in aqueous solution. <i>Dalton Transactions</i> , 2018, 47, 12979-12983.	3.3	34
380	Supercapacitor with high cycling stability through electrochemical deposition of metal-organic frameworks/polypyrrole positive electrode. <i>Dalton Transactions</i> , 2018, 47, 13472-13478.	3.3	64
381	Beryllium-beryllium double- π bonds in the octahedral cluster of $\text{Be}_2(\frac{1}{4}\text{X})_4$ ($\text{X} = \text{Li}, \text{Cu}, \text{BeF}$). <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 23898-23902.	2.8	38
382	Stimulating intra- and intermolecular charge transfer and nonlinear optical response for biphenalenyl biradicaloid dimer under an external electric field. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 18699-18706.	2.8	14
383	Influence of Aggregation on the Structure and Fluorescent Properties of a Tetraphenylethylene Derivative: a Theoretical Study. <i>ChemPhysChem</i> , 2017, 18, 755-762.	2.1	23
384	A noncovalently connected metal-organic framework assembled from a Ni(iii)-supported polyoxometalate-imidazolate hybrid. <i>CrystEngComm</i> , 2017, 19, 1721-1724.	2.6	13
385	Graphene-coated hybrid electrocatalysts derived from bimetallic metal-organic frameworks for efficient hydrogen generation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 5000-5006.	10.3	92
386	Syntheses, structures, luminescent and photocatalytic properties of two Zn(II) coordination polymers assembled with mixed bridging N-donors and 2-(4-carboxyphenyl)-4,5-imidazole dicarboxylic acid ligand. <i>Journal of Molecular Structure</i> , 2017, 1134, 504-510.	3.6	11
387	Synthesis of red-emitting cationic Ir (III) complex and its application in white light-emitting electrochemical cells. <i>Organic Electronics</i> , 2017, 42, 303-308.	2.6	19
388	A luminescent metal organic framework with high sensitivity for detecting and removing copper ions from simulated biological fluids. <i>Dalton Transactions</i> , 2017, 46, 2456-2461.	3.3	72
389	Encapsulation of an iridium complex in a metal-organic framework to give a composite with efficient white light emission. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 547-552.	6.0	42
390	Theoretical Design of Perylene Diimide Dimers with Different Linkers and Bridged Positions as Promising Non-Fullerene Acceptors for Organic Photovoltaic Cells. <i>Journal of Physical Chemistry C</i> , 2017, 121, 2125-2134.	3.1	50
391	Designed Synthesis of Lipid-Coated Polyacrylic Acid/Calcium Phosphate Nanoparticles as Dual pH-Responsive Drug-Delivery Vehicles for Cancer Chemotherapy. <i>Chemistry - A European Journal</i> , 2017, 23, 6586-6595.	3.3	26
392	A neutral dinuclear Ir(III) complex for anti-counterfeiting and data encryption. <i>Chemical Communications</i> , 2017, 53, 3022-3025.	4.1	68
393	Phenalenyl π -Dimer under the External Electric Field: Two-Electron/12-Center Bonding Breaking and Emergence of Electrostatic Interaction. <i>Journal of Physical Chemistry C</i> , 2017, 121, 3765-3770.	3.1	12
394	Diamondoid-structured polymolybdate-based metal-organic frameworks as high-capacity anodes for lithium-ion batteries. <i>Chemical Communications</i> , 2017, 53, 5204-5207.	4.1	92
395	A hexanuclear cobalt metal-organic framework for efficient CO_2 reduction under visible light. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12498-12505.	10.3	106
396	Low-cost p-type dye-sensitized solar cells based on Dawson-type transition metal-substituted polyoxometalate inorganic co-sensitizers. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1187-1191.	6.0	13

#	ARTICLE	IF	CITATIONS
397	Metal-organic frameworks constructed from tbb and carboxylate acid ligands: selective sensing of nitro explosives and magnetic properties. Dalton Transactions, 2017, 46, 7567-7576.	3.3	33
398	Construction of porous covalent organic polymer as photocatalysts for RhB degradation under visible light. Science Bulletin, 2017, 62, 931-937.	9.0	25
399	The conversion of donor to acceptor and rational design for diketopyrrolopyrrole-containing small molecule acceptors by introducing nitrogen-atoms for organic solar cells. RSC Advances, 2017, 7, 31800-31806.	3.6	17
400	Electrochemical and diffuse reflectance study on tetrahedral μ -Keggin-based metal-organic frameworks. RSC Advances, 2017, 7, 31544-31548.	3.6	12
401	Boron/nitrogen substituted the staggered hetero-dimers: Fascinating intermolecular charge-transfer and large NLO responses. Dyes and Pigments, 2017, 145, 21-28.	3.7	13
402	A novel Ta/W mixed-addendum polyoxometalate with photocatalytic properties. Dalton Transactions, 2017, 46, 10177-10180.	3.3	16
403	Effect of polyoxometalate in organic-inorganic hybrids on charge transfer and absorption spectra towards sensitizers. Dyes and Pigments, 2017, 142, 379-386.	3.7	20
404	Conductive metal adatoms adsorbed on graphene nanoribbons: a first-principles study of electronic structures, magnetization and transport properties. Journal of Materials Chemistry C, 2017, 5, 4053-4062.	5.5	12
405	Oxidative Polyoxometalates Modified Graphitic Carbon Nitride for Visible-Light CO_2 Reduction. ACS Applied Materials & Interfaces, 2017, 9, 11689-11695.	8.0	122
406	A stable pillared-layer Cu metal-organic framework with magnetic properties for dye adsorption and separation. New Journal of Chemistry, 2017, 41, 3661-3666.	2.8	33
407	Effect of Imidazole Arrangements on Proton-Conductivity in Metal-Organic Frameworks. Journal of the American Chemical Society, 2017, 139, 6183-6189.	13.7	436
408	Theoretical design of three-dimensional non-fullerene acceptor materials based on an arylenediimide unit towards high efficiency organic solar cells. New Journal of Chemistry, 2017, 41, 3857-3864.	2.8	14
409	Syntheses, Structures, and Photophysical Properties of Two Coordination Polymers Based on 2,3,4-tetrahydroquinoxaline-6-carboxylic Acid. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 531-535.	1.2	0
410	Metal-organic frameworks based on multi-carboxylate ligands with threefold symmetries and luminescence properties. Inorganic Chemistry Communication, 2017, 79, 69-73.	3.9	4
411	Rational design and synthesis of cationic Ir(III) complexes with triazolate cyclometalated and ancillary ligands for multi-color tuning. Dyes and Pigments, 2017, 139, 524-532.	3.7	21
412	Control of bulk homochirality and proton conductivity in isostructural chiral metal-organic frameworks. Chemical Communications, 2017, 53, 1892-1895.	4.1	47
413	Self-organization towards complex multi-fold meso-helices in the structures of Wells-Dawson polyoxometalate-based hybrid materials for lithium-ion batteries. Journal of Materials Chemistry A, 2017, 5, 3371-3376.	10.3	70
414	Di-/trinuclear cationic Ir(III) complexes: Design, synthesis and application for highly sensitive and selective detection of TNP in aqueous solution. Sensors and Actuators B: Chemical, 2017, 244, 314-322.	7.8	19

#	ARTICLE	IF	CITATIONS
415	Changes of coordination modes of Cu-based coordination complexes as tuneable proton-conducting solid electrolytes. <i>Journal of Materials Chemistry A</i> , 2017, 5, 1085-1093.	10.3	31
416	First principles study for the key electronic, optical and nonlinear optical properties of novel donor-acceptor chalcones. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 72, 58-69.	2.4	94
417	Intra- and Intermolecular Charge Transfer in a Novel Dimer: Cooperatively Enhancing Second-Order Optical Nonlinearity. <i>Journal of Physical Chemistry C</i> , 2017, 121, 25472-25478.	3.1	19
418	Precise synthesis of unique polydopamine/mesoporous calcium phosphate hollow Janus nanoparticles for imaging-guided chemo-photothermal synergistic therapy. <i>Chemical Science</i> , 2017, 8, 8067-8077.	7.4	125
419	Theoretical studies on lindqvist polyoxometalates [M ₆ O ₁₉] ⁿ⁻ (M=Mo, W, n=2; M=V, Nb, Ta, n=8) and derivatives: Electronic structures, stability and bonding. <i>Journal of Theoretical and Computational Chemistry</i> , 2017, 16, 1750054.	1.8	6
420	One-pot controllable synthesis of CoFe ₂ O ₄ solid, hollow and multi-shell hollow nanospheres as superior anode materials for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 21994-22003.	10.3	42
421	Self-assembly and photocatalytic H ₂ evolution activity of two nanoscale polytantalotungstates based on unprecedented {Cr ₃ Ta ₆ } and {Cr ₄ Ta ₁₂ } clusters. <i>Journal of Materials Chemistry A</i> , 2017, 5, 22970-22974.	10.3	22
422	Superatoms-Induced Effects of Phenalenyl ĩ-Dimer on NICS and NLO Properties: Not Always Enhancement. <i>Journal of Physical Chemistry C</i> , 2017, 121, 20419-20425.	3.1	13
423	Two nanoscale Nb containing polyoxometalates based on {P ₂ W ₁₅ Nb ₃ O ₆₂ } clusters and chromium cations. <i>Dalton Transactions</i> , 2017, 46, 13345-13348.	3.3	12
424	Two metal-organic frameworks based on a flexible dithioether spacer with luminescence and sensing properties. <i>Inorganic Chemistry Communication</i> , 2017, 86, 271-275.	3.9	4
425	Rational molecular design of aggregation-induced emission cationic Ir(III) phosphors achieving supersensitive and selective detection of nitroaromatic explosives. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10847-10854.	5.5	40
426	Near-infrared light and pH-responsive Au@carbon/calcium phosphate nanoparticles for imaging and chemo-photothermal cancer therapy of cancer cells. <i>Dalton Transactions</i> , 2017, 46, 14746-14751.	3.3	21
427	Aromaticity of graphene nanoflakes in a new way: fragment analysis by combination of the nucleus-independent chemical shifts and the anisotropy of current induced density. <i>Journal of Molecular Modeling</i> , 2017, 23, 231.	1.8	5
428	How does a little difference in structure determine whether molecules have thermally activated delayed fluorescence characteristic or not?. <i>Organic Electronics</i> , 2017, 50, 70-76.	2.6	18
429	Design of Hexabenzocoronene Derivatives as Non-Fullerene Acceptors in Organic Photovoltaics by Bridging Dimers and Modulating Structural Twists. <i>Solar Rrl</i> , 2017, 1, 1700060.	5.8	22
430	Thermally Activated Delayed Fluorescence in Cu ^I Complexes Originating from Restricted Molecular Vibrations. <i>Chemistry - A European Journal</i> , 2017, 23, 11761-11766.	3.3	45
431	1,4-Azaborine as a controller of triplet energy, exciton distribution, and aromaticity in [6]cycloparaphenylenes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9088-9097.	5.5	8
432	An unprecedented 3D architecture based on a Nb/W mixed-addendum polyoxometalate and lanthanide-organic complex: synthesis, crystal structure and properties. <i>New Journal of Chemistry</i> , 2017, 41, 10532-10536.	2.8	11

#	ARTICLE	IF	CITATIONS
433	Achieving High Performances of Nondoped OLEDs Using Carbazole and Diphenylphosphoryl-Functionalized Ir(III) Complexes as Active Components. <i>Inorganic Chemistry</i> , 2017, 56, 9979-9987.	4.0	30
434	Computational Study on M ₁ /POM Single-Atom Catalysts (M = Cu, Zn, Ag, and Au; POM =) for Alkene Epoxidation. <i>Inorganic Chemistry</i> , 2017, 56, 10496-10504.	4.0	33
435	A highly stable polyoxometalate-based metal-organic framework with an ABW zeolite-like structure. <i>Chemical Communications</i> , 2017, 53, 10054-10057.	4.1	66
436	From blue to full color – theoretical design and characterization of a series of Ir(III) complexes containing azoline ligand with potential application in OLEDs. <i>Dalton Transactions</i> , 2017, 46, 11491-11502.	3.3	13
437	A theoretical exploration of the effect of fluorine and cyano substitutions in diketopyrrolopyrrole-based polymer donor for organic solar cells. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 77, 9-16.	2.4	12
438	Synergistic Mechanistic Study of Nickel(0)/Lewis Acid Catalyzed Cyanoesterification: Effect of Lewis Acid. <i>Organometallics</i> , 2017, 36, 4713-4720.	2.3	11
439	Tuning the inter-molecular charge transfer, second-order nonlinear optical and absorption spectra properties of a Ir-dimer under an external electric field. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 31958-31964.	2.8	16
440	Exploring what prompts ITIC to become a superior acceptor in organic solar cell by combining molecular dynamics simulation with quantum chemistry calculation. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 31227-31235.	2.8	39
441	An AIE-active phosphorescent Ir(III) complex with piezochromic luminescence (PCL) and its application for monitoring volatile organic compounds (VOCs). <i>Journal of Materials Chemistry C</i> , 2017, 5, 12189-12193.	5.5	44
442	Highly tuneable proton-conducting coordination polymers derived from a sulfonate-based ligand. <i>CrystEngComm</i> , 2017, 19, 7050-7056.	2.6	28
443	Facile preparation of fluorescent Au nanoclusters-based test papers for recyclable detection of Hg ²⁺ and Pb ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 592-600.	7.8	68
444	Theoretical design and study on hexamolybdate-based organic-inorganic hybrids with double D-π-A chains for high performance p-type dye-sensitized solar cells (DSSCs). <i>Dyes and Pigments</i> , 2017, 137, 372-377.	3.7	9
445	A visible-light responsive zirconium metal-organic framework for living photopolymerization of methacrylates. <i>RSC Advances</i> , 2016, 6, 66444-66450.	3.6	18
446	Facile Fabrication of Well-Dispersed Pt Nanoparticles in Mesoporous Silica with Large Open Spaces and Their Catalytic Applications. <i>Chemistry - A European Journal</i> , 2016, 22, 9293-9298.	3.3	15
447	The inner-induced effects of YCN in C76 on the structures and nonlinear optical properties. <i>Journal of Molecular Modeling</i> , 2016, 22, 174.	1.8	3
448	Three Keggin-Type Transition Metal-Substituted Polyoxometalates as Pure Inorganic Photosensitizers for p-Type Dye-Sensitized Solar Cells. <i>Chemistry - A European Journal</i> , 2016, 22, 3234-3238.	3.3	22
449	The Enhancement on Proton Conductivity of Stable Polyoxometalate-Based Coordination Polymers by the Synergistic Effect of Multi-Proton Units. <i>Chemistry - A European Journal</i> , 2016, 22, 9299-9304.	3.3	42
450	Luminescent Metal-Organic Frameworks with Anthracene Chromophores: Small-Molecule Sensing and Highly Selective Sensing for Nitro Explosives. <i>Crystal Growth and Design</i> , 2016, 16, 4374-4382.	3.0	91

#	ARTICLE	IF	CITATIONS
451	Large Size Color-tunable Electroluminescence from Cationic Iridium Complexes-based Light-emitting Electrochemical Cells. <i>Scientific Reports</i> , 2016, 6, 27613.	3.3	16
452	Theoretical study on the charge transfer mechanism at donor/acceptor interface: Why TTF/TCNQ is inadaptable to photovoltaics?. <i>Journal of Chemical Physics</i> , 2016, 145, 244705.	3.0	13
453	Derivation and Decoration of Nets with Trigonal-Prismatic Nodes: A Unique Route to Reticular Synthesis of Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2016, 138, 5299-5307.	13.7	84
454	A theoretical design and investigation on Zn-porphyrin-polyoxometalate hybrids with different I^- -linkers for searching high performance sensitizers of p-type dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2016, 130, 168-175.	3.7	27
455	Simple molecular structure design of iridium(III) complexes: Achieving highly efficient non-doped devices with low efficiency roll-off. <i>Organic Electronics</i> , 2016, 35, 142-150.	2.6	20
456	Assembly of Mn-Containing Unprecedented Selenotungstate Clusters with Photocatalytic H_2 Evolution Activity. <i>Crystal Growth and Design</i> , 2016, 16, 2481-2486.	3.0	21
457	Assembly of two novel 3D organic-inorganic hybrids based on Keggin-type polyoxometalates: syntheses, crystal structures and properties. <i>CrystEngComm</i> , 2016, 18, 6370-6377.	2.6	35
458	A fluorescent sensor for highly selective sensing of nitro explosives and Hg^{2+} ions based on a 3D porous layer metal-organic framework. <i>CrystEngComm</i> , 2016, 18, 4765-4771.	2.6	31
459	Connecting effect on the first hyperpolarizability of armchair carbon-boron-nitride heteronanotubes: pattern versus proportion. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 13954-13959.	2.8	17
460	Two-electron/24-center (2e/24c) bonding in novel diradical I^- -dimers. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29041-29044.	2.8	7
461	An Anionic Interpenetrated Zeolite-Like Metal-Organic Framework Composite As a Tunable Dual-Emission Luminescent Switch for Detecting Volatile Organic Molecules. <i>Chemistry - A European Journal</i> , 2016, 22, 17298-17304.	3.3	71
462	Keplerate-type polyoxometalate/semiconductor composite electrodes with light-enhanced conductivity towards highly efficient photoelectronic devices. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14025-14032.	10.3	49
463	TiO ₂ film decorated with highly dispersed polyoxometalate nanoparticles synthesized by micelle directed method for the efficiency enhancement of dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2016, 328, 1-7.	7.8	24
464	Ligand-Directed Assembly of Polyoxovanadate-Based Metal-Organic Polyhedra. <i>Inorganic Chemistry</i> , 2016, 55, 8770-8775.	4.0	55
465	A comparative study of a fluorene-based non-fullerene electron acceptor and PC61BM in an organic solar cell at a quantum chemical level. <i>RSC Advances</i> , 2016, 6, 81164-81173.	3.6	45
466	Synthesis, structures, and magnetic properties of metal-organic polyhedra based on unprecedented $\{\text{V}_7\}$ isopolyoxometalate clusters. <i>Dalton Transactions</i> , 2016, 45, 14898-14901.	3.3	34
467	Two-State Reactivity Mechanism of Benzene C-C Activation by Trinuclear Titanium Hydride. <i>Journal of the American Chemical Society</i> , 2016, 138, 11069-11072.	13.7	50
468	Facile one-pot synthesis of carbon/calcium phosphate/ Fe_3O_4 composite nanoparticles for simultaneous imaging and pH/NIR-responsive drug delivery. <i>Chemical Communications</i> , 2016, 52, 11068-11071.	4.1	43

#	ARTICLE	IF	CITATIONS
469	The interaction between Boron-carbon-nitride heteronanotubes and lithium atoms: Role of composition proportion. <i>Chemical Physics Letters</i> , 2016, 658, 230-233.	2.6	6
470	Tuning Emission of AIE-Active Organometallic Ir(III) Complexes by Simple Modulation of Strength of Donor/Acceptor on Ancillary Ligands. <i>Organometallics</i> , 2016, 35, 3996-4001.	2.3	46
471	Theoretical design and characterization of high-efficiency organic dyes with different electron-withdrawing groups based on C275 toward dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 2016, 40, 9320-9328.	2.8	18
472	NIR-responsive NaYF ₄ :Yb,Er,Gd fluorescent upconversion nanorods for the highly sensitive detection of blood fingerprints. <i>Dyes and Pigments</i> , 2016, 134, 178-185.	3.7	45
473	The transport properties of silicon and carbon nanotubes at the atomic scale: a first-principles study. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23643-23650.	2.8	9
474	Aggregation-induced emission (AIE) active iridium complexes toward highly efficient single-layer non-doped electroluminescent devices. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10464-10470.	5.5	27
475	Ir(III) Phosphors Modified with Fluorine Atoms in Pyridine-1,2,4-triazolyl Ligands for Efficient OLEDs Possessing Low-Efficiency Roll-off. <i>Organometallics</i> , 2016, 35, 3870-3877.	2.3	23
476	Metal-Organic Framework with Aromatic Rings Tentacles: High Sulfur Storage in Li-S Batteries and Efficient Benzene Homologues Distinction. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33183-33188.	8.0	36
477	Self-assembly and photocatalytic properties of Ta/W mixed-addendum polyoxometalate and transition-metal cations. <i>CrystEngComm</i> , 2016, 18, 8722-8725.	2.6	22
478	Low efficiency roll-off and high performance OLEDs employing alkyl group modified iridium(Ir^{III}) complexes as emitters. <i>RSC Advances</i> , 2016, 6, 111556-111563.	3.6	7
479	Self-assembly and photocatalytic H ₂ evolution activity of two unprecedented polytungstates based on the largest {Ta ₁₈ } and {Ta ₁₈ Yb ₂ } clusters. <i>Chemical Communications</i> , 2016, 52, 13787-13790.	4.1	25
480	SnO ₂ @N-Doped Carbon Hollow Nanoclusters for Advanced Lithium-Ion Battery Anodes. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 812-817.	2.0	12
481	A machine learning correction for DFT non-covalent interactions based on the S22, S66 and X40 benchmark databases. <i>Journal of Cheminformatics</i> , 2016, 8, 24.	6.1	32
482	A carbon-free polyoxometalate molecular catalyst with a cobalt-arsenic core for visible light-driven water oxidation. <i>Chemical Communications</i> , 2016, 52, 9514-9517.	4.1	37
483	Anderson-like alkoxo-polyoxovanadate clusters serving as unprecedented second building units to construct metal-organic polyhedra. <i>Chemical Communications</i> , 2016, 52, 9632-9635.	4.1	70
484	Theoretical studies on oxidation-switchable second-order nonlinear optical responses of Metallosalen-Keggin polyoxometalate derivatives. <i>RSC Advances</i> , 2016, 6, 53438-53443.	3.6	3
485	Structure and Frontier Molecular Orbital (FMO) energies of β -Keggin-type polyoxometalate [PW ₁₂ O ₄₀] ³⁻ : A systematical study with different functionals of density functional theory. <i>Computational and Theoretical Chemistry</i> , 2016, 1089, 28-34.	2.5	9
486	Tailored Synthesis of Octopus-type Janus Nanoparticles for Synergistic Actively-Targeted and Chemophotothermal Therapy. <i>Angewandte Chemie</i> , 2016, 128, 2158-2161.	2.0	21

#	ARTICLE	IF	CITATIONS
487	Tailored Synthesis of Octopus-type Janus Nanoparticles for Synergistic Actively-Targeted and Chemo-Photothermal Therapy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2118-2121.	13.8	236
488	Pure inorganic D4A type polyoxometalate/reduced graphene oxide nanocomposite for the photoanode of dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3297-3303.	10.3	37
489	Enhanced proton and electron reservoir abilities of polyoxometalate grafted on graphene for high-performance hydrogen evolution. <i>Energy and Environmental Science</i> , 2016, 9, 1012-1023.	30.8	138
490	Electrical conductivity and electroluminescence of a new anthracene-based metal-organic framework with π -conjugated zigzag chains. <i>Chemical Communications</i> , 2016, 52, 2019-2022.	4.1	102
491	Latent harmony in dicarbon between VB and MO theories through orthogonal hybridization of $3f_g$ and $2f_u$. <i>Chemical Science</i> , 2016, 7, 1028-1032.	7.4	24
492	TDDFT studies on the chiroptical properties of a chiral inorganic polythioanion M π bius strip. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 86-91.	6.0	2
493	Trimeric hexa-dimethyltin-functionalized selenotungstate $\{[Sn(CH_3)_2(CH_2COO)]_3\}_3[Sn(CH_3)_2(CH_2COO)]_3\}_3[SeO_4]_3$. <i>CrystEngComm</i> , 2016, 18, 2820-2824.		
494	Syntheses, crystal structures and properties of metal-organic rotaxane frameworks with cucurbit[6]uril. <i>CrystEngComm</i> , 2016, 18, 2327-2336.	2.6	20
495	Polyoxovanadate-based organic-inorganic hybrids: from $\{V_5O_9Cl\}$ clusters to nanosized octahedral cages. <i>Dalton Transactions</i> , 2016, 45, 3698-3701.	3.3	47
496	Highly efficient visible-light-driven CO ₂ reduction to formate by a new anthracene-based zirconium MOF via dual catalytic routes. <i>Journal of Materials Chemistry A</i> , 2016, 4, 2657-2662.	10.3	231
497	Coordination and supramolecular assembly of $\{Cd_2Ge_8V_{12}O_{48}\}$ building block and cucurbit[6] to form rotaxane-shaped hybrids. <i>Dalton Transactions</i> , 2016, 45, 4989-4992.	3.3	10
498	Towards an efficient blue emission cationic Ir(III) complex with azole-type ancillary ligands: a joint theoretical and experimental study. <i>New Journal of Chemistry</i> , 2016, 40, 4635-4642.	2.8	5
499	A stable Alq ₃ @MOF composite for white-light emission. <i>Chemical Communications</i> , 2016, 52, 3288-3291.	4.1	81
500	Flexible blue-green and white light-emitting electrochemical cells based on cationic iridium complex. <i>Organic Electronics</i> , 2016, 28, 314-318.	2.6	36
501	Theoretical design of organic-inorganic hybrids based on hexamolybdate toward high performance dye-sensitized solar cells. <i>Molecular Simulation</i> , 2016, 42, 688-692.	2.0	1
502	A Highly Energetic N-Rich Zeolite-Like Metal-Organic Framework with Excellent Air Stability and Insensitivity. <i>Advanced Science</i> , 2015, 2, 1500150.	11.2	53
503	Steam-Assisted Synthesis of an Extra-Stable Polyoxometalate-Encapsulating Metal Azolate Framework: Applications in Reagent Purification and Proton Conduction. <i>Chemistry - A European Journal</i> , 2015, 21, 13058-13064.	3.3	33
504	A pillar-layer MOF for detection of small molecule acetone and metal ions in dilute solution. <i>RSC Advances</i> , 2015, 5, 48881-48884.	3.6	31

#	ARTICLE	IF	CITATIONS
505	Syntheses, structures, magnetic and luminescence properties of a series of coordination polymers constructed from 1,4-naphthalenedicarboxylate and N-donor ligands. <i>CrystEngComm</i> , 2015, 17, 4517-4524.	2.6	14
506	Designed preparation of polyacrylic acid/calcium carbonate nanoparticles with high doxorubicin payload for liver cancer chemotherapy. <i>CrystEngComm</i> , 2015, 17, 4768-4773.	2.6	34
507	Redox and acidic properties of chalcogenido-substituted mixed-metal polyoxoanions: a DFT study of $[PWO_{39}ME]^{4-}$ (M = Nb, Ta; E = O, S, Se). <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 246-253.	6.0	7
508	Self-assembled arrays of polyoxometalate-based metal-organic nanotubes for proton conduction and magnetism. <i>Chemical Communications</i> , 2015, 51, 11313-11316.	4.1	70
509	Rational modifications on ruthenium terpyridine sensitizers with large J_{sc} for dye-sensitized solar cells: combined DFT and relativistic TDDFT studies. <i>RSC Advances</i> , 2015, 5, 100169-100175.	3.6	2
510	Rational design of a highly sensitive and selective α -turn-on fluorescent sensor for PO_4^{3-} detection. <i>Dalton Transactions</i> , 2015, 44, 20830-20833.	3.3	35
511	Modulating the Charge Transfer of π -S π A Molecules: Structures and NLO Properties. <i>Journal of Physical Chemistry A</i> , 2015, 119, 767-773.	2.5	14
512	Assembly of tetrameric dimethyltin-functionalized selenotungstates: from nanoclusters to one-dimensional chains. <i>Chemical Communications</i> , 2015, 51, 2433-2436.	4.1	22
513	In situ assembly of monodispersed Ag nanoparticles in the channels of ordered mesopolymers as a highly active and reusable hydrogenation catalyst. <i>Journal of Materials Chemistry A</i> , 2015, 3, 4307-4313.	10.3	46
514	Synthesis, crystal structure, and application of an acenaphtho[1,2-k] fluoranthene diimide derivative. <i>Science China Chemistry</i> , 2015, 58, 364-369.	8.2	20
515	A stable metal-organic framework with suitable pore sizes and rich uncoordinated nitrogen atoms on the internal surface of micropores for highly efficient CO_2 capture. <i>Journal of Materials Chemistry A</i> , 2015, 3, 7361-7367.	10.3	86
516	Assembly of Large Purely Inorganic Ce-Stabilized/Bridged Selenotungstates: From Nanoclusters to Layers. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1184-1191.	3.3	13
517	Photosensitive polyoxometalate-induced formation of thermotropic liquid crystal nanomaterial and its photovoltaic effect. <i>RSC Advances</i> , 2015, 5, 8194-8198.	3.6	6
518	Simultaneous modification of N-alkyl chains on cyclometalated and ancillary ligands of cationic iridium(III) complexes towards efficient piezochromic luminescence properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2341-2349.	5.5	37
519	Role of Excess Electrons in Nonlinear Optical Response. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 612-619.	4.6	181
520	Assembly of organic-inorganic hybrid materials constructed from polyoxometalate and metal-1,2,4-triazole units: synthesis, structures, magnetic, electrochemical and photocatalytic properties. <i>CrystEngComm</i> , 2015, 17, 2176-2189.	2.6	77
521	One lithium atom binding with P-nitroaniline: lithium salts or lithium electrides?. <i>Journal of Molecular Modeling</i> , 2015, 21, 23.	1.8	11
522	A stable luminescent anionic porous metal-organic framework for moderate adsorption of CO_2 and selective detection of nitro explosives. <i>Journal of Materials Chemistry A</i> , 2015, 3, 7224-7228.	10.3	93

#	ARTICLE	IF	CITATIONS
523	Coordination assemblies of seven metal-organic frameworks based on a bent connector: structural diversity and properties. <i>CrystEngComm</i> , 2015, 17, 3129-3138.	2.6	21
524	Facile and Scalable Synthesis of Novel Spherical Au Nanocluster Assemblies@Polyacrylic Acid/Calcium Phosphate Nanoparticles for Dual-Modal Imaging-Guided Cancer Chemotherapy. <i>Small</i> , 2015, 11, 3162-3173.	10.0	65
525	Superalkali atoms bonding to the phenalenyl radical: structures, intermolecular interaction and nonlinear optical properties. <i>Journal of Molecular Modeling</i> , 2015, 21, 209.	1.8	8
526	Assembly of Zn-metal organic frameworks based on a N-rich ligand: selective sorption for CO ₂ and luminescence sensing of nitro explosives. <i>RSC Advances</i> , 2015, 5, 49606-49613.	3.6	28
527	Theoretical investigation of armchair silicene nanoribbons with application in stretchable electronics. <i>Journal of Materials Chemistry C</i> , 2015, 3, 10085-10090.	5.5	7
528	POM-based inorganic-organic hybrid compounds: synthesis, structures, highly-connected topologies and photodegradation of organic dyes. <i>RSC Advances</i> , 2015, 5, 59093-59098.	3.6	17
529	Cluster-based metal-organic frameworks as sensitive and selective luminescent probes for sensing nitro explosives. <i>New Journal of Chemistry</i> , 2015, 39, 7858-7862.	2.8	34
530	Quantum Chemical Insight into the LiF Interlayer Effects in Organic Electronics: Reactions between Al Atom and LiF Clusters. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 2950-2958.	4.6	7
531	New AIE-active dinuclear Ir(III) complexes with reversible piezochromic phosphorescence behaviour. <i>Chemical Communications</i> , 2015, 51, 13036-13039.	4.1	63
532	Enhanced Visible Photovoltaic Response of TiO ₂ Thin Film with an All-Inorganic Donor-Acceptor Type Polyoxometalate. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13714-13721.	8.0	78
533	A strategy for breaking the MOF template to obtain small-sized and highly dispersive polyoxometalate clusters loaded on solid films. <i>Journal of Materials Chemistry A</i> , 2015, 3, 14573-14577.	10.3	25
534	Ultrastable Polymolybdate-Based Metal-Organic Frameworks as Highly Active Electrocatalysts for Hydrogen Generation from Water. <i>Journal of the American Chemical Society</i> , 2015, 137, 7169-7177.	13.7	584
535	Theoretical studies on tricarbonyl metal derivatives of Lindqvist-type polyoxometalate complexes: electronic structures and nonlinear optical properties. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 544-549.	6.0	7
536	Exploring the influence of electron donating/withdrawing groups on hexamolybdate-based derivatives for efficient p-type dye-sensitized solar cells (DSSCs). <i>RSC Advances</i> , 2015, 5, 39821-39827.	3.6	30
537	Theoretical exploration to the cation effect on the second-order nonlinear optical properties of Strandberg-type polyoxometalates. <i>Journal of Theoretical and Computational Chemistry</i> , 2015, 14, 1550007.	1.8	2
538	Exploring the electronic properties and cation complexation of polyoxoaurates [AuIII ₄ X ₄ O _m] ⁿ⁻ (X =) <i>Physics</i> , 2015, 17, 11521-11526.	2.8	2
539	Theoretical design and characterization of pyridalithiadiazole-based chromophores with fast charge transfer at donor/acceptor interface toward small molecule organic photovoltaics. <i>RSC Advances</i> , 2015, 5, 29401-29411.	3.6	46
540	Evidence of Amine-CO ₂ Interactions in Two Pillared-Layer MOFs Probed by X-ray Crystallography. <i>Chemistry - A European Journal</i> , 2015, 21, 7238-7244.	3.3	36

#	ARTICLE	IF	CITATIONS
541	Stable Luminescent Metal-Organic Frameworks as Dual-Functional Materials To Encapsulate Ln ³⁺ Ions for White-Light Emission and To Detect Nitroaromatic Explosives. <i>Inorganic Chemistry</i> , 2015, 54, 3290-3296.	4.0	196
542	A cascaded QSAR model for efficient prediction of overall power conversion efficiency of all-organic dye-sensitized solar cells. <i>Journal of Computational Chemistry</i> , 2015, 36, 1036-1046.	3.3	46
543	A 2D bilayered metal-organic framework as a fluorescent sensor for highly selective sensing of nitro explosives. <i>Dalton Transactions</i> , 2015, 44, 7822-7827.	3.3	94
544	The effect of ring sizes and alkali metal cations on interaction energy, charge transfer and nonlinear optical properties of crown ether derivatives. <i>RSC Advances</i> , 2015, 5, 30107-30119.	3.6	13
545	The composite material based on Dawson-type polyoxometalate and activated carbon as the supercapacitor electrode. <i>Inorganic Chemistry Communication</i> , 2015, 55, 149-152.	3.9	31
546	The assembly of vanadium(IV)-substituted Keggin-type polyoxometalate/graphene nanocomposite and its application in photovoltaic system. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10174-10178.	10.3	30
547	Ammonia borane in an external electric field: structure, charge transfer, and chemical bonding. <i>RSC Advances</i> , 2015, 5, 65991-65997.	3.6	11
548	Metal-organic framework composites with luminescent gold(III) complexes. Strongly emissive and long-lived excited states in open air and photo-catalysis. <i>Chemical Science</i> , 2015, 6, 7105-7111.	7.4	51
549	Co-sensitization promoted light harvesting with a new mixed-addenda polyoxometalate [Cu(C ₁₂ H ₈ N ₂) ₂] ₂ [V ₂ W ₄ O ₁₈] in dye-sensitized solar cells. <i>Dalton Transactions</i> , 2015, 44, 18553-18562.	3.9	18
550	A luminescent dye@MOF as a dual-emitting platform for sensing explosives. <i>Chemical Communications</i> , 2015, 51, 17521-17524.	4.1	93
551	Charge transfer and first hyperpolarizability: cage-like radicals C59X and lithium encapsulated Li@C59X (X=B, N). <i>Journal of Molecular Modeling</i> , 2015, 21, 258.	1.8	9
552	Exploration of charge transfer and absorption spectra of porphyrin-polyoxometalate hybrids to search for high performance sensitizers. <i>RSC Advances</i> , 2015, 5, 93659-93665.	3.6	4
553	A sulfur-free iridium(III) complex for highly selective and multi-signaling mercury(II)-chemosensors. <i>Dalton Transactions</i> , 2015, 44, 19997-20003.	3.3	17
554	Cancer Therapy: Facile and Scalable Synthesis of Novel Spherical Au Nanocluster Assemblies@Polyacrylic Acid/Calcium Phosphate Nanoparticles for Dual-Modal Imaging-Guided Cancer Chemotherapy (<i>Small</i> 26/2015). <i>Small</i> , 2015, 11, 3082-3082.	10.0	3
555	A multifunctional microporous anionic metal-organic framework for column-chromatographic dye separation and selective detection and adsorption of Cr ³⁺ . <i>Journal of Materials Chemistry A</i> , 2015, 3, 23426-23434.	10.3	117
556	Anion-specific aggregation induced phosphorescence emission (AIPE) in an ionic iridium complex in aqueous media. <i>Chemical Communications</i> , 2015, 51, 16924-16927.	4.1	43
557	A Stable Polyoxometalate-Pillared Metal-Organic Framework for Proton-Conducting and Colorimetric Biosensing. <i>Chemistry - A European Journal</i> , 2015, 21, 11894-11898.	3.3	79
558	Controlled synthesis of mesoporous hollow SnO ₂ nanocoons with enhanced lithium storage capability. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22021-22025.	10.3	25

#	ARTICLE	IF	CITATIONS
559	Metal-Organic Rotaxane Frameworks Assembly by Cucurbit[6]uril-Based Pseudorotaxanes and Mixed Ligands. <i>Crystal Growth and Design</i> , 2015, 15, 4311-4317.	3.0	33
560	The facile synthesis of hollow Au nanoflowers for synergistic chemo-photothermal cancer therapy. <i>Chemical Communications</i> , 2015, 51, 14338-14341.	4.1	58
561	"Dancing inside the ball" the structures and nonlinear optical properties of three Sc ₂ S@C ₃ v(8)-C82 isomers. <i>Journal of Molecular Modeling</i> , 2015, 21, 259.	1.8	3
562	Spontaneous chiral resolution of a rare 3D self-penetration coordination polymer for sensitive aqueous-phase detection of picric acid. <i>Dalton Transactions</i> , 2015, 44, 18386-18394.	3.3	52
563	High-Nuclear Vanadoniobate {Nb ₄₈ V ₈ } Multiple-Strand Wheel. <i>Inorganic Chemistry</i> , 2015, 54, 11083-11087.	4.0	27
564	Theoretical studies on POM-based organic-inorganic hybrids containing double Al-A2 chains for high-performance p-type, dye-sensitized solar cells (DSSCs). <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 5459-5465.	2.8	31
565	Theoretical study and design of multifunctional phosphorescent platinum(II) complexes containing triarylboron moieties for efficient OLED emitters. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 2438-2446.	2.8	30
566	3D Racemic Microporous Frameworks and 3D Chiral Supramolecular Architectures Based on Evans-Showell-Type Polyoxometalates Controlled by the Temperature. <i>Crystal Growth and Design</i> , 2015, 15, 164-175.	3.0	38
567	Pillared metal organic frameworks for the luminescence sensing of small molecules and metal ions in aqueous solutions. <i>Dalton Transactions</i> , 2015, 44, 1754-1760.	3.3	64
568	How does hybrid bridging core modification enhance the nonlinear optical properties in donor-acceptor configuration? A case study of dinitrophenol derivatives. <i>Journal of Computational Chemistry</i> , 2015, 36, 118-128.	3.3	52
569	A novel [4 + 3] interpenetrated net containing 7-fold interlocking pseudo-helical chains and exceptional catenane-like motifs. <i>Dalton Transactions</i> , 2015, 44, 2844-2851.	3.3	6
570	Modification of iridium(III) complexes for fabrication of high-performance non-doped organic light-emitting diode. <i>Dyes and Pigments</i> , 2015, 112, 8-16.	3.7	32
571	Rational synthesis, structural characterization and theoretical exploration on third-order nonlinear optical properties of isolated Ag (n=5, 8, 12) alkynyl clusters. <i>Dyes and Pigments</i> , 2015, 113, 299-306.	3.7	8
572	Ag-mediated formation of a 2D cyano-bridged multinuclear silver alkynyl network coupled with the C-C bond cleavage of acetonitrile. <i>CrystEngComm</i> , 2014, 16, 10376-10379.	2.6	13
573	Theoretical Studies on Metalloporphyrin-Polyoxometalates Hybrid Complexes for Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2014, 118, 29623-29628.	3.1	23
574	A TiO ₂ @{Mo ₃₆₈ } composite: synthesis, characterization, and application in dye-sensitized solar cells. <i>Journal of Coordination Chemistry</i> , 2014, 67, 3873-3883.	2.2	2
575	The effect of boron nitride nanotubes size on the HArF interaction by NBO and AIM analysis. <i>International Journal of Quantum Chemistry</i> , 2014, 114, 1692-1696.	2.0	4
576	A Stable Porous Anionic Metal-Organic Framework for Luminescence Sensing of Ln ³⁺ ions and Detection of Nitrobenzene. <i>Chemistry - an Asian Journal</i> , 2014, 9, 749-753.	3.3	77

#	ARTICLE	IF	CITATIONS
577	Three Cobalt(II)-Linked $\{P_{8}W_{48}\}$ Network Assemblies: Syntheses, Structures, and Magnetic and Photocatalysis Properties. <i>Chemistry - an Asian Journal</i> , 2014, 9, 470-478.	3.3	33
578	A designed bithiopheneimide-based conjugated polymer for organic photovoltaic with ultrafast charge transfer at donor/PC71BM interface: theoretical study and characterization. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 25799-25808.	2.8	51
579	Unveiling photophysical properties of cyclometalated iridium(III) complexes with azadipyromethene and dipyrromethene ancillary: a theoretical perspective. <i>RSC Advances</i> , 2014, 4, 62197-62208.	3.6	4
580	Theoretical study on the gas phase reaction of allyl chloride with hydroxyl radical. <i>Journal of Chemical Physics</i> , 2014, 140, 084309.	3.0	5
581	The effect of intermolecular interactions on the charge transport properties of thiazole/thiophene-based oligomers with trifluoromethylphenyl. <i>Journal of Molecular Graphics and Modelling</i> , 2014, 51, 79-85.	2.4	5
582	Solvothermal synthesis and structural characterization of a Cd-triazole-benzenedicarboxylate framework. <i>Inorganic Chemistry Communication</i> , 2014, 40, 8-10.	3.9	7
583	Li doped effect of through novel noncovalent charge transfer on nonlinear optical properties. <i>Dyes and Pigments</i> , 2014, 106, 7-13.	3.7	31
584	Solid-state structural transformation doubly triggered by reaction temperature and time in 3D metal-organic frameworks: great enhancement of stability and gas adsorption. <i>Chemical Science</i> , 2014, 5, 1368.	7.4	62
585	Theoretical study on the transport properties of oligothiophene-diketopyrrolopyrrole derivatives: quinoidal versus aromatic. <i>Theoretical Chemistry Accounts</i> , 2014, 133, 1.	1.4	9
586	Influence of Spiral Framework on Nonlinear Optical Materials. <i>ChemPhysChem</i> , 2014, 15, 929-934.	2.1	10
587	Helical Carbon Segment in Carbon-Boron-Nitride Heteronanotubes: Structure and Nonlinear Optical Properties. <i>ChemPlusChem</i> , 2014, 79, 732-736.	2.8	16
588	Theoretical exploration on switchable NLO response induced by photochromic properties of covalently connected unsymmetrical spiropryan-polyoxometalate complex. <i>Dyes and Pigments</i> , 2014, 106, 105-110.	3.7	16
589	Entangled structures in polyoxometalate-based coordination polymers. <i>Coordination Chemistry Reviews</i> , 2014, 279, 141-160.	18.8	96
590	Self-assembly and photocatalytic hydrogen evolution of a niobium-containing polyoxometalate. <i>Inorganic Chemistry Communication</i> , 2014, 44, 195-197.	3.9	18
591	Intramolecular π -Stacking in Cationic Iridium(III) Complexes with Phenyl-Functionalized Cyclometalated Ligands: Synthesis, Structure, Photophysical Properties, and Theoretical Studies. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2376-2382.	2.0	22
592	Hydrothermal synthesis and structure characterization of two six-connected metal-organic frameworks based on the mixed ligands. <i>Solid State Sciences</i> , 2014, 34, 8-11.	3.2	1
593	Theoretical study and design of triphenylamine-malononitrile-based p-type organic dyes with different π -linkers for dyes-sensitized solar cells. <i>Dyes and Pigments</i> , 2014, 108, 106-114.	3.7	50
594	Mechanism and kinetic study of 3-fluoropropene with hydroxyl radical reaction. <i>Journal of Molecular Graphics and Modelling</i> , 2014, 48, 18-27.	2.4	10

#	ARTICLE	IF	CITATIONS
595	Iridium(III) complexes adopting 1,2-diphenyl-1H-benzimidazole ligands for highly efficient organic light-emitting diodes with low efficiency roll-off and non-doped feature. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2150.	5.5	78
596	Switchable NLO response induced by rotation of metallacarboranes [Ni(III)/IV(C ₂ B ₉ H ₁₁) ₂] ^{+/0} and C, ₂ B-functionalized derivatives. <i>Dalton Transactions</i> , 2014, 43, 5069.	3.3	33
597	Theoretical studies on the hole transport property of tetrathienoarene derivatives: The influence of the position of sulfur atom, substituent and I ⁺ -conjugated core. <i>Organic Electronics</i> , 2014, 15, 602-613.	2.6	42
598	Polyoxometalate supported complexes as effective electron-transfer mediators in dye-sensitized solar cells. <i>Dalton Transactions</i> , 2014, 43, 1493-1497.	3.3	21
599	Green Oxidative Degradation of Methyl Orange with Copper(II) Schiff Base Complexes as Photo-Fenton-Like Catalysts. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 2035-2040.	1.2	19
600	A series of coordination compounds containing rigid multi-pyridine based ligands: syntheses, structures and properties. <i>CrystEngComm</i> , 2014, 16, 2754.	2.6	16
601	A novel organic-inorganic hybrid constructed from the Nyman-type dititanoniobate [Ti ₂ Nb ₈ O ₂₈] ⁸⁻ and copper-organic cations. <i>Dalton Transactions</i> , 2014, 43, 9847.	3.3	11
602	Two carboxyethyltin functionalized polyoxometalates for assembly on carbon nanotubes as efficient counter electrode materials in dye-sensitized solar cells. <i>Chemical Communications</i> , 2014, 50, 14678-14681.	4.1	56
603	The V-shaped polar molecules encapsulated into C ₆₀ (10528)-C ₇₂ : stability and nonlinear optical response. <i>Dalton Transactions</i> , 2014, 43, 9655-9660.	3.3	10
604	Probe the accumulation modes of the Au ⁺ -C ₂₂ H ₁₄ dimer on the structure and NLO properties. <i>Molecular Physics</i> , 2014, 112, 1918-1923.	1.7	3
605	New heteropolyniobates based on a bicapped Keggin-type {VNb ₁₄ } cluster with selective adsorption and photocatalytic properties. <i>CrystEngComm</i> , 2014, 16, 9582-9585.	2.6	36
606	Bonding interactions between sulfur dioxide (SO ₂) and mono-ruthenium(II)-substituted Keggin-type polyoxometalates: electronic structures of ruthenium-SO ₂ adducts. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 18017.	2.8	15
607	Two hybrid materials assembled from transition metal mono-substituted Keggin polyoxoanions as photocatalysts under visible light. <i>CrystEngComm</i> , 2014, 16, 9163-9167.	2.6	22
608	New ionic dinuclear Ir(III) Schiff base complexes with aggregation-induced phosphorescent emission (AIPE). <i>Chemical Communications</i> , 2014, 50, 6977-6980.	4.1	61
609	A cationic iridium(III) complex with aggregation-induced emission (AIE) properties for highly selective detection of explosives. <i>Chemical Communications</i> , 2014, 50, 6031-6034.	4.1	115
610	Unexpected 1D self-assembly of carbonate-templated sandwich-like macrocycle-based Ag ₂₀ S ₁₀ luminescent nanoclusters. <i>CrystEngComm</i> , 2014, 16, 7860.	2.6	41
611	A comparative DFT study on the mechanism of olefin epoxidation catalyzed by substituted binuclear peroxotungstates ([SeO ₄ WO(O ₂) ₂ MO(O ₂) ₂] ⁿ⁺) ⁺ (T ₂ O ₄) ⁺) ⁺	2.0	4
612	458-462 N-Methylbenzoaza-18-crown-6-ether derivatives as efficient alkali metal cations sensors: the dipole moment and first hyperpolarizability. <i>RSC Advances</i> , 2014, 4, 24433-24438.	3.6	14

#	ARTICLE	IF	CITATIONS
613	A novel strategy to fabricate multifunctional Fe ₃ O ₄ @C@TiO ₂ yolk-shell structures as magnetically recyclable photocatalysts. <i>Nanoscale</i> , 2014, 6, 6603.	5.6	33
614	A novel 3D inorganic heteropoly blue as visible light responsive photocatalyst. <i>Dalton Transactions</i> , 2014, 43, 10005.	3.3	36
615	Syntheses, crystal structures and properties of inorganic-organic hybrids constructed from Keggin-type polyoxometalates and silver coordination compounds. <i>CrystEngComm</i> , 2014, 16, 7410-7418.	2.6	22
616	Prediction of second-order nonlinear optical properties of Wells-Dawson polyoxometalate derivatives [X ²⁺ C(CH ₂ O) ₃ P ₂ M ²⁺ ₃ M ₁₅ O ₅₉] ₄ ²⁴⁻ (X)	4.1	26
617	Chemistry Frontiers, 2014, 1, 65-70. Electron transport via phenyl-perfluorophenyl interaction in crystals of fluorine-substituted dibenzalacetones. <i>RSC Advances</i> , 2014, 4, 50188-50194.	3.6	5
618	Stepwise modulation of the electron-donating strength of ancillary ligands: understanding the AIE mechanism of cationic iridium(III) complexes. <i>Chemical Communications</i> , 2014, 50, 10986-10989.	4.1	36
619	Controllable synthesis of isoreticular pillared-layer MOFs: gas adsorption, iodine sorption and sensing small molecules. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14827-14834.	10.3	89
620	An ultrastable {Ag ₅₅ Mo ₆ } nanocluster with a Ag-centered multishell structure. <i>Chemical Communications</i> , 2014, 50, 11934-11937.	4.1	51
621	Effect of alkyl chain length on piezochromic luminescence of iridium(III)-based phosphors adopting 2-phenyl-1H-benzimidazole type ligands. <i>Journal of Materials Chemistry C</i> , 2014, 2, 7648-7655.	5.5	47
622	pH-Controlled and Sulfite Anion-Directed Assembly of a Family of Cerium(III)-Containing Polyoxotungstates Clusters. <i>Inorganic Chemistry</i> , 2014, 53, 9486-9497.	4.0	42
623	Superatoms (Li ₃ O and BeF ₃) induce phenalenyl radical $\dot{\text{C}}$ -dimer: fascinating interlayer charge-transfer and large NLO responses. <i>Dalton Transactions</i> , 2014, 43, 12657-12662.	3.3	17
624	Theoretical studies on organic D- $\dot{\text{C}}$ -A sensitizers with planar triphenylamine donor and different $\dot{\text{C}}$ -linkers for dyes-sensitized solar cells. <i>Journal of Molecular Modeling</i> , 2014, 20, 2309.	1.8	17
625	2D Cd(II)-Lanthanide(III) Heterometallic-Organic Frameworks Based on Metalloligands for Tunable Luminescence and Highly Selective, Sensitive, and Recyclable Detection of Nitrobenzene. <i>Inorganic Chemistry</i> , 2014, 53, 8105-8113.	4.0	105
626	Redox-controlled Dawson {Mn ^{II} W ₁₇ } polyoxometalate with photocatalytic H ₂ evolution activity. <i>Chemical Communications</i> , 2014, 50, 5961.	4.1	20
627	Multithiation Effect on the First Hyperpolarizability of Carbon-Boron-Nitride Heteronanotubes: Activating Segment versus Connecting Pattern. <i>Journal of Physical Chemistry C</i> , 2014, 118, 14185-14191.	3.1	33
628	A polyrotaxane-like metal-organic framework exhibiting luminescent sensing of Eu ³⁺ -cations and proton conductivity. <i>CrystEngComm</i> , 2014, 16, 6882-6888.	2.6	24
629	A Novel Carboxyethyltin Functionalized Sandwich-type Germanotungstate: Synthesis, Crystal Structure, Photosensitivity, and Application in Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 7876-7884.	8.0	71
630	The photovoltaic performance of dye-sensitized solar cells enhanced by using Dawson-type heteropolyacid and heteropoly blue-TiO ₂ composite films as photoanode. <i>Inorganic Chemistry Communication</i> , 2014, 47, 138-143.	3.9	18

#	ARTICLE	IF	CITATIONS
631	Assembly of Fe-substituted Dawson-type nanoscale selenotungstate clusters with photocatalytic H ₂ evolution activity. <i>Chemical Communications</i> , 2014, 50, 13265-13267.	4.1	55
632	Recent advances in porous polyoxometalate-based metal-organic framework materials. <i>Chemical Society Reviews</i> , 2014, 43, 4615-4632.	38.1	845
633	The Effect of the different spin multiplicity on nonlinear optical properties of lithium decahydroborate dimers. <i>Journal of Molecular Modeling</i> , 2014, 20, 2415.	1.8	0
634	Carbon nanodots@zeolitic imidazolate framework-8 nanoparticles for simultaneous pH-responsive drug delivery and fluorescence imaging. <i>CrystEngComm</i> , 2014, 16, 3259.	2.6	164
635	Suitable helical cavity, suitable alkali metal, larger first hyperpolarizability. <i>Chemical Physics Letters</i> , 2014, 600, 123-127.	2.6	4
636	Rational design and characterization of high-efficiency planar A-type electron donors in small molecule organic solar cells: A quantum chemical approach. <i>Materials Chemistry and Physics</i> , 2014, 145, 387-396.	4.0	37
637	The influence of the diphenylphosphoryl moiety on the phosphorescent properties of heteroleptic iridium(III) complexes and the OLED performance: a theoretical study. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2859.	5.5	46
638	A Fluorescent Sensor for Highly Selective Detection of Nitroaromatic Explosives Based on a 2D, Extremely Stable, Metal-Organic Framework. <i>Chemistry - A European Journal</i> , 2014, 20, 3589-3594.	3.3	271
639	A Microporous Anionic Metal-Organic Framework for Sensing Luminescence of Lanthanide(III) Ions and Selective Absorption of Dyes by Ionic Exchange. <i>Chemistry - A European Journal</i> , 2014, 20, 5625-5630.	3.3	154
640	Polyoxometalate-Based Cobalt-Phosphate Molecular Catalysts for Visible Light-Driven Water Oxidation. <i>Journal of the American Chemical Society</i> , 2014, 136, 5359-5366.	13.7	414
641	Polyoxometalate/TiO ₂ Interfacial Layer with the Function of Accelerating Electron Transfer and Retarding Recombination for Dye-Sensitized Solar Cells. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 150-156.	3.7	35
642	Hydrothermal synthesis, crystal structure and properties of a 3D inorganic-organic hybrid based on Keggin-type polyanion and silver-pyrazine circles. <i>Inorganic Chemistry Communication</i> , 2014, 47, 48-51.	3.9	7
643	A DFT study on NLO response of push-pull hybrid porphyrin-polyoxometalate complexes. <i>Russian Journal of Physical Chemistry A</i> , 2014, 88, 970-977.	0.6	6
644	Assembly of Keggin-/Dawson-type Polyoxotungstate Clusters with Different Metal Units and SeO ₃ ²⁻ Heteroanion Templates. <i>Crystal Growth and Design</i> , 2014, 14, 5099-5110.	3.0	39
645	Synthesis, structure, and photoluminescent property of a trinuclear CdII complex based on semi-rigid bis(imidazole-4,5-dicarboxylate) ligand. <i>Inorganic Chemistry Communication</i> , 2014, 42, 15-19.	3.9	8
646	A novel nitrogen-containing compound with D _{3h} structure: theoretical and experimental study. <i>Canadian Journal of Chemistry</i> , 2014, 92, 411-416.	1.1	1
647	ZIF-8 templated fabrication of rhombic dodecahedron-shaped ZnO@SiO ₂ , ZIF-8@SiO ₂ yolk-shell and SiO ₂ hollow nanoparticles. <i>CrystEngComm</i> , 2014, 16, 6534.	2.6	50
648	Modulation on charge recombination and light harvesting toward high-performance benzothiadiazole-based sensitizers in dye-sensitized solar cells: A theoretical investigation. <i>Journal of Power Sources</i> , 2014, 267, 300-308.	7.8	65

#	ARTICLE	IF	CITATIONS
649	Probing the relationship between spin contamination and first hyperpolarizability: Open-shell MÃ¶bius anion. <i>International Journal of Quantum Chemistry</i> , 2014, 114, 720-724.	2.0	1
650	Alkali Metals-Substituted Adamantanes Lead to Visible Light Absorption: Large First Hyperpolarizability. <i>Journal of Physical Chemistry C</i> , 2014, 118, 6952-6958.	3.1	46
651	Structures and electro-optical properties of MÃ¶bius [n]Cyclacenes[13-18]: a theoretical study. <i>Journal of Molecular Modeling</i> , 2014, 20, 2201.	1.8	4
652	Isomeric thiophene-fused benzocborane moleculesâ€™ different lithium doping effect on the nonlinear optical property. <i>Dalton Transactions</i> , 2014, 43, 2656-2660.	3.3	6
653	The research of employing polyoxometalates as pure-inorganic electron-transfer mediators on dye-sensitized solar cells. <i>Inorganic Chemistry Communication</i> , 2014, 46, 89-93.	3.9	10
654	Theoretical characterization and design of highly efficient iridium (III) complexes bearing guanidinate ancillary ligand. <i>Journal of Molecular Graphics and Modelling</i> , 2014, 51, 149-157.	2.4	5
655	The relationship between intermolecular interactions and charge transport properties of trifluoromethylated polycyclic aromatic hydrocarbons. <i>Organic Electronics</i> , 2014, 15, 1896-1905.	2.6	24
656	Facile assembly of 1D multinuclear Ag_n (n= 11, 11, 12) alkynyl chains with CF₃COO⁻/CH₃COO⁻ as the auxiliary ligand. <i>RSC Advances</i> , 2014, 4, 60451-60459.	3.6	7
657	Simple Copper(II) Schiff Base Complex as Efficient Heterogeneous Photo-Fenton-like Catalyst. <i>Chemistry Letters</i> , 2014, 43, 1158-1160.	1.3	4
658	A polyoxometalate-based single-molecule magnet with a mixed-valent {MnIV ₂ MnIII ₆ MnII ₄ } core. <i>Chemical Communications</i> , 2013, 49, 2515.	4.1	80
659	The influence of molecular solid packings on the photoluminescence and carrier transport properties for two bow-shaped thiophene compounds: a theoretical study. <i>Theoretical Chemistry Accounts</i> , 2013, 132, 1.	1.4	9
660	Assembly of Cerium(III)-Stabilized Polyoxotungstate Nanoclusters with SeO₃/TeO₃ Templates: From Single Polyoxoanions to Inorganic Hollow Spheres in Dilute Solution. <i>Chemistry - A European Journal</i> , 2013, 19, 11007-11015.	3.3	83
661	A Rational Design for Dye Sensitizer: Density Functional Theory Study on the Electronic Absorption Spectra of Organoimido-Substituted Hexamolybdates. <i>Journal of Physical Chemistry C</i> , 2013, 117, 2245-2251.	3.1	43
662	A promising anchor group for efficient organic dye sensitized solar cells with iodine-free redox shuttles: a theoretical evaluation. <i>Journal of Materials Chemistry A</i> , 2013, 1, 14000.	10.3	62
663	An efficient strategy for improving carrier transport performance â€“ Introducing fluorine into aryl substituted tetracene. <i>Organic Electronics</i> , 2013, 14, 1359-1369.	2.6	26
664	Conformational Supramolecular Isomerism in Two-Dimensional Fluorescent Coordination Polymers Based on Flexible Tetracarboxylate Ligand. <i>Crystal Growth and Design</i> , 2013, 13, 4092-4099.	3.0	46
665	Synthesis and property investigation of two hexa-cobalt cluster based porous coordination polymers. <i>CrystEngComm</i> , 2013, 15, 7402.	2.6	7
666	TD-DFT studies on electronic and spectral properties of platinum(II) complexes with phenol and pyridine groups. <i>Chemical Research in Chinese Universities</i> , 2013, 29, 361-365.	2.6	6

#	ARTICLE	IF	CITATIONS
667	Theoretical studies on organoimido-substituted hexamolybdates dyes for dye-sensitized solar cells (DSSC). <i>Dyes and Pigments</i> , 2013, 99, 440-446.	3.7	74
668	The symmetric and asymmetric thiophene-fused benzocarborane: structures and first hyperpolarizabilities. <i>Journal of Molecular Modeling</i> , 2013, 19, 3741-3747.	1.8	8
669	Density functional studies on photophysical properties and chemical reactivities of the triarylboranes: effect of the constraint of planarity. <i>Journal of Molecular Modeling</i> , 2013, 19, 3437-3446.	1.8	11
670	Cyano or o-nitrophenyl? Which is the optimal electron-withdrawing group for the acrylic acid acceptor of D- π -A sensitizers in DSSCs? A density functional evaluation. <i>Journal of Molecular Modeling</i> , 2013, 19, 1597-1604.	1.8	29
671	Metal ion directed metal-organic rotaxane frameworks with intrinsic features of self-penetration and interpenetration. <i>Chemical Communications</i> , 2013, 49, 8555.	4.1	32
672	Multipoint interactions enhanced H ₂ storage and organosulfur removal in a microporous metal-organic framework. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11111.	10.3	22
673	Influence of alkyl chain lengths on the properties of iridium(III)-based piezochromic luminescent dyes with triazole-pyridine type ancillary ligands. <i>Dyes and Pigments</i> , 2013, 99, 1082-1090.	3.7	22
674	Flowerlike β -Fe ₂ O ₃ @NiO hierarchical core-shell nanostructures as superb capability and magnetically separable adsorbents for water treatment. <i>RSC Advances</i> , 2013, 3, 12671.	3.6	18
675	Design and construction of porous metal-organic frameworks based on flexible BPH pillars. <i>Journal of Solid State Chemistry</i> , 2013, 198, 143-148.	2.9	9
676	Theoretical studies on the photoisomerization-switchable second-order nonlinear optical responses of DTE-linked polyoxometalate derivatives. <i>Journal of Molecular Graphics and Modelling</i> , 2013, 40, 110-115.	2.4	15
677	Theoretical study on photophysical properties of Pt(II) triarylborons with a 2,2-bpy core derivatives. <i>Journal of Molecular Graphics and Modelling</i> , 2013, 44, 311-317.	2.4	0
678	Three neutral metal-organic frameworks with micro- and meso-pores for adsorption and separation of dyes. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13060.	10.3	88
679	An orange iridium(III) complex with wide-bandwidth in electroluminescence for fabrication of high-quality white organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7371.	5.5	52
680	Quantum chemical design of nonlinear optical materials by sp ² -hybridized carbon nanomaterials: issues and opportunities. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5439.	5.5	155
681	Efficient and tunable white-light emission of metal-organic frameworks by iridium-complex encapsulation. <i>Nature Communications</i> , 2013, 4, 2717.	12.8	501
682	The Application of ZnO Nanoparticles Containing Polyoxometalates in Dye-Sensitized Solar Cells. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1951-1959.	2.0	22
683	New oxazoline- and thiazoline-containing heteroleptic iridium(III) complexes for highly-efficient phosphorescent organic light-emitting devices (PhOLEDs): colour tuning by varying the electroluminescence bandwidth. <i>Journal of Materials Chemistry C</i> , 2013, 1, 6800.	5.5	27
684	A series of coordination complexes based on unsymmetrical multicarboxylate ligands: syntheses, structures and properties. <i>CrystEngComm</i> , 2013, 15, 6769.	2.6	10

#	ARTICLE	IF	CITATIONS
685	Self-assembly of metal-organic frameworks based on N-donor ligand and flexible tricarboxylic acids with different angular characters. <i>CrystEngComm</i> , 2013, 15, 8214.	2.6	26
686	A new electrodeposition approach for preparing polyoxometalates-based electrochromic smart windows. <i>Journal of Materials Chemistry A</i> , 2013, 1, 216-220.	10.3	59
687	Efficient Light-Emitting Electrochemical Cells (LECs) Based on Ionic Iridium(III) Complexes with 1,3,4-Oxadiazole Ligands. <i>Advanced Functional Materials</i> , 2013, 23, 4667-4677.	14.9	53
688	Quantum chemical characterization and design of host materials based on phosphine oxide-substituted (triphenylamine) fluorene for (deep) blue phosphors in OLEDs. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2351.	2.8	10
689	Polyoxometalate- <i>anatase</i> TiO ₂ composites are introduced into the photoanode of dye-sensitized solar cells to retard the recombination and increase the electron lifetime. <i>Dalton Transactions</i> , 2013, 42, 2691.	3.3	58
690	The encapsulated lithium effect of Li@C ₆₀ Cl ₈ remarkably enhances the static first hyperpolarizability. <i>RSC Advances</i> , 2013, 3, 13348.	3.6	19
691	Self-Assembly and Visible-Light Photocatalytic Properties of W/Nb Mixed-Addendum Polyoxometalate and Transition-Metal Cations. <i>ChemPlusChem</i> , 2013, 78, 775-779.	2.8	20
692	A photovoltaic system composed of a keplerate-type polyoxometalate and a water-soluble poly(p-phenylenevinylene) derivative. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6727.	10.3	26
693	Enhancing the luminescence properties and stability of cationic iridium(III) complexes based on phenylbenzimidazole ligand: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2013, 42, 11056.	3.3	28
694	Schiff-base as highly sensitive and reversible chemosensors for HCl gas. <i>Sensors and Actuators B: Chemical</i> , 2013, 177, 41-49.	7.8	46
695	An accurate and efficient method to predict the electronic excitation energies of BODIPY fluorescent dyes. <i>Journal of Computational Chemistry</i> , 2013, 34, 566-575.	3.3	22
696	Chiroptical, linear, and second-order nonlinear optical properties of tetrathiafulvalenylallene: a multifunctional molecular material. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1399.	5.5	23
697	Reply to "Comment on "How the Number and Location of Lithium Atoms Affect the First Hyperpolarizability of Graphene". <i>Journal of Physical Chemistry C</i> , 2013, 117, 725-728.	3.1	1
698	Control of interpenetration in S-containing metal-organic frameworks for selective separation of transition metal ions. <i>Chemical Communications</i> , 2013, 49, 1088.	4.1	66
699	Theoretical exploration to the substituting effect on second-order nonlinear optical properties for lacunary β -Keggin polyoxometalates. <i>Chemical Physics Letters</i> , 2013, 557, 123-128.	2.6	9
700	Chiral polyoxometalate-based materials: From design syntheses to functional applications. <i>Coordination Chemistry Reviews</i> , 2013, 257, 702-717.	18.8	217
701	Structural and Bonding Analyses on a Homologous Metal-Metal Bond Guest-Host Series $M_2@C_{50}X_{10}$ (M = Zn, Cd, Hg; X = CH, N, B). <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2220-2230.	2.0	5
702	The research of a new polyoxometalates based photosensitizer on dye sensitized solar cell. <i>Inorganic Chemistry Communication</i> , 2013, 38, 78-82.	3.9	25

#	ARTICLE	IF	CITATIONS
703	Recent Theoretical Advances in Understanding the Mechanism of Aggregation-Induced Emission for Small Organic Molecules. , 2013, , 399-418.		1
704	A new type of organic-inorganic hybrid NLO-phore with large off-diagonal first hyperpolarizability tensors: a two-dimensional approach. Dalton Transactions, 2013, 42, 15053.	3.3	111
705	Solvatochromic Behavior of Chiral Mesoporous Metal-Organic Frameworks and Their Applications for Sensing Small Molecules and Separating Cationic Dyes. Chemistry - A European Journal, 2013, 19, 3639-3645.	3.3	202
706	Iodine-templated assembly of unprecedented 3d-4f metal-organic frameworks as photocatalysts for hydrogen generation. Chemical Communications, 2013, 49, 3564.	4.1	99
707	Theoretical characterization and design of small molecule donor material containing naphthodithiophene central unit for efficient organic solar cells. Journal of Computational Chemistry, 2013, 34, 1611-1619.	3.3	130
708	Theoretical insights into [PMo12O40]3- grafted on single-walled carbon nanotubes. Physical Chemistry Chemical Physics, 2013, 15, 9177.	2.8	27
709	Theoretical Study on the Rectifying Performance of Organoimido Derivatives of Hexamolybdates. ChemPhysChem, 2013, 14, 610-617.	2.1	16
710	Theoretical investigation of second-order nonlinear optical response by linking hexamolybdate with graphene in the donor-acceptor (D-A) framework. Molecular Simulation, 2013, 39, 214-219.	2.0	8
711	BN Segment Doped Effect on the First Hyperpolarizability of Heteronanotubes: Focused on an Effective Connecting Pattern. Journal of Physical Chemistry C, 2013, 117, 10039-10044.	3.1	26
712	Modification on C219 by coumarin donor toward efficient sensitizer for dye sensitized solar cells: A theoretical study. Dyes and Pigments, 2013, 99, 127-135.	3.7	48
713	After the electronic field: Structure, bonding, and the first hyperpolarizability of HARf. Journal of Computational Chemistry, 2013, 34, 952-957.	3.3	20
714	DFT characterization on the mechanism of water splitting catalyzed by single-Ru-substituted polyoxometalates. Dalton Transactions, 2013, 42, 10617.	3.3	30
715	Designed Fabrication of Unique Eccentric Mesoporous Silica Nanocluster-Based Core-Shell Nanostructures for pH-Responsive Drug Delivery. ACS Applied Materials & Interfaces, 2013, 5, 7282-7290.	8.0	72
716	TDDFT studies on electronic structures, chiroptical properties and solvent effect on the CD spectra of diphosphonate-functionalized polyoxomolybdates. Journal of Molecular Graphics and Modelling, 2013, 44, 26-32.	2.4	1
717	Generalized Approach to the Synthesis of Reversible Concentric and Eccentric Polymer-Coated Nanostructures. Small, 2013, 9, 825-830.	10.0	43
718	A novel class of Zn(II) Schiff base complexes with aggregation-induced emission enhancement (AIEE) properties: Synthesis, characterization and photophysical/electrochemical properties. Dyes and Pigments, 2013, 96, 467-474.	3.7	51
719	Self-Assembly versus Stepwise Synthesis: Heterometal-Organic Frameworks Based on Metalloligands with Tunable Luminescence Properties. Chemistry - A European Journal, 2013, 19, 11279-11286.	3.3	55
720	An unprecedented (3,4,24)-connected heteropolyoxozincate organic framework as heterogeneous crystalline Lewis acid catalyst for biodiesel production. Scientific Reports, 2013, 3, 2616.	3.3	39

#	ARTICLE	IF	CITATIONS
721	Structure and mechanical properties of waterborne polyurethane-based composites filled with self-assembled supramolecular nanoplatelets. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2013, 28, 773-780.	1.0	1
722	Theoretical Exploration of Photoisomerization-Switchable Second-Order Nonlinear Optical Responses of Two-Dimensional β - and W-Shaped Polyoxometalate Derivatives of Dithienylperfluorocyclopentene. <i>Journal of Physical Chemistry A</i> , 2013, 117, 10783-10789.	2.5	20
723	Theoretical exploration to second-order nonlinear optical properties of new hybrid complexes via coordination interaction between (metallo)porphyrin and $[MSiW_{11}O_{39}]^{3-}$ (M=NbV or VV) polyoxometalates. <i>Journal of Molecular Graphics and Modelling</i> , 2013, 46, 59-64.	2.4	27
724	Controllable synthesis of iridium(III)-based aggregation-induced emission and/or piezochromic luminescence phosphors by simply adjusting the substitution on ancillary ligands. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1440.	5.5	107
725	Computational Design of Host Materials Suitable for Green-(Deep) Blue Phosphors through Effectively Tuning the Triplet Energy While Maintaining the Ambipolar Property. <i>Journal of Physical Chemistry C</i> , 2013, 117, 8420-8428.	3.1	24
726	TDDFT Studies on the Determination of the Absolute Configurations and Chiroptical Properties of Strandberg-Type Polyoxometalates. <i>Journal of Physical Chemistry A</i> , 2013, 117, 2492-2498.	2.5	12
727	Theoretical investigation on the 2e/12c bond and second hyperpolarizability of azaphenalenyl radical dimers: Strength and effect of dimerization. <i>Journal of Chemical Physics</i> , 2013, 139, 124314.	3.0	13
728	DFT STUDIES ON ELECTRONIC STRUCTURES AND THIRD-ORDER NONLINEAR OPTICAL PROPERTIES OF A SERIES OF σ -BOND-CONTAINING METAL COMPLEXES. <i>Journal of Theoretical and Computational Chemistry</i> , 2012, 11, 403-419.	1.8	5
729	Theoretical investigation on electronic structure and second-order nonlinear optical properties of novel hexamolybdate-organoimido-(car)borane hybrid. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 5605.	2.8	27
730	Density Functional Theory Investigation on the Second-Order Nonlinear Optical Properties of Chlorobenzylcarborane Derivatives. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2349-2355.	4.9	10
731	Building blocks and formation thermodynamics of β -Keggin-type $[PW_{12}O_{40}]^{3-}$ anion. <i>Computational and Theoretical Chemistry</i> , 2012, 999, 66-73.	2.5	7
732	Probing the Chemical Functionalization of Single-Walled Carbon Nanotubes with Multiple Carbon Adatom Dimer Defects. <i>ChemPhysChem</i> , 2012, 13, 1232-1239.	2.1	9
733	Molecular dynamic and quantum mechanics study of drug recognition for the extremity of DNA G-quadruplex groove. <i>Medicinal Chemistry Research</i> , 2012, 21, 4010-4016.	2.4	1
734	Effect of dehydrogenation/hydrogenation on the linear and nonlinear optical properties of Li@porphyrins. <i>Journal of Molecular Modeling</i> , 2012, 18, 4901-4907.	1.8	11
735	A novel luminescent 3D metal-organic framework possessing 3-fold interpenetrating (3,5)-connected net. <i>Inorganic Chemistry Communication</i> , 2012, 26, 42-45.	3.9	4
736	Synthesis, crystal structures, and luminescent properties of Cd(II) coordination polymers assembled from semi-rigid multi-dentate N-containing ligand. <i>Journal of Solid State Chemistry</i> , 2012, 196, 87-92.	2.9	7
737	The interplay of intermolecular interactions, packing motifs and electron transport properties in perylene diimide related materials: a theoretical perspective. <i>Journal of Materials Chemistry</i> , 2012, 22, 20840.	6.7	76
738	Assembly of Sandwich-Like Supermolecules Li Salts $CpLi-C_{60}$: Structures, Stabilities, and Nonlinear Optical Properties. <i>Organometallics</i> , 2012, 31, 4409-4414.	2.3	26

#	ARTICLE	IF	CITATIONS
739	Secondary ligand-directed assembly of metal-organic coordination polymers based on a 2-(pyridin-4-yl)-1H-imidazole-4,5-dicarboxylic acid ligand: Syntheses, structures and photoluminescent properties. <i>CrystEngComm</i> , 2012, 14, 1865.	2.6	47
740	A cationic iridium(III) complex showing aggregation-induced phosphorescent emission (AIPE) in the solid state: synthesis, characterization and properties. <i>Dalton Transactions</i> , 2012, 41, 523-530.	3.3	48
741	The stability and nonlinear optical properties: Encapsulation of an excess electron compound LiCN ⁻ Li within boron nitride nanotubes. <i>Journal of Materials Chemistry</i> , 2012, 22, 2196-2202.	6.7	111
742	A long-term stable Pt counter electrode modified by POM-based multilayer film for high conversion efficiency dye-sensitized solar cells. <i>Dalton Transactions</i> , 2012, 41, 2227.	3.3	32
743	Theoretical study on the charge transport property of Pt(CNtBu) ₂ (CN) ₂ nanowires induced by Pt-Pt interactions. <i>Dalton Transactions</i> , 2012, 41, 7272.	3.3	13
744	Controllable synthesis of a non-interpenetrating microporous metal-organic framework based on octahedral cage-like building units for highly efficient reversible adsorption of iodine. <i>Chemical Communications</i> , 2012, 48, 10001.	4.1	70
745	Controllable synthesis of microporous, nanotubular and mesocage-like metal-organic frameworks by adjusting the reactant ratio and modulated luminescence properties of Al ₃ @MOF composites. <i>Journal of Materials Chemistry</i> , 2012, 22, 17947.	6.7	40
746	Structure-dependent optical properties of single-walled silicon nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 4695.	2.8	6
747	Phenylcarbazole and phosphine oxide/sulfide hybrids as host materials for blue phosphors: effectively tuning the charge injection property without influencing the triplet energy. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 1685-1693.	2.8	23
748	Assembly of a luminescent core-shell nanocluster featuring a Ag ₃₄ S ₂₆ shell and a W ₆ O ₂₁ polyoxoanion core. <i>Chemical Communications</i> , 2012, 48, 5844.	4.1	84
749	The self-assembly mechanism of the Lindqvist anion [W ₆ O ₁₉] ²⁻ in aqueous solution: a density functional theory study. <i>Dalton Transactions</i> , 2012, 41, 11361.	3.3	15
750	TDDFT studies on chiral organophosphonate substituted divacant Keggin-type polyoxotungstate: diplex multistep-redox-triggered chiroptical and NLO switch. <i>Dalton Transactions</i> , 2012, 41, 10097.	3.3	11
751	TDDFT Studies on the Electronic Structures and Chiroptical Properties of Mono-Tin-Substituted Wells-Dawson Polyoxotungstates. <i>Journal of Physical Chemistry A</i> , 2012, 116, 4152-4158.	2.5	19
752	THEORETICAL STUDY ON THE SECOND-ORDER NONLINEAR OPTICAL PROPERTIES OF C,B-SUBSTITUTED CARBORANE CONJUGATED DERIVATIVES. <i>Journal of Theoretical and Computational Chemistry</i> , 2012, 11, 1121-1133.	1.8	8
753	Alkylene-Chain Effect on Microwire Growth and Crystal Packing of π -Moieties. <i>Chemistry of Materials</i> , 2012, 24, 1944-1949.	6.7	45
754	Self-Assembly and Photocatalytic Properties of Polyoxoniobates: {Nb ₂₄ O ₇₂ }, {Nb ₃₂ O ₉₆ }, and {K ₁₂ Nb ₉₆ O ₂₈₈ } Clusters. <i>Journal of the American Chemical Society</i> , 2012, 134, 14004-14010.	13.7	241
755	Functional heterometallic coordination polymers with metalloligands as tunable luminescent crystalline materials. <i>Journal of Materials Chemistry</i> , 2012, 22, 19673.	6.7	30
756	Intramolecular π -stacking in cationic iridium(III) complexes with a triazole-pyridine type ancillary ligand: synthesis, photophysics, electrochemistry properties and piezochromic behavior. <i>Journal of Materials Chemistry</i> , 2012, 22, 12736.	6.7	64

#	ARTICLE	IF	CITATIONS
757	Reversible piezochromic behavior of two new cationic iridium(III) complexes. <i>Chemical Communications</i> , 2012, 48, 2000.	4.1	93
758	A new organic-inorganic hybrid based on the crescent-shaped polyoxoanion $[H_6SiNb_{18}O_{54}]^{8-}$ and copper-organic cations. <i>Dalton Transactions</i> , 2012, 41, 6075.	3.3	29
759	An unprecedented organic-inorganic hybrid based on the first $\{Nb_{10}V_4O_{40}(OH)_2\}_{12}$ clusters and copper cations. <i>Chemical Communications</i> , 2012, 48, 103-105.	4.1	71
760	Piezochromic luminescent (PCL) behavior and aggregation-induced emission (AIE) property of a new cationic iridium(III) complex. <i>Dalton Transactions</i> , 2012, 41, 9590.	3.3	62
761	Enhanced quantum efficiency of cationic iridium(III) complexes with carbazole moiety as a steric hindrance unit. <i>Journal of Molecular Structure</i> , 2012, 1026, 59-64.	3.6	9
762	Hydrothermal synthesis and structural characterization of a new 2D inorganic-organic hybrid compound based on $\{Ni_6PW_9\}_2$ subunit. <i>Inorganic Chemistry Communication</i> , 2012, 23, 21-24.	3.9	5
763	Synthesis of cationic iridium(III) complexes with high quantum yield via enhancing the steric hindrance of ligands. <i>Journal of Organometallic Chemistry</i> , 2012, 702, 27-35.	1.8	20
764	Synthesis, structure and photophysical properties of cationic Ir(III) complexes with functionalized 1,10-phenanthroline ancillary ligands. <i>Journal of Organometallic Chemistry</i> , 2012, 713, 20-26.	1.8	15
765	Influence of the central atom on the electronic properties of Lindqvist polyoxometalates. <i>Computational and Theoretical Chemistry</i> , 2012, 988, 1-5.	2.5	8
766	Theoretical investigation on two-dimensional molecule-based second-order nonlinear optical materials of the disubstituted o-carborane derivatives. <i>Computational and Theoretical Chemistry</i> , 2012, 992, 142-149.	2.5	9
767	Chiroptical, linear, and second-order nonlinear optical properties of binaphthol derivatives. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8418.	2.8	30
768	Theoretical Insight into the Origin of Large Stokes Shift and Photophysical Properties of Anilido-Pyridine Boron Difluoride Dyes. <i>ChemPhysChem</i> , 2012, 13, 3714-3722.	2.1	66
769	Density functional theory characterization and design of high-performance diarylamine-fluorene dyes with different π spacers for dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 568-576.	6.7	355
770	Remarkable solvent-size effects in constructing novel porous 1,3,5-benzenetricarboxylate metal-organic frameworks. <i>CrystEngComm</i> , 2012, 14, 5596.	2.6	68
771	A series of pillar-layer metal-organic frameworks based on 5-aminoisophthalic acid and 4,4'-bipyridine. <i>Dalton Transactions</i> , 2012, 41, 1047-1053.	3.3	64
772	First principle investigation of transport properties of Lindqvist derivatives based molecular junction. <i>Journal of Molecular Graphics and Modelling</i> , 2012, 38, 220-225.	2.4	8
773	DFT study of ionic peapod structures from single-walled carbon nanotubes and Lindqvist tungstates. <i>Dalton Transactions</i> , 2012, 41, 2798.	3.3	11
774	Facile and fast synthesis of urchin-shaped $Fe_3O_4@Bi_2S_3$ core-shell hierarchical structures and their magnetically recyclable photocatalytic activity. <i>Journal of Materials Chemistry</i> , 2012, 22, 4832.	6.7	58

#	ARTICLE	IF	CITATIONS
775	Auxiliary ligand induced structural allomorphism in nanotubular microporous metal-organic frameworks based on discrete magnesium clusters. Dalton Transactions, 2012, 41, 2231-2233.	3.3	28
776	Controlled synthesis and magnetically separable photocatalytic properties of magnetic iron oxides@SnO ₂ yolk-shell nanocapsules. Journal of Materials Chemistry, 2012, 22, 13380.	6.7	20
777	Zeolitic imidazolate framework-8 as efficient pH-sensitive drug delivery vehicle. Dalton Transactions, 2012, 41, 6906.	3.3	544
778	Polyoxometalate-based crystalline tubular microreactor: redox-active inorganic-organic hybrid materials producing gold nanoparticles and catalytic properties. Chemical Science, 2012, 3, 705-710.	7.4	93
779	Carbonyl Amine/Schiff Base Ligands in Manganese Complexes: Theoretical Study on the Mechanism, Capability of NO Release. Inorganic Chemistry, 2012, 51, 3972-3980.	4.0	9
780	Theoretical study of the bridging effect on the charge carrier transport properties of cyclooctatetrathiophene and its derivatives. Journal of Materials Chemistry, 2012, 22, 6907.	6.7	50
781	Theoretical studies on phosphoraniminato derivatives of Keggin-type polyoxometalates [PW ₁₁ O ₃₉ {MVNPPH ₃ } ₃] ³⁻ (M = Fe, Ru): Electronic structures and bonding features. Science China Chemistry, 2012, 55, 1910-1915.	8.2	8
782	pH variation induced construction of a series of entangled frameworks based on bi- and tri-metallic cores as nodes. CrystEngComm, 2012, 14, 124-130.	2.6	23
783	Theoretical investigation of structural and electronic properties of [PW ₁₂ O ₄₀] ³⁻ on graphene layer. Dalton Transactions, 2012, 41, 4602.	3.3	48
784	Synthesis and characterization of two self-catenated networks and one case of pcu topology based on the mixed ligands. CrystEngComm, 2012, 14, 4205.	2.6	22
785	Redox-active polyoxometalate-based crystalline material-immobilized noble metal nanoparticles: spontaneous reduction and synergistic catalytic activity. Journal of Materials Chemistry, 2012, 22, 21040.	6.7	22
786	Density functional theory studies on structures and absorption spectra of [Au(tpy)Cl] ²⁺ and its derivatives: Role of basis set, functional, solvent effect, and spin orbit effect. International Journal of Quantum Chemistry, 2012, 112, 1642-1653.	2.0	3
787	Nonaqueous synthesis of uniform polyaniline nanospheres Via cellulose acetate template. Journal of Polymer Science Part A, 2012, 50, 912-917.	2.3	17
788	Quantum chemical investigation on the structure and first hyperpolarizability for N-substituted [n]cyclacene. Journal of Physical Organic Chemistry, 2012, 25, 176-180.	1.9	7
789	Unusual microporous polycatenane-like metal-organic frameworks for the luminescent sensing of Ln ³⁺ cations and rapid adsorption of iodine. Chemical Communications, 2012, 48, 5919.	4.1	96
790	Potential of bifluorenylidene derivatives as nonfullerene small-molecule acceptor for heterojunction organic photovoltaics: a density functional theory study. Theoretical Chemistry Accounts, 2012, 131, 1.	1.4	9
791	N-rich zeolite-like metal-organic framework with sodalite topology: high CO ₂ uptake, selective gas adsorption and efficient drug delivery. Chemical Science, 2012, 3, 2114.	7.4	277
792	An Ionothermal Synthetic Approach to Porous Polyoxometalate-Based Metal-Organic Frameworks. Angewandte Chemie - International Edition, 2012, 51, 7985-7989.	13.8	165

#	ARTICLE	IF	CITATIONS
793	Selectedâ€Control Fabrication of Multifunctional Fluorescentâ€Magnetic Coreâ€Shell and Yolkâ€Shell Hybrid Nanostructures. Chemistry - A European Journal, 2012, 18, 3745-3752.	3.3	27
794	Inorganic Crown Ethers: Sulfateâ€Based Preyssler Polyoxometalates. Chemistry - A European Journal, 2012, 18, 9184-9188.	3.3	30
795	Selectedâ€Control Synthesis of Monodisperse Fe₃O₄@C Coreâ€Shell Spheres, Chains, and Rings as Highâ€Performance Anode Materials for Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2012, 18, 11417-11422.	3.3	73
796	The Excess Electron in a Boron Nitride Nanotube: Pyramidal NBO Charge Distribution and Remarkable First Hyperpolarizability. Chemistry - A European Journal, 2012, 18, 11350-11355.	3.3	87
797	Spiral Intramolecular Charge Transfer and Large First Hyperpolarizability in MÃ¶bius Cyclacenes: New Insight into the Localized Î€ Electrons. ChemPhysChem, 2012, 13, 2349-2353.	2.1	23
798	Inside Cover: Spiral Intramolecular Charge Transfer and Large First Hyperpolarizability in MÃ¶bius Cyclacenes: New Insight into the Localized Î€ Electrons (ChemPhysChem 9/2012). ChemPhysChem, 2012, 13, 2222-2222.	2.1	0
799	A DFT study on the second-order nonlinear optical properties of the plenary mixed-metal polyoxometalate. Molecular Simulation, 2012, 38, 518-524.	2.0	3
800	Effects of size and surface modification of multi-walled carbon nanotubes on mechanical properties of polyurethane-based nanocomposites. Journal Wuhan University of Technology, Materials Science Edition, 2012, 27, 608-614.	1.0	10
801	Theoretical studies of the effect of electron-withdrawing dicyanovinyl group on the electronic and charge-transport properties of fluorene-thiophene oligomers. Theoretical Chemistry Accounts, 2012, 131, 1.	1.4	16
802	Toward design of high-performance optoelectronic materials: comparative theoretical studies on the photophysical and charge transport properties of fluorene-based compounds. Theoretical Chemistry Accounts, 2012, 131, 1.	1.4	4
803	Probing the linear and nonlinear optical properties of nitrogen-substituted carbon nanotube. Journal of Molecular Modeling, 2012, 18, 3219-3225.	1.8	15
804	How to design proper Î€-spacer order of the D-Î€-A dyes for DSSCs? A density functional response. Dyes and Pigments, 2012, 95, 313-321.	3.7	199
805	Effect of metal ions on the structures of metalâ€organic frameworks based on mixed ligands. Inorganic Chemistry Communication, 2012, 15, 288-291.	3.9	10
806	Hydrothermal synthesis and structural characterization of a new inorganicâ€organic hybrid compound with photocatalytic activity based on Keggin-type polyanion and cadmium-1, 2, 4-triazolate units. Inorganic Chemistry Communication, 2012, 20, 273-276.	3.9	26
807	Hydrothermal synthesis and luminescence properties of hierarchical SrF2 and SrF2:Ln3+ (Ln=Er, Nd.) Tj ETQq1 1 0.784314 rgBT /Over	5.2	21
808	Red- and white-emitting organic light-emitting diodes based on trimetallic dendritic europium (III) complex: Eu3(DBM)9(TMMB). Solid-State Electronics, 2012, 69, 67-71.	1.4	8
809	Theoretical study on charge transport properties of cyanovinyl-substituted oligothiophenes. Organic Electronics, 2012, 13, 1213-1222.	2.6	48
810	The structureâ€property relationship of chiral 1,1â€2-binaphthyl-based polyoxometalates: TDDFT studies on the static first hyperpolarizabilities and the ECD spectra. Journal of Molecular Graphics and Modelling, 2012, 32, 1-8.	2.4	12

#	ARTICLE	IF	CITATIONS
811	The origin of the unusual broad and intense visible absorption of tetrathiafulvalene-annulated zinc porphyrazine: A density functional theory study. <i>Journal of Molecular Graphics and Modelling</i> , 2012, 33, 26-34.	2.4	5
812	TDDFT studies on the structures and ECD spectra of chiral bisarylimidos bearing different lengths of o-alkoxy chain-substituted polyoxomolybdates. <i>Journal of Molecular Graphics and Modelling</i> , 2012, 35, 49-56.	2.4	12
813	Theoretical investigation on redox-switchable second-order nonlinear optical responses of push-pull Cp*CoEt ₂ C ₂ B ₄ H ₃ -expanded (metallo)porphyrins. <i>Journal of Computational Chemistry</i> , 2012, 33, 211-219.	3.3	28
814	An effective method for accurate prediction of the first hyperpolarizability of alkalides. <i>Journal of Computational Chemistry</i> , 2012, 33, 231-236.	3.3	17
815	A DFT Study on The Two-Dimensional Second-Order Nonlinear Optical (NLO) Response of Terpyridine-Substituted Hexamolybdates: Physical Insight on 2D Inorganic-Organic Hybrid Functional Materials. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 705-711.	2.0	109
816	Electronic properties and stabilities of methoxy-substituted Lindqvist polyoxometalates [Nb ₂ W ₄ O ₁₉ CH ₃] ₃ by DFT. <i>Science Bulletin</i> , 2012, 57, 976-982.	1.7	2
817	Forward molecular design for highly efficient OLED emitters: A theoretical analysis of photophysical properties of platinum(ii) complexes with N-heterocyclic carbene ligands. <i>Dalton Transactions</i> , 2011, 40, 4480.	3.3	44
818	Molecular tectonics of metal-organic frameworks based on ligand-modulated polynuclear zinc SBUs and aromatic multicarboxylic acids. <i>CrystEngComm</i> , 2011, 13, 889-896.	2.6	43
819	Stepwise assembly of metal-organic framework based on a metal-organic polyhedron precursor for drug delivery. <i>Chemical Communications</i> , 2011, 47, 7128.	4.1	170
820	An unprecedented 3D 8-connected pure inorganic framework based on nanosized {[Na ₁₂ PO ₁₆ H ₂₄] ₅ [P ₄ Mo ₆ O ₃₁ H ₆] ₄] ₁₅ } clusters and zinc cations. <i>Chemical Communications</i> , 2011, 47, 2832. ^{4.1}		36
821	Theoretical Study on the Chiroptical Optical Properties of Chiral Fullerene C ₆₀ Derivative. <i>Journal of Physical Chemistry A</i> , 2011, 115, 13356-13363.	2.5	26
822	Theoretical discussions on electron transport properties of perylene bisimide derivatives with different molecular packings and intermolecular interactions. <i>Journal of Materials Chemistry</i> , 2011, 21, 134-143.	6.7	88
823	A novel 3-connected [3 + 3] topological net showing both rotaxane- and catenane-like motifs. <i>CrystEngComm</i> , 2011, 13, 4945.	2.6	8
824	Creation of cationic iridium(iii) complexes with aggregation-induced phosphorescent emission (AIPE) properties by increasing rotation groups on carbazole peripheries. <i>Dalton Transactions</i> , 2011, 40, 2947.	3.3	73
825	Theoretical investigation of second-order nonlinear optical response of Hexamolybdate as a superior donor over metal carbonyl complexes in the D ⁴ f ¹ A model. <i>Canadian Journal of Chemistry</i> , 2011, 89, 61-67.	1.1	2
826	A theoretical discussion on the relationships among molecular packings, intermolecular interactions, and electron transport properties for naphthalene tetracarboxylic diimide derivatives. <i>Journal of Materials Chemistry</i> , 2011, 21, 15558.	6.7	64
827	Computational Study on Redox-Switchable 2D Second-Order Nonlinear Optical Properties of Push-Pull Mono-tetrathiafulvalene-Bis(Salicylaldiminato) Zn(II) Schiff Base Complexes. <i>Journal of Physical Chemistry C</i> , 2011, 115, 6024-6032.	3.1	47
828	Redox and Photoisomerization Switching the Second-Order Nonlinear Optical Properties of a Tetrathiafulvalene Derivative Across Six States: A DFT Study. <i>Journal of Physical Chemistry C</i> , 2011, 115, 23946-23954.	3.1	83

#	ARTICLE	IF	CITATIONS
829	An Interpenetrating Architecture Based on the Wellsâ€“Dawson Polyoxometalate and AgI ⁺ AgI ⁻ Interactions. <i>Crystal Growth and Design</i> , 2011, 11, 2736-2742.	3.0	124
830	Widening or Lengthening? Enhancing the First Hyperpolarizability of Tubiform Multilithium Salts. <i>Journal of Physical Chemistry C</i> , 2011, 115, 16340-16346.	3.1	51
831	Quantum Chemical Research on Structures, Linear and Nonlinear Optical Properties of the Li@n-Acenes Salt (n = 1, 2, 3, and 4). <i>Journal of Physical Chemistry A</i> , 2011, 115, 2035-2040.	2.5	70
832	Capturing a Synergistic Effect of a Conical Push and an Inward Pull in Fluoro Derivatives of Li@B ₁₀ H ₁₄ Basket: Toward a Higher Vertical Ionization Potential and Nonlinear Optical Response. <i>Journal of Physical Chemistry A</i> , 2011, 115, 923-931.	2.5	80
833	Novel Trumpet-Shaped Conjugation Bridge (Carbon Nanocone) for Nonlinear Optical Materials. <i>Journal of Physical Chemistry C</i> , 2011, 115, 18545-18551.	3.1	28
834	Multifunctional Hollow Mesoporous Silica Nanocages for Cancer Cell Detection and the Combined Chemotherapy and Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 2479-2486.	8.0	116
835	Quantum chemical characterization of the generation of high-valent oxoruthenium species of Keggin type polyoxometalates: electronic structure and bonding features. <i>Dalton Transactions</i> , 2011, 40, 2967.	3.3	17
836	An Exceptional 54-Fold Interpenetrated Coordination Polymer with 10 ³ -srs Network Topology. <i>Journal of the American Chemical Society</i> , 2011, 133, 11406-11409.	13.7	328
837	Theoretical Study of Isomerism/Phase Dependent Charge Transport Properties in Tris(8-hydroxyquinolinato)aluminum(III). <i>Journal of Physical Chemistry A</i> , 2011, 115, 9259-9264.	2.5	12
838	Two unusual self-threading frameworks self-assembled from mixed ligands and cobalt/zinc ions. <i>CrystEngComm</i> , 2011, 13, 325-329.	2.6	21
839	Time-Dependent Current Distributions of a Two-Terminal Carbon Nanotube-Based Electronic Device. <i>Journal of Physical Chemistry B</i> , 2011, 115, 5519-5525.	2.6	14
840	On the Origin of the Relative Stability of Wellsâ€“Dawson Isomers: A DFT Study of Î± ⁻ , Î± ²⁻ , Î± ³⁻ , Î± ^{±*} , Î± ^{2*} , and Î± ^{3*} -(PO ₄) ₂ W ₁₈ O ₅₄] ⁶⁻ Anions. <i>Inorganic Chemistry</i> , 2011, 50, 4967-4977.	4.0	34
841	Chiral salen-metal derivatives of polyoxometalates with asymmetric catalytic and photocatalytic activities. <i>Dalton Transactions</i> , 2011, 40, 9964.	3.3	46
842	pH-Tuned self-assembly of organicâ€“inorganic hybrids based on different vanadate chains, Zn(ⁱⁱ) ions and flexible ligands: crystallizing in polar and centrosymmetric space group. <i>CrystEngComm</i> , 2011, 13, 779-786.	2.6	25
843	Step-wise synthesis of inorganicâ€“organic hybrid based on Î± ³⁻ -octamolybdate-based tectons. <i>Dalton Transactions</i> , 2011, 40, 3176.	3.3	30
844	Uniform hollow mesoporous silica nanocages for drug delivery in vitro and in vivo for liver cancer therapy. <i>Journal of Materials Chemistry</i> , 2011, 21, 5299.	6.7	101
845	Study of a hydrothermal reaction system of copper, imidazole and polyoxometalates: selective assembly of a 3D porous metalâ€“organic pseudo-rotaxane framework and encapsulation of polyoxometalate clusters. <i>CrystEngComm</i> , 2011, 13, 7079.	2.6	54
846	DFT studies on the electronic properties of organometallic-polyoxomolybdate anions [Cp ⁿ⁻ Mo (n = 1 or 2): Revealing bonding features of Cp ⁿ⁻ Mo. <i>Computational and Theoretical Chemistry</i> , 2011, 976, 1-7.		

#	ARTICLE	IF	CITATIONS
847	Ab initio and density functional study on fullerene C ₄₄ and its derivatives. Computational and Theoretical Chemistry, 2011, 978, 166-171.	2.5	14
848	A Sodalite-Type Porous Metal-Organic Framework with Polyoxometalate Templates: Adsorption and Decomposition of Dimethyl Methylphosphonate. Journal of the American Chemical Society, 2011, 133, 4178-4181.	13.7	405
849	Synthesis and characterization of two {Mo ₆ }-based/templated metal-organic frameworks. CrystEngComm, 2011, 13, 1461-1466.	2.6	38
850	The effect of multiple weak interactions on the charge transport ability in polymorphs. Synthetic Metals, 2011, 161, 1073-1078.	3.9	6
851	A novel route for designing C ₆₀ derivatives with large first hyperpolarizability: Cage-opened cases. Synthetic Metals, 2011, 161, 2185-2191.	3.9	2
852	Building block approach to a series of substituted Keggin-type inorganic-organic hybrids. Solid State Sciences, 2011, 13, 1115-1121.	3.2	16
853	Syntheses, structures, and photoluminescence of d ₁₀ coordination architectures: From 1D to 3D complexes based on mixed ligands. Solid State Sciences, 2011, 13, 1083-1091.	3.2	18
854	Adsorption of volatile organic compounds in porous metal-organic frameworks functionalized by polyoxometalates. Journal of Solid State Chemistry, 2011, 184, 3034-3039.	2.9	67
855	Identification of nonplanar small molecule for G-quadruplex grooves: Molecular docking and molecular dynamic study. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 6969-6972.	2.2	19
856	3D Chiral Microporous (10,3)-a Topology Metal-Organic Framework Containing Large Helical Channels. Crystal Growth and Design, 2011, 11, 2510-2514.	3.0	21
857	Three-propeller-blade-shaped electride: remarkable alkali-metal-doped effect on the first hyperpolarizability. Theoretical Chemistry Accounts, 2011, 128, 241-248.	1.4	45
858	Charge transport and electronic properties of N-heteroquinones: quadruple weak hydrogen bonds and strong π - π stacking interactions. Theoretical Chemistry Accounts, 2011, 128, 257-264.	1.4	20
859	Determination of the charge transport abilities of polymorphs [C ₆ F ₅ Cu] ₂ (4,4'-bipy) with different interactions: a density functional theoretical investigation. Theoretical Chemistry Accounts, 2011, 129, 45-51.	1.4	3
860	The influence of thienyl-S,S-dioxidation on the photoluminescence and charge transport properties of dithienothiophenes: a theoretical study. Theoretical Chemistry Accounts, 2011, 129, 247-255.	1.4	31
861	Quantum chemical studies of Lindqvist-type polyoxometalates containing late 3d transition metals ([$(\text{py})\text{M}(\text{W}_5\text{O}_{18})_4$] (M = Fe, Co, Ni)): M-N bonding and second-order nonlinear optical properties. Theoretical Chemistry Accounts, 2011, 130, 1043-1053.	1.4	12
862	A series of POM-based entangled frameworks with the rigid ligand 1,4-bis(1-imidazolyl)benzene and different isomers of octamolybdate. Journal of Solid State Chemistry, 2011, 184, 1141-1147.	2.9	17
863	Theoretical study on stability and nonlinear optical properties of tetrahydropyrrole diradical and its isoelectronic systems in different electronic states. Science China Chemistry, 2011, 54, 1086-1093.	8.2	2
864	One-pot synthesized polyurethane-based nanocomposites filled by original rectorite with enhanced strength and elongation. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 483-490.	1.0	6

#	ARTICLE	IF	CITATIONS
865	Synthesis, Characterization, and Luminescence of Two New Zinc(II) Coordination Polymers Constructed by 5-(4-Carboxybenzyloxy)isophthalic Acid Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1414-1418.	1.2	3
866	Synthesis and Luminescent Properties of Two Zinc(II) Coordination Polymers Constructed by 4-(Pyridin-4-ylmethoxy)benzoic Acid Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1419-1422.	1.2	2
867	Synthesis, Crystal Structure, and Fluorescent Property of A Chiral 2D Polymer Based on Bis(2-benzimidazoles) and Aromatic Carboxylate Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 2211-2214.	1.2	2
868	DFT study on the second-order nonlinear optical property of 12-vertex closo-carborane derivatives. <i>International Journal of Quantum Chemistry</i> , 2011, 111, 1039-1047.	2.0	13
869	Chiral Nanoporous Metal-Organic Frameworks with High Porosity as Materials for Drug Delivery. <i>Advanced Materials</i> , 2011, 23, 5629-5632.	21.0	378
870	Bonding Interactions between Nitrous Oxide (N ₂ O) and Mono-Ruthenium Substituted Keggin-Type Polyoxometalates: Electronic Structures of Ruthenium/N ₂ O Adducts. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 489-494.	2.0	17
871	High-Performance Oxygen Sensors Based on Eu ^{III} Complex/Polystyrene Composite Nanofibrous Membranes Prepared by Electrospinning. <i>ChemPhysChem</i> , 2011, 12, 349-355.	2.1	35
872	Thermochemical stabilities, electronic structures, and optical properties of C ₅₆ X ₁₀ (X = H, F, and Cl) fullerene compounds. <i>Journal of Computational Chemistry</i> , 2011, 32, 658-667.	3.3	18
873	Preparation and Application of Multiple-Component-Doped Keggin Polyoxometalate Microtubes Towards a Component-Tunable Hollow Structure. <i>Chemistry - A European Journal</i> , 2011, 17, 3657-3662.	3.3	25
874	Boron/Nitrogen Substitution of the Central Carbon Atoms of the Biphenalenyl Diradical Dimer: A Novel 2e ⁻ 12c Bond and Large NLO Responses. <i>Chemistry - A European Journal</i> , 2011, 17, 11773-11779.	3.3	71
875	Synthesis, structure and properties of one 2-D Ag(I) complex based on trinuclear silver(I) cluster and arene-linked bis(pyrazolyl)methane ligand. <i>Inorganic Chemistry Communication</i> , 2011, 14, 347-350.	3.9	9
876	Three-dimensional porous metal-organic replica of natural mineral γ -Al ₂ O ₃ based on hexadentate triazine derivative. <i>Inorganic Chemistry Communication</i> , 2011, 14, 893-896.	3.9	8
877	Structures and fluorescence properties of two novel metal-organic frameworks based on the bis(2-benzimidazole) and aromatic carboxylate ligands. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1077-1081.	3.9	12
878	Mn ^{III} -Salen composite materials based on Keggin heteropolyanions exhibiting photocatalytic and electrocatalytic activities. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1418-1421.	3.9	10
879	Effects of starch nanocrystals on structure and properties of waterborne polyurethane-based composites. <i>Carbohydrate Polymers</i> , 2011, 85, 824-831.	10.2	62
880	TDDFT study on the second-order nonlinear optical properties of a series of mono- and di-nuclear [60]fullerene complexes. <i>Computational and Theoretical Chemistry</i> , 2011, 963, 98-103.	2.5	3
881	Theoretical studies on the structure and properties of BN clusters (BN) _n and endohedral metallo-BN clusters M@(BN) _n . <i>Computational and Theoretical Chemistry</i> , 2011, 964, 56-64.	2.5	18
882	Comparative study of the electrostatic potential of perfect and defective single-walled carbon nanotubes. <i>Computational and Theoretical Chemistry</i> , 2011, 966, 1-8.	2.5	8

#	ARTICLE	IF	CITATIONS
883	Quantum chemical study of structures, electronic spectrum, and nonlinear optical properties of polynuclear lithium compounds. <i>Computational and Theoretical Chemistry</i> , 2011, 966, 14-19.	2.5	19
884	A theoretical study of ambipolar organic transport material: 1,4-Bis(pentafluorobenzyl)[60]-fullerene. <i>Chemical Physics Letters</i> , 2011, 506, 255-259.	2.6	7
885	Syntheses, structures and luminescent properties of a series of 3D lanthanide coordination polymers with tripodal semirigid ligand. <i>Journal of Solid State Chemistry</i> , 2011, 184, 373-378.	2.9	24
886	Fluorescent hollow/rattle-type mesoporous Au@SiO ₂ nanocapsules for drug delivery and fluorescence imaging of cancer cells. <i>Journal of Colloid and Interface Science</i> , 2011, 358, 109-115.	9.4	72
887	Synthesis and photovoltaic properties of low-bandgap polymers based on N-arylcarbazole. <i>Polymer</i> , 2011, 52, 1748-1754.	3.8	23
888	Synthesis and characterizations of novel spindle-like terphenyl-type chromophores for non-linear optical materials. <i>Tetrahedron</i> , 2011, 67, 4110-4117.	1.9	17
889	Combined Density Functional Theory and Ensembled Elman Network Correction Approach for Electronic Excitation Energies. , 2011, , .		0
890	QUANTUM CHEMISTRY STUDIES ON THE Fe-Hg INTERACTIONS AND 31P NMR IN [Fe(CO) ₃ (RPhPpy) ₂ (HgCl ₂)] (R = Me, Et, Ph). <i>Journal of Theoretical and Computational Chemistry</i> , 2011, 10, 53-63.	1.8	1
891	A new luminescent 3-D metal-organic framework of diamond-like network possessing 8-fold interpenetration. <i>Journal of Coordination Chemistry</i> , 2011, 64, 1578-1585.	2.2	12
892	Improving the Accuracy of Density Functional Theory (DFT) Calculation for Homolysis Bond Dissociation Energies of Y-NO Bond: Generalized Regression Neural Network Based on Grey Relational Analysis and Principal Component Analysis. <i>International Journal of Molecular Sciences</i> , 2011, 12, 2242-2261.	4.1	12
893	Role of Terminal Positions of Aryl Ring Towards Second-Order Nonlinearity in Arylimido-Substituted Molybdates: An Interesting Quantum Study of Organic-Inorganic Hybrid Composites. <i>Current Physical Chemistry</i> , 2011, 1, 99-105.	0.2	10
894	The influence of Mâ€¦M attraction on nonlinear optical properties of (XMPH ₃) ₂ (X = F, Cl; and M = Au, Ag and Cu): A theoretical study. <i>International Journal of Quantum Chemistry</i> , 2010, 110, 865-873.	2.0	1
895	Theoretical study on second-order nonlinear optical properties of spin crossover Fe(III) phenolateâ€¦pyridyl Schiff base complexes. <i>International Journal of Quantum Chemistry</i> , 2010, 110, 1863-1870.	2.0	2
896	Aspects of the Nonlinear Optical Properties as a Guide to Protonation Sites: A Theoretical Study upon Î±-Keggin [SiW ₁₂ O ₄₀] ⁴⁻ and [SiV ₃ W ₉ O ₄₀] ⁷⁻ . <i>Chemistry Letters</i> , 2010, 39, 580-581.	1.3	1
897	Theoretical study on the structures, isomerization and stability of SiC ₄ isomers. <i>Theoretical Chemistry Accounts</i> , 2010, 126, 15-25.	1.4	3
898	Theoretical study on dithieno[3,2-b:2'-3'-d]phosphole derivatives: high-efficiency blue-emitting materials with ambipolar semiconductor behavior. <i>Theoretical Chemistry Accounts</i> , 2010, 127, 419-427.	1.4	14
899	Charge transport and luminescent properties of C ₆ F ₅ Cu(py) and their relationships with cuprophilic interactions: a density functional theory investigation. <i>Theoretical Chemistry Accounts</i> , 2010, 127, 735-742.	1.4	12
900	The modulation of electronic and optical properties of OXD-X through introduction of the electron-withdrawing groups: A DFT study. <i>Journal of Molecular Graphics and Modelling</i> , 2010, 28, 427-434.	2.4	3

#	ARTICLE	IF	CITATIONS
901	Auxiliary aromatic-acid effect on the structures of a series of ZnII coordination polymers: Syntheses, crystal structures, and photoluminescence properties. <i>Journal of Solid State Chemistry</i> , 2010, 183, 849-857.	2.9	7
902	Fabrication of fluorescent mesoporous silica nanoparticles with confined 8-hydroxyquinoline functionalized ZnS nanoparticles and their transparent polymer nanocomposites. <i>Microporous and Mesoporous Materials</i> , 2010, 130, 122-129.	4.4	6
903	Theoretical investigation on structures, electronic spectra and nonlinear optical properties of gold compounds $[X-\text{Au}(\text{PMe}_3)_2]$. <i>Science China Chemistry</i> , 2010, 53, 1149-1154.	8.2	2
904	Synthesis and characterization of two novel coordination polymers based on the rigid 1H-1,2,3-triazole-4,5-dicarboxylic acid ligand. <i>Science China Chemistry</i> , 2010, 53, 2177-2182.	8.2	5
905	Molecular simulation study of the binding mechanism of $[\text{Pt}(\text{Ti}_2\text{W}_{10}\text{O}_{40})_7]^{7-}$ for its promising broad-spectrum inhibitory activity to FluV-A neuraminidase. <i>Science Bulletin</i> , 2010, 55, 2497-2504.	1.7	2
906	Fluorescent Gold Nanoprobes for the Sensitive and Selective Detection for Hg ²⁺ . <i>Nanoscale Research Letters</i> , 2010, 5, 1856-1860.	5.7	55
907	Length-Dependent Direction-Tunable Charge-Transfer Behavior of Second-Order Optical Nonlinearity in Keggin-Type Organosilicone Derivative $[\text{PW}_{11}\text{O}_{39}(\text{RSi}_2\text{O})_3]^{3-}$: A TDDFT Study. <i>Journal of Cluster Science</i> , 2010, 21, 69-80.	3.3	8
908	Two new extended structures built from condensed Keggin-type polyoxotungstates and copper(II)-organic units. <i>Solid State Sciences</i> , 2010, 12, 128-133.	3.2	6
909	Theoretical studies on electronic spectra and second-order nonlinear optical properties of barbituric acid derivatives substituted with schiff base. <i>Chinese Journal of Chemistry</i> , 2010, 22, 425-429.	4.9	3
910	Computational studies on the mechanism and kinetics of Cl reaction with $\text{C}_2\text{H}_5\text{I}$. <i>Journal of Computational Chemistry</i> , 2010, 31, 2263-2272.	3.3	6
911	Hydrogen Adsorption in Polyoxometalate Hybrid Compounds Based on Porous Metal-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3756-3761.	2.0	44
912	Quantum Chemical Design for Enhanced Second-Order NLO Response of Terpyridine-Substituted Hexamolybdates. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3466-3472.	2.0	26
913	Alq_3 and Mer-Alq_3 Nano/Microcrystals with Different Emission and Charge-Transporting Properties. <i>Advanced Materials</i> , 2010, 22, 1631-1634.	21.0	66
914	Complex-Surfactant-Assisted Hydrothermal Synthesis and Properties of Hierarchical Worm-Like Cobalt Sulfide Microtubes Assembled by Hexagonal Nanoplates. <i>Chemistry - A European Journal</i> , 2010, 16, 6625-6631.	3.3	52
915	Prediction of robustly large molecular second-order nonlinear optical properties of terpyridine-substituted hexamolybdates: Structural modelling towards a rational entry to NLO materials. <i>Journal of Molecular Graphics and Modelling</i> , 2010, 28, 735-745.	2.4	30
916	A theoretical study on the efficient reversible redox-based switching of the second-order polarizabilities of two-dimensional nonlinear optical-active donor-acceptor phenanthroline-hexamolybdate. <i>Journal of Molecular Graphics and Modelling</i> , 2010, 29, 13-20.	2.4	12
917	Construction of a series of OD, 2D and 3D inorganic-organic hybrid coordination polymers based on octamolybdate and 2-(2-pyridyl)imidazole and its derivative. <i>Inorganica Chimica Acta</i> , 2010, 363, 118-126.	2.4	18
918	An equatorial tri-iron substituted Wells-Dawson type tungstophosphate with magnetic and bifunctional electrocatalytic properties. <i>Inorganica Chimica Acta</i> , 2010, 363, 718-722.	2.4	17

#	ARTICLE	IF	CITATIONS
919	A series of inorganic-organic hybrid compounds constructed from bis(undecatungstophosphate) lanthanates and copper-organic units. <i>Inorganica Chimica Acta</i> , 2010, 363, 3823-3831.	2.4	22
920	Secondary ligand-directed assembly of ZnII and CdII coordination architectures: From 1D to 3D compounds based on pyridine carboxylate ligands. <i>Journal of Molecular Structure</i> , 2010, 983, 93-98.	3.6	4
921	A theoretical study of ground and excited state proton transfer and rotamerism in salicylanilide and its 1:1 complex with methanol. <i>Computational and Theoretical Chemistry</i> , 2010, 945, 110-115.	1.5	1
922	Theoretical study of the impact factor on redox property and second-order nonlinear response for organoimido derivatives of $[Mo_6O_{19}]^{2-}$: Electron donors with magnitude of conjugated groups or length of conjugated chain. <i>Computational and Theoretical Chemistry</i> , 2010, 947, 9-15.	1.5	2
923	Novel rare-earth(III)-based water soluble emitters for Fe(III) detection. <i>Sensors and Actuators B: Chemical</i> , 2010, 143, 595-599.	7.8	81
924	High luminescence, organic-inorganic nanocomposite films with covalently linked 8-hydroxyquinoline anchored to ZnS nanoparticles. <i>Dyes and Pigments</i> , 2010, 85, 66-72.	3.7	10
925	Broad absorbing low-bandgap polythiophene derivatives incorporating separate and content-tunable benzothiadiazole and carbazole moieties for polymer solar cells. <i>European Polymer Journal</i> , 2010, 46, 1770-1777.	5.4	14
926	A new 2D 5-connected coordination polymer based on 3,4-bis(pyridin-4-ylmethoxy)benzoic acid ligand. <i>Inorganic Chemistry Communication</i> , 2010, 13, 932-934.	3.9	3
927	Two inorganic-organic hybrid compounds based on $[Ni_2(V_3O_9)_2]^{2-}$ cluster and $\{Co_2V_2\}$ cage subunits. <i>Inorganic Chemistry Communication</i> , 2010, 13, 981-984.	3.9	1
928	An en-templated 3D coordination polymer based on H ₂ pzdc with macrometalloclusters. <i>Inorganic Chemistry Communication</i> , 2010, 13, 1227-1230.	3.9	14
929	Hydrothermal syntheses of two novel coordination polymers based on tetranuclear metal cluster constructed by 1,3,5-Tris(2H-tetrazol-5-yl)benzene ligand. <i>Inorganic Chemistry Communication</i> , 2010, 13, 1203-1206.	3.9	4
930	A peanut-like Keggin-type POM-incorporated metal-organic framework. <i>Inorganic Chemistry Communication</i> , 2010, 13, 1473-1475.	3.9	6
931	Synthesis and characterization of new bifunctional nanocomposites possessing upconversion and oxygen-sensing properties. <i>Nanotechnology</i> , 2010, 21, 285701.	2.6	29
932	Accurate Prediction of the Optical Absorption Energies by Neural Network Ensemble Approach. , 2010, , .		0
933	A DFT study on the electronic and redox properties of $[X_8V_{14}O_{50}]^{n-}$ ($X = Si^{IV}$,) <i>J. ETQq1 1 0,784314 rgBT /Overl</i> 434-442.	1.1	18
934	DFT STUDY ON SECOND-ORDER NONLINEAR OPTICAL PROPERTIES OF THE DERIVATIVES OF DISUBSTITUTED SEVEN-VERTEX COBALTACARBORANE METALLOCLUSTERS. <i>Journal of Theoretical and Computational Chemistry</i> , 2010, 09, 219-231.	1.8	3
935	Theoretical investigation of electronic properties and redox properties for purely inorganic and aryloxy substituted Ti-containing POM derivatives. <i>Molecular Physics</i> , 2010, 108, 1553-1560.	1.7	3
936	Theoretical Investigation of the Reactions of $CF_3CH_2OFCF_3$ with the OH Radical and Cl Atom. <i>Journal of Physical Chemistry A</i> , 2010, 114, 417-424.	2.5	32

#	ARTICLE	IF	CITATIONS
937	pH-Dependent Binary Metal-Organic Compounds Assembled from Different Helical Units: Structural Variation and Supramolecular Isomers. <i>Crystal Growth and Design</i> , 2010, 10, 1699-1705.	3.0	63
938	pH-dependent self-assembly of divalent metals with a new ligand containing polycarboxylate: syntheses, crystal structures, luminescent and magnetic properties. <i>CrystEngComm</i> , 2010, 12, 2157.	2.6	76
939	Polyoxometalate-Based Porous Framework with Perovskite Topology. <i>Crystal Growth and Design</i> , 2010, 10, 4227-4230.	3.0	39
940	Carbazolyl-contained phenol-pyridyl boron complexes: syntheses, structures, photoluminescent and electroluminescent properties. <i>Dalton Transactions</i> , 2010, 39, 5123.	3.3	24
941	Anion-directed genuine meso-helical supramolecular isomers of two 1D Ag(i) complexes based on arene-linked bis(pyrazolyl)methane ligands. <i>CrystEngComm</i> , 2010, 12, 3458.	2.6	29
942	Construction and property investigation of transition-metal complexes modified octamolybdate hybrid materials based on V-shaped organic ligands. <i>CrystEngComm</i> , 2010, 12, 434-445.	2.6	73
943	L-cysteine functionalized gold nanoparticles for the colorimetric detection of Hg ²⁺ induced by ultraviolet light. <i>Nanotechnology</i> , 2010, 21, 025501.	2.6	154
944	A series of novel chiral lanthanide coordination polymers with channels constructed from 16Ln-based cage-like building units. <i>CrystEngComm</i> , 2010, 12, 1147-1152.	2.6	39
945	Colorimetric Detection of Pb ²⁺ Using Glutathione Functionalized Gold Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 1466-1470.	8.0	340
946	Electronic Properties of Unprecedented Bridging Organoimido-Substituted Hexamolybdate: New Insights from Density Functional Theory Study. <i>Journal of Physical Chemistry B</i> , 2010, 114, 3754-3758.	2.6	17
947	Two Heterometallic Aggregates Constructed from the {P ₂ W ₁₂ } ²⁻ -Based Trimeric Polyoxotungstates and 3d-4f Heterometals. <i>Crystal Growth and Design</i> , 2010, 10, 135-139.	3.0	67
948	DFT/TD-DFT Study on the Electronic Structures and Optoelectronic Properties of Several Blue-Emitting Iridium(III) Complexes. <i>Journal of Physical Chemistry A</i> , 2010, 114, 6559-6564.	2.5	44
949	Theoretical studies on electronic and electron blocking properties of iridium complexes with phenylpyrazolato ligands. <i>Synthetic Metals</i> , 2010, 160, 1015-1021.	3.9	4
950	Mechanistic and Kinetic Study of CH ₂ O+O ₃ Reaction. <i>Journal of Physical Chemistry A</i> , 2010, 114, 3516-3522.	2.5	28
951	Tuning Second-Order Non-linear (NLO) Optical Response of Organoimido-Substituted Hexamolybdates through Halogens: Quantum Design of Novel Organic-Inorganic Hybrid NLO Materials. <i>Australian Journal of Chemistry</i> , 2010, 63, 836.	0.9	35
952	Ionothermal synthesis of a new open-framework zinc phosphite NIS-3 with low framework density. <i>CrystEngComm</i> , 2010, 12, 1401.	2.6	24
953	On the Origin of the Inverted Stability Order of the Reverse-Keggin [(MnO ₄)(CH ₃) ₁₂ Sb ₁₂ O ₂₄] ⁶⁻ : A DFT Study of 1±, 1 ² , 1 ³ , 1 ⁴ , and 1 ^μ Isomers. <i>Inorganic Chemistry</i> , 2010, 49, 5472-5481.	4.0	14
954	3d - 4f Heterometallic Complexes for the Construction of POM-based Inorganic - Organic Hybrid Compounds: from Nanoclusters to One-Dimensional Ladder-Like Chains. <i>Australian Journal of Chemistry</i> , 2010, 63, 1389.	0.9	33

#	ARTICLE	IF	CITATIONS
955	Metal-Organic Frameworks Based on Different Benzimidazole Derivatives: Effect of Length and Substituent Groups of the Ligands on the Structures. <i>Crystal Growth and Design</i> , 2010, 10, 1161-1170.	3.0	61
956	White light emission from Mn ²⁺ -doped ZnS nanocrystals through the surface chelating of 8-hydroxyquinoline-5-sulfonic acid. <i>Nanotechnology</i> , 2010, 21, 115702.	2.6	51
957	Improving the Accuracy of Low Level Density Functional Theory Calculation for Absorption Energies: The Least Squares Support Vector Machine. , 2010, , .		0
958	Inorganic-organic hybrid compounds based on the co-existence of different isomers or forms of polymolybdate. <i>CrystEngComm</i> , 2010, 12, 3684.	2.6	38
959	Using Flexible and Rigid Organic Ligands to Tune Topology Structures Based on Keggin Polyoxometalates. <i>Crystal Growth and Design</i> , 2010, 10, 1104-1110.	3.0	116
960	A polyoxometalate-encapsulated 3D porous metal-organic pseudo-rotaxane framework. <i>Chemical Communications</i> , 2010, 46, 5097.	4.1	106
961	Accurate Prediction of Transition Energies in Organic Molecules. , 2010, , .		0
962	Quantum chemical study of benzimidazole derivatives to tune the second-order nonlinear optical molecular switching by proton abstraction. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 4791.	2.8	106
963	Helical channels, low framework density and structure-directing effect: a novel non-centrosymmetric zinc phosphate NIS-4 prepared by ionothermal reaction. <i>CrystEngComm</i> , 2010, 12, 3448.	2.6	12
964	Metal-organic replica of chiral natural material β -SnF ₂ : an enantiopure binodal (3,5)-connected net based on triangular and trigonal bipyramidal coordination. <i>Chemical Communications</i> , 2010, 46, 604-606.	4.1	20
965	Theoretical study on the electron transfer and phosphorescent properties of iridium(III) complexes with 2-phenylpyridyl and 8-hydroxyquinolate ligands. <i>Dalton Transactions</i> , 2010, 39, 7733.	3.3	30
966	Chirality and magnetism of an open-framework cobalt phosphite containing helical channels from achiral materials. <i>Chemical Communications</i> , 2010, 46, 2614.	4.1	55
967	Prediction of second-order optical nonlinearity of porphyrin-metal-polyoxometalate sandwich compounds. <i>Dalton Transactions</i> , 2010, 39, 7645.	3.3	46
968	Coordination between [H ₂ P ₂ W ₁₂ O ₄₈] ¹²⁻ and antimony(III): synthesis and characterization of sandwich complex derived from the new {P ₂ W ₁₃ O ₅₁ } fragment. <i>Dalton Transactions</i> , 2010, 39, 8033.	3.3	25
969	How the Number and Location of Lithium Atoms Affect the First Hyperpolarizability of Graphene. <i>Journal of Physical Chemistry C</i> , 2010, 114, 19792-19798.	3.1	67
970	Theoretical study on the tetranuclear endohedral vanadyl carboxylates with guest-switchable redox properties and large polarizability. <i>Dalton Transactions</i> , 2010, 39, 3706.	3.3	14
971	NOVEL ANODE LI-ION SECONDARY BATTERIES DERIVED FROM NANOCRYSTALLINE Li ₄ Ti ₅ O ₁₂ /POLYACENE MATERIALS. <i>International Journal of Nanoscience</i> , 2009, 08, 333-336.	0.7	0
972	An accurate density functional theory calculation for electronic excitation energies: The least-squares support vector machine. <i>Journal of Chemical Physics</i> , 2009, 130, 184104.	3.0	20

#	ARTICLE	IF	CITATIONS
973	Self-assembly of zinc polymers based on a flexible linear ligand at different pH values: Syntheses, structures and fluorescent properties. <i>Solid State Sciences</i> , 2009, 11, 635-642.	3.2	16
974	Thermally Induced Reversible Phase Transformations Accompanied by Emission Switching Between Different Colors of Two Aromaticâ€¦Amine Compounds. <i>Advanced Materials</i> , 2009, 21, 3165-3169.	21.0	181
975	From Racemic Compound to Spontaneous Resolution: A Linkerâ€¦Imposed Evolution of Chiral [MnMo ₉ O ₃₂] ⁶⁺ -Based Polyoxometalate Compounds. <i>Chemistry - A European Journal</i> , 2009, 15, 10940-10947.	3.3	37
976	Theoretical Investigation on Electronic Transition of Tris(8-quinolinolate) Aluminum Grafted on Poly(<i>p</i> -phenylenevinylene) Units with the Localizedâ€¦densityâ€¦matrix Method. <i>Chinese Journal of Chemistry</i> , 2009, 27, 1891-1896.	4.9	1
977	A Quantum Chemical Study of the Structure, Bonding Characteristics and Nonlinear Optical Properties of Aryloxido and Salicylaldehyde Derivatives of [XW ₅ O ₁₈] ³⁻ (X = Zr or Ti). <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2529-2535.	2.0	24
978	Two New Helical Compounds Based on Pitchâ€¦Tunable Keggin Clusters. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 5175-5180.	2.0	18
979	A Quantum Mechanical Study of the Second-Order Nonlinear Optical Properties of Aryldiazenido-Substituted Hexamolybdates: A Surprising Charge Transfer. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 5181-5188.	2.0	19
980	Bottomâ€¦Up Synthesis of Porous Coordination Frameworks: Apical Substitution of a Pentanuclear Tetrahedral Precursor. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5291-5295.	13.8	182
981	Investigation on fluorescence properties of ultrafine PVA fiber matsâ€¦contained polyoxometalate with different molecular structure. <i>Journal of Applied Polymer Science</i> , 2009, 113, 1369-1374.	2.6	5
982	DFT study on second-order nonlinear optical properties of Pt(II) complexes with different chromophores. <i>Science in China Series B: Chemistry</i> , 2009, 52, 144-152.	0.8	5
983	The comparative investigation on redox property and second-order nonlinear response of Keggin-type [±-[PM12O39NPh]3]â€¦ (M = W and Mo) and Mo6NPh. <i>Science Bulletin</i> , 2009, 54, 203-211.	9.0	8
984	A theoretical investigation of intermolecular interaction of a phthalimide based â€¦sensor with different halide ions: tuning its efficiency and electro-optical properties. <i>Theoretical Chemistry Accounts</i> , 2009, 122, 77-86.	1.4	33
985	Theoretical study on the two-dimensional second-order nonlinear optical properties: a series of charge-transfer covalently bonded organoimido derived hexamolybdate complexes. <i>Theoretical Chemistry Accounts</i> , 2009, 122, 217-226.	1.4	13
986	Quantum chemical study of redox-switchable second-order optical nonlinearity in Keggin-type organoimido derivative [PW11O39(ReNC6H5)] ⁿ⁻ (n=2â€¦4). <i>Theoretical Chemistry Accounts</i> , 2009, 122, 265-273.	1.4	19
987	The effect of phenyl group on the electronic and phosphorescent properties of cyclometalated analogues of platinum(II) terpyridine complexes: a theoretical study. <i>Theoretical Chemistry Accounts</i> , 2009, 124, 29-36.	1.4	23
988	Syntheses and Characterization of Two Coordination Polymers Constructed by the Ligand 3,5-Bis(pyridin-4-ylmethoxy)benzoic Acid. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, NA-NA.	1.2	0
989	Theoretical study on the secondâ€¦order nonlinear optical properties of nonconjugated Dâ€¦chromophores. <i>International Journal of Quantum Chemistry</i> , 2009, 109, 1553-1559.	2.0	14
990	Two new octamolybdate-based metalâ€¦organic polymers: Structures, semiconducting and photoluminescent properties. <i>Journal of Molecular Structure</i> , 2009, 935, 69-74.	3.6	6

#	ARTICLE	IF	CITATIONS
991	Syntheses and characterizations of three coordination polymers based on dipyritylbenzoates and 1,4-benzenedicarboxylate. <i>Polyhedron</i> , 2009, 28, 975-979.	2.2	31
992	Syntheses and characterizations of five coordination polymers constructed by 3,5-bis(pyridin-3-ylmethoxy)benzoic acid ligand. <i>Polyhedron</i> , 2009, 28, 3155-3161.	2.2	6
993	Theoretical investigation of structures, electronic spectra and nonlinear optical properties of gold-pentacene (Au ₂ C ₂₂ H ₁₄) complexes. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1266-1272.	1.8	16
994	Theoretical investigation of electronic structures and excitation energies of hexaphyrin and its group 11 transition metal (III) complexes. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3012-3018.	1.8	7
995	Organic-inorganic hybrids constructed by Anderson-type polyoxoanions and copper coordination complexes. <i>Journal of Solid State Chemistry</i> , 2009, 182, 49-54.	2.9	17
996	Synthesis, characterization and crystal structure of a novel Os(II)-supported tungstoarsenate [HAsW ₇ O ₂₈ Os(dmsO) ₃] ₆ . <i>Journal of Solid State Chemistry</i> , 2009, 182, 83-88.	2.9	18
997	Incorporation of Zn ₂ complexes into mesoporous silica and their transparent polymer luminescent nanocomposites. <i>Journal of Solid State Chemistry</i> , 2009, 182, 1430-1437.	2.9	11
998	Interpenetrating metal-organic frameworks formed by self-assembly of tetrahedral and octahedral building blocks. <i>Journal of Solid State Chemistry</i> , 2009, 182, 3105-3112.	2.9	12
999	Two novel supramolecular isomers based on 2,2'-bimidazole derivative and zinc ions: Syntheses, structures and luminescent properties. <i>Inorganic Chemistry Communication</i> , 2009, 12, 169-172.	3.9	9
1000	A novel luminescent 3D metal-organic framework possessing 4-fold interpenetrating (3,4)-connected net. <i>Inorganic Chemistry Communication</i> , 2009, 12, 969-971.	3.9	13
1001	A new (3,4,7)-connected topology framework based on [Cd ₂ (CO ₂) ₃ O ₄ N ₂] second building unit. <i>Inorganic Chemistry Communication</i> , 2009, 12, 1024-1026.	3.9	7
1002	Highly Stable Crystalline Catalysts Based on a Microporous Metal-Organic Framework and Polyoxometalates. <i>Journal of the American Chemical Society</i> , 2009, 131, 1883-1888.	13.7	876
1003	Protein-Sized Chiral Fe ₁₆₈ Cages with NbO-Type Topology. <i>Journal of the American Chemical Society</i> , 2009, 131, 14600-14601.	13.7	128
1004	1,2,3,4-Alternate double cone conformational extreme in the supramolecular assemblies of p-sulfonatocalix[8]arene. <i>CrystEngComm</i> , 2009, 11, 1803.	2.6	18
1005	Realization of High-Energy Emission from [Cu(N ⁺ N)(P ⁻ P)] ⁺ Complexes for Organic Light-Emitting Diode Applications. <i>Journal of Physical Chemistry C</i> , 2009, 113, 13968-13973.	3.1	94
1006	Tin Alkylarsonate Clusters: Ca ⁺ H ⁻ X (X = Cl, O, and I) Interaction-Mediated Supramolecular Formation. <i>Crystal Growth and Design</i> , 2009, 9, 3881-3888.	3.0	13
1007	Knot-Isomers of Möbius Cyclohexane: How Does the Number of Knots Influence the Structure and First Hyperpolarizability?. <i>Journal of Physical Chemistry C</i> , 2009, 113, 15380-15383.	3.1	48
1008	Quantum Chemical Studies on High-Valent Metal Nitrido Derivatives of Keggin-Type Polyoxometalates ([PW ₁₁ O ₃₉ {M ⁺ VIN}] ₄) ⁻ (M = Ru, Os, Re): M ⁺ N Bonding and Electronic Structures. <i>Inorganic Chemistry</i> , 2009, 48, 541-548.	4.0	40

#	ARTICLE	IF	CITATIONS
1009	Isophorone-based analogues with A-Ĥ-D-Ĥ-A structure for red organic light emitting devices. <i>Synthetic Metals</i> , 2009, 159, 401-405.	3.9	7
1010	Photophysical and charge-transport properties of hole-blocking material-TAZ: A theoretical study. <i>Synthetic Metals</i> , 2009, 159, 1767-1771.	3.9	6
1011	Theoretical study on the second-order nonlinear optical properties of gold (III) alkyl complexes. <i>Synthetic Metals</i> , 2009, 159, 2406-2409.	3.9	1
1012	Triphenylamine-based pH chemosensor: Synthesis, crystal structure, photophysical properties and computational studies. <i>Synthetic Metals</i> , 2009, 159, 2497-2501.	3.9	13
1013	Highly sensitive oxygen sensors based on Cu(i) complexâ€polystyrene composite nanofibrous membranes prepared by electrospinning. <i>Chemical Communications</i> , 2009, , 5868.	4.1	123
1014	Investigation of Dibenzoboroles Having Ĥ-Electrons: Toward a New Type of Two-Dimensional NLO Molecular Switch?. <i>Journal of Physical Chemistry C</i> , 2009, 113, 12551-12557.	3.1	94
1015	Quantum Mechanical Design and Structure of the Li@B₁₀H₁₄Basket with a Remarkably Enhanced Electro-Optical Response. <i>Journal of the American Chemical Society</i> , 2009, 131, 11833-11840.	13.7	260
1016	Three novel 3D (3,8)-connected metalâ€organic frameworks constructed from flexible-rigid mixed ligands. <i>CrystEngComm</i> , 2009, 11, 1842.	2.6	54
1017	Five supramolecular compounds of water-soluble sulfonylcalix[4]arenetetrasulfonate showing two calixarene conformations. <i>CrystEngComm</i> , 2009, 11, 597-604.	2.6	10
1018	Combination of POMs and deliberately designed macrocations: a rational approach for synthesis of POM-pillared metalâ€organic framework. <i>Dalton Transactions</i> , 2009, , 940-947.	3.3	27
1019	Syntheses, Structures, and Luminescent Properties of Zinc(II) and Cadmium(II) Coordination Complexes Based on Different (Pyridyl)imidazole Derivatives and 1,4-Benzenedicarboxylate. <i>Crystal Growth and Design</i> , 2009, 9, 1353-1360.	3.0	51
1020	Assemblies of Copper Bis(triazole) Coordination Polymers Using the Same Keggin Polyoxometalate Template. <i>Inorganic Chemistry</i> , 2009, 48, 100-110.	4.0	188
1021	Assembly of Organic~Inorganic Hybrid Materials Based on Dawson-Type Polyoxometalate and Multinuclear Copper~Phen Complexes with Unique Magnetic Properties. <i>Crystal Growth and Design</i> , 2009, 9, 3655-3660.	3.0	55
1022	Second-Order Nonlinear Optical Properties of Transition-Metal-Trisubstituted Polyoxometalate~Diphosphate Complexes: A Donor~Conjugated Bridge~Acceptor Paradigm for Totally Inorganic Nonlinear Optical Materials. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19672-19676.	3.1	61
1023	Two Novel One-Dimensional Ĥ-Keggin-Based Coordination Polymers with Argentophilic {Ag3}3+/{Ag4}4+ Clusters. <i>Crystal Growth and Design</i> , 2009, 9, 2110-2116.	3.0	57
1024	Two unprecedented porous anionic frameworks: organoammonium templating effects and structural diversification. <i>Dalton Transactions</i> , 2009, , 8562.	3.3	39
1025	Prediction of Remarkably Large Second-Order Nonlinear Optical Properties of Organoimido-Substituted Hexamolybdates. <i>Journal of Physical Chemistry A</i> , 2009, 113, 3576-3587.	2.5	102
1026	Metalâ€organic replica of Ĥ-Pu: the first uninodal 10-connected coordination network based on pentanuclear cadmium clusters. <i>Chemical Communications</i> , 2009, , 410-412.	4.1	95

#	ARTICLE	IF	CITATIONS
1027	Construction of a Three-Dimensional Polynuclear Zinc Compound Based on Unique Metallophthalocyanine-like Subunits. <i>Inorganic Chemistry</i> , 2009, 48, 10-12.	4.0	45
1028	Macroscopic single-crystal tubes assembled with porous supramolecular architecture of water-soluble calixarene and phenanthroline. <i>Chemical Communications</i> , 2009, , 1861.	4.1	19
1029	Two eight-connected self-penetrating porous metal-organic frameworks: configurational isomers caused by different linking modes between terephthalate and binuclear nickel building units. <i>CrystEngComm</i> , 2009, 11, 274-277.	2.6	68
1030	Improving the accuracy of low level quantum chemical calculation for absorption energies: the genetic algorithm and neural network approach. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 5124.	2.8	16
1031	Unprecedented interweaving of single-helical chains into a chiral metal-organic framework based on a flexible ligand. <i>CrystEngComm</i> , 2009, 11, 1711.	2.6	28
1032	Theoretical studies on nitrido ruthenium (VI) porphyrin and high valent ruthenium nitrido derivatives of Keggin typical polyoxometalate ([PW ₁₁ O ₃₉ {RuVIN} ₄] ⁴⁻): electronic structures and bonding features. <i>Dalton Transactions</i> , 2009, , 6208.	3.3	19
1033	Redox-Switchable Second-Order Nonlinear Optical Responses of Push-Pull Monotetrathiafulvalene-Metalloporphyrins. <i>Inorganic Chemistry</i> , 2009, 48, 6548-6554.	4.0	103
1034	Silver/Polyaniline Composite Nanotubes: One-Step Synthesis and Electrocatalytic Activity for Neurotransmitter Dopamine. <i>Journal of Physical Chemistry C</i> , 2009, 113, 15175-15181.	3.1	112
1035	Synthesis, crystal structures and nonlinear optical properties of three TCF-based chromophores. <i>CrystEngComm</i> , 2009, 11, 589-596.	2.6	17
1036	Second-Order Nonlinear Optical Properties of Trisubstituted Keggin and Wells-Dawson Polyoxometalates: Density Functional Theory Investigation of the Inorganic Donor-Conjugated Bridge-Acceptor Structure. <i>Inorganic Chemistry</i> , 2009, 48, 8115-8119.	4.0	46
1037	A Facile Method for Preparation of Dye-Doped Silica-Based Raspberry-Like Microspheres and Fluorescent Films. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 6594-6599.	0.9	2
1038	Theoretical studies on the structures and absorption spectra of CnR_{2n+1} (R = H, F; n = 1, 2) substituted 5-(2-pyridyl) pyrazolate boron complexes. <i>Molecular Physics</i> , 2009, 107, 2511-2520.	1.7	1
1039	Theoretical predication of third-order optical nonlinearities of $[Al_4MA_4]^{n-}$ ($n = 0, 2$, M = Ti, V and Tj) $ETQq_1$ $1.0, 784314$ $rgBT/O$ 1.4 15		
1040	Theoretical study on the structures, isomerization and stability of SiC ₃ H isomers. <i>Theoretical Chemistry Accounts</i> , 2008, 119, 501-509.	1.4	5
1041	Density functional study of magnetic exchange of dinuclear manganese complexes with the heteropolymolyanion: [MnII ₂ (X _n +Mo ₉ O ₃₃) ₂] ₂ ($n = 10$) ⁿ⁻ (X = PV, AsV, SeVI). <i>Science in China Series B: Chemistry</i> , 2008, 51, 1174-1181.	0.8	6
1042	A novel two-dimensional zinc(II) coordination polymer with 6-mercaptopyridonic acid. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, m70-m72.	0.4	4
1043	Stabilities, electronic properties of exohedral fluorine and trifluoromethyl derivatives for C_{28} fullerene $C_{28}F_4$ (C_3) _n ($n = 0, 1, 2, 3, 4$). <i>International Journal of Quantum Chemistry</i> , 2008, 108, 1391-1399.	2.0	6
1044	Tin-Oxo Clusters Based on Aryl Arsonate Anions. <i>Chemistry - A European Journal</i> , 2008, 14, 4093-4103.	3.3	28

#	ARTICLE	IF	CITATIONS
1045	Spontaneous Resolution of Chiral Polyoxometalate-Based Compounds Consisting of 3D Chiral Inorganic Skeletons Assembled from Different Helical Units. <i>Chemistry - A European Journal</i> , 2008, 14, 9999-10006.	3.3	123
1046	Metal-Organic Frameworks Containing Flexible Bis(benzimidazole) Ligands. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 745-755.	2.0	39
1047	Synthesis, Structure, Electronic State, and Luminescent Properties of Novel Blue-Light-Emitting Aryl-Substituted 9,9-Di(4-(diethylamino)phenyl)fluorenes. <i>Advanced Functional Materials</i> , 2008, 14.9 18, 2335-2347.	14.9	65
1048	A Ligand Exchange Route to Highly Luminescent Surface-Functionalized ZnS Nanoparticles and Their Transparent Polymer Nanocomposites. <i>Advanced Functional Materials</i> , 2008, 18, 3070-3079.	2.2	40
1049	Syntheses and characterizations of four metal coordination polymers constructed by the pyridine-3,5-dicarboxylate ligand. <i>Polyhedron</i> , 2008, 27, 583-592.	2.9	16
1050	Hydrothermal syntheses, crystal structures and properties of three coordination frameworks based on a new semirigid ligand and benzenedicarboxylate. <i>Journal of Solid State Chemistry</i> , 2008, 181, 2378-2385.	2.9	21
1051	Two unprecedented 1D coordination polymer chains based on tetranuclear copper(II) building blocks. <i>Journal of Solid State Chemistry</i> , 2008, 181, 2406-2411.	3.9	14
1052	A novel chiral 3D supramolecular framework based on organooxotin cluster. <i>Inorganic Chemistry Communication</i> , 2008, 11, 220-224.	3.9	15
1053	A metal-organic framework containing meso-helical chains: Synthesis, characterization and luminescent property. <i>Inorganic Chemistry Communication</i> , 2008, 11, 1181-1183.	3.9	23
1054	A novel pentanuclear Zn(II) coordination polymer with double helices: Synthesis, structure and luminescent property. <i>Inorganic Chemistry Communication</i> , 2008, 11, 1246-1249.	1.5	7
1055	Cooperative enhancement of two-photon absorption cross sections in three-branched oligofluorene with boron center. <i>Computational and Theoretical Chemistry</i> , 2008, 855, 69-76.	1.5	14
1056	DFT study on second-order nonlinear optical properties of the derivatives of 7-vertex cobalt-carborane metallocenyl. <i>Computational and Theoretical Chemistry</i> , 2008, 863, 66-72.	1.8	6
1057	Soluble dendrimers europium(III) β -diketonate complex for organic memory devices. <i>Thin Solid Films</i> , 2008, 516, 3123-3127.	4.0	225
1058	Assembly of the Highest Connectivity Wells-Dawson Polyoxometalate Coordination Polymer: the Use of Organic Ligand Flexibility. <i>Inorganic Chemistry</i> , 2008, 47, 3274-3283.	3.3	69
1059	Construction of different dimensional inorganic-organic hybrid materials based on polyoxometalates and metal-organic units via changing metal ions: from non-covalent interactions to covalent connections. <i>Dalton Transactions</i> , 2008, , 3824.	2.5	22
1060	Theoretical Study on a Novel Series of Fullerene-Containing Organometallics $\text{Fe}(\text{C}_5\text{X}_5)_2$ (X = CH, N). <i>Journal of Physical Chemistry C</i> , 2008, 112, 8086-8092.	4.0	162
1061	Self-Assembly of 2D \times 2D Interpenetrating Coordination Polymers Showing Polyrotaxane- and Polycatenane-like Motifs: Influence of Various Ligands on Topological Structural Diversity. <i>Inorganic Chemistry</i> , 2008, 47, 10600-10610.	3.1	63
1062	Polyaniline Nanotubes Prepared Using Fiber Mats Membrane as the Template and their Gas-response Behavior. <i>Journal of Physical Chemistry C</i> , 2008, 112, 8215-8222.		

#	ARTICLE	IF	CITATIONS
1063	Structures and Luminescent Properties of Seven Coordination Polymers of Zinc(II) and Cadmium(II) with 3,3',4,4'-Benzophenone Tetracarboxylate Anion and Bis(imidazole). <i>Crystal Growth and Design</i> , 2008, 8, 675-684.	3.0	191
1064	A (4,8)-Connected Fluorite Topology Framework Based on Mononuclear and Dinuclear Metal Centers. <i>Crystal Growth and Design</i> , 2008, 8, 2055-2057.	3.0	47
1065	Influence of anionic sulfonate-containing co-ligands on the solid structures of silver complexes supported by 4,4'-bipyridine bridges. <i>Dalton Transactions</i> , 2008, , 5331.	3.3	66
1066	Tuning the Dimensionality of the Coordination Polymer Based on Polyoxometalate by Changing the Spacer Length of Ligands. <i>Crystal Growth and Design</i> , 2008, 8, 3717-3724.	3.0	193
1067	Supramolecular Isomerism with Polythreaded Topology Based on $[Mo_8O_{26}]^{4-}$ Isomers. <i>Inorganic Chemistry</i> , 2008, 47, 529-534.	4.0	148
1068	Two Dawson-Templated Three-Dimensional Metal-Organic Frameworks Based on Oxalate-Bridged Binuclear Cobalt(II)/Nickel(II) SBUs and Bpy Linkers. <i>Inorganic Chemistry</i> , 2008, 47, 7133-7138.	4.0	132
1069	pH-Dependent Assembly of Hybrids Based on Wells-Dawson POM/Ag Chemistry. <i>Inorganic Chemistry</i> , 2008, 47, 5145-5153.	4.0	159
1070	Inorganic-organic hybrid materials with different dimensions constructed from copper-fluconazole metal-organic units and Keggin polyanion clusters. <i>Dalton Transactions</i> , 2008, , 2015.	3.3	52
1071	Catenation of Loop-Containing 2D Layers with a 3D pcu Skeleton into a New Type of Entangled Framework Having Polyrotaxane and Polycatenane Character. <i>Inorganic Chemistry</i> , 2008, 47, 5555-5557.	4.0	99
1072	Unprecedented Dinuclear Tin Derivative of Deprotonated β -Cyclodextrins. <i>Inorganic Chemistry</i> , 2008, 47, 2931-2933.	4.0	14
1073	Self-Assembly of Polyoxometalate-Based Metal Organic Frameworks Based on Octamolybdates and Copper-Organic Units: from Cu_{II} , $Cu_{I,II}$ to Cu_I via Changing Organic Amine. <i>Inorganic Chemistry</i> , 2008, 47, 8179-8187.	4.0	214
1074	Spontaneous resolution of a 3D chiral polyoxometalate-based polythreaded framework consisting of an achiral ligand. <i>Chemical Communications</i> , 2008, , 58-60.	4.1	169
1075	Assembly of a Chiral Bikitaite Zeolite Metal-Organic Framework Based on the Asymmetrical Tetrahedral Building Blocks. <i>Crystal Growth and Design</i> , 2008, 8, 2986-2989.	3.0	39
1076	Unusual parallel and inclined interlocking modes in polyrotaxane-like metal-organic frameworks. <i>Chemical Communications</i> , 2008, , 2233.	4.1	186
1077	d ¹⁰ -Metal coordination polymers based on analogue di(pyridyl)imidazole derivatives and 4,4'-oxydibenzoic acid: influence of flexible and angular characters of neutral ligands on structural diversity. <i>Dalton Transactions</i> , 2008, , 6796.	3.3	64
1078	Effect of π -Conjugated Length of Bridging Ligand on the Optoelectronic Properties of Platinum(II) Dimers. <i>Inorganic Chemistry</i> , 2008, 47, 2347-2355.	4.0	54
1079	A Series of Lead(II)-Organic Frameworks Based on Pyridyl Carboxylate Acid N-Oxide Derivatives: Syntheses, Structures, and Luminescent Properties. <i>Crystal Growth and Design</i> , 2008, 8, 3566-3576.	3.0	120
1080	A (3,12)-Connected 3D Metal-Organic Framework Based on Nanosized Octanuclear Zinc Clusters. <i>Crystal Growth and Design</i> , 2008, 8, 3490-3492.	3.0	77

#	ARTICLE	IF	CITATIONS
1081	Computational Study on Second-Order Nonlinear Response of a Series of Two-Dimensional Carbazole-Cored Chromophores. <i>Journal of Physical Chemistry C</i> , 2008, 112, 7021-7028.	3.1	29
1082	Reversible Redox-Switchable Second-Order Optical Nonlinearity in Polyoxometalate: A Quantum Chemical Study of $[PW_{11}O_{39}(ReN)]^{7-}$ ($n = 3-7$). <i>Inorganic Chemistry</i> , 2008, 47, 5245-5252.	4.0	47
1083	A novel (4,8)-connected 3D polyoxometalate-based metal-organic framework containing an in situ ligand. <i>CrystEngComm</i> , 2008, 10, 1129.	2.6	43
1084	Theoretical Characterization of a Typical Hole/Exciton-Blocking Material Bathocuproine and Its Analogues. <i>Journal of Physical Chemistry A</i> , 2008, 112, 9097-9103.	2.5	53
1085	Theoretical Study on the Considerable Second-Order Nonlinear Optical Properties of Naphthylimido-Substituted Hexamolybdates. <i>Journal of Physical Chemistry A</i> , 2008, 112, 9919-9923.	2.5	45
1086	Versatile frameworks constructed from divalent metals and 1,2,3,4-butanetetracarboxylate anion: syntheses, crystal structures, luminescence and magnetic properties. <i>CrystEngComm</i> , 2008, 10, 894.	2.6	78
1087	Structures and Luminescent Properties of a Series of Zinc(II) and Cadmium(II) 4,4'-Oxydipthalate Coordination Polymers with Various Ligands Based on Bis(pyridyl imidazole) under Hydrothermal Conditions. <i>Crystal Growth and Design</i> , 2008, 8, 1610-1616.	3.0	108
1088	Theoretical Study on the Relationship between Spin Multiplicity Effects and Nonlinear Optical Properties of the Pyrrole Radical ($C_4H_4N\dot{A}$). <i>Journal of Physical Chemistry A</i> , 2008, 112, 83-88.	2.5	32
1089	THEORETICAL STUDY ON ENDOHEDRAL COMPLEXES $C_2H_2 @ C_{60}$, $C_2H_4 @ C_{60}$, AND $C_2H_6 @ C_{60}$. <i>Journal of Theoretical and Computational Chemistry</i> , 2008, 07, 1-11.	1.8	8
1090	THEORETICAL STUDIES ON THE FORMATION MECHANISM AND STRUCTURE OF PENTAFULVENONE AND AZAFULVENONE. <i>Journal of Theoretical and Computational Chemistry</i> , 2008, 07, 233-246.	1.8	1
1091	Synthesis and characterization of a new trifunctional magnetic-photoluminescent-oxygen-sensing nanomaterial. <i>Nanotechnology</i> , 2008, 19, 495709.	2.6	13
1092	Theoretical study on the mechanism for the reaction of pentafulvenone with HNC in singlet and triplet states, interconversions and solvation effect. <i>Molecular Physics</i> , 2008, 106, 1767-1776.	1.7	0
1093	Generalized Fabrication of Surfactant-Stabilized Anisotropic Metal Nanoparticles to Amino-Functionalized Surfaces: Application to Surface-Enhanced Raman Spectroscopy. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 5887-5895.	0.9	7
1094	Tetraaquabis(2-oxo-1,2-dihydroquinoline-4-carboxylato- λ^4 O ₄)nickel(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m389-m390.	0.2	0
1095	Theoretical investigation of electronic structures and excitation energies of doubly N-confused porphyrin and its group 11 transition metal (III) complexes. <i>Journal of Chemical Physics</i> , 2007, 126, 245106.	3.0	11
1096	Chiral Polyoxometalate-Induced Enantiomerically 3D Architectures: A New Route for Synthesis of High-Dimensional Chiral Compounds. <i>Journal of the American Chemical Society</i> , 2007, 129, 10066-10067.	13.7	176
1097	Controllable colours and shapes of silver nanostructures based on pH: application to surface-enhanced Raman scattering. <i>Nanotechnology</i> , 2007, 18, 325602.	2.6	71
1098	Assembly of Multitrack Cu^I-N Coordination Polymeric Chain-Modified Polyoxometalates Influenced by Polyoxoanion Cluster and Ligand. <i>Crystal Growth and Design</i> , 2007, 7, 2535-2541.	3.0	111

#	ARTICLE	IF	CITATIONS
1099	An unusual polyoxometalate-encapsulating 3D polyrotaxane framework formed by molecular squares threading on a twofold interpenetrated diamondoid skeleton. <i>Chemical Communications</i> , 2007, , 4245.	4.1	148
1100	A new molybdenum-oxide-based organic-inorganic hybrid framework templated by double-Keggin anions. <i>Chemical Communications</i> , 2007, , 2593-2595.	4.1	85
1101	Syntheses and Structures of Organic-Inorganic Hybrid Compounds Based on Metal-Fluconazole Coordination Polymers and the $\text{I}^{2-}\text{Mo}_8\text{O}_{26}$ Anion. <i>Inorganic Chemistry</i> , 2007, 46, 8283-8290.	4.0	99
1102	Preparation and Formation Mechanism of Different $\pm\text{-Fe}_2\text{O}_3$ Morphologies from Snowflake to Paired Microplates, Dumbbell, and Spindle Microstructures. <i>Journal of Physical Chemistry C</i> , 2007, 111, 9049-9054.	3.1	70
1103	Improving the accuracy of density-functional theory calculation: The genetic algorithm and neural network approach. <i>Journal of Chemical Physics</i> , 2007, 126, 144101.	3.0	39
1104	Two Multi-Copper-Containing Heteropolyoxotungstates Constructed from the Lacunary Keggin Polyoxoanion and the High-Nuclear Spin Cluster. <i>Inorganic Chemistry</i> , 2007, 46, 8162-8169.	4.0	123
1105	Exceptional Self-Penetrating Networks Containing Unprecedented Quintuple-Stranded Molecular Braid, 9-Fold Meso Helices, and 17-Fold Interwoven Helices. <i>Inorganic Chemistry</i> , 2007, 46, 4158-4166.	4.0	167
1106	An unprecedented (6,8)-connected self-penetrating network based on two distinct zinc clusters. <i>Chemical Communications</i> , 2007, , 4863.	4.1	98
1107	A 3D chiral nanoporous coordination framework consisting of homochiral nanotubes assembled from octuple helices. <i>Chemical Communications</i> , 2007, , 4620.	4.1	59
1108	Building block approach to nanostructures: step-by-step assembly of large lanthanide-containing polytungstoarsenate aggregates. <i>Dalton Transactions</i> , 2007, , 4293.	3.3	101
1109	Structural Study of Silver(I) Sulfonate Complexes with Pyrazine Derivatives. <i>Inorganic Chemistry</i> , 2007, 46, 7299-7311.	4.0	65
1110	Synthesis of an Organotin Oligomer Containing a Heptanuclear Tin Phosphonate Cluster by Debenzylation Reactions: X-ray Crystal Structure of $\{\text{Na}_6(\text{CH}_3\text{OH})_2(\text{H}_2\text{O})\}\text{-}\{[(\text{BzSn})_3(\text{PhPO}_3)_5(\text{I}^{1/4}\text{-O})(\text{CH}_3\text{O})]_2\text{Bz}_2\text{Sn}\}\text{-CH}_3\text{OH}$. <i>Organometallics</i> , 2007, 26, 2125-2128.	2.3	46
1111	Ferromagnetically Coupled Dimer of CuII-Substituted $\text{I}^3\text{-Decatungstosilicate}$. <i>Inorganic Chemistry</i> , 2007, 46, 10041-10043.	4.0	27
1112	Quantum Chemical Study of Structures, Electronic Spectrum, and Nonlinear Optical Properties of Gold-Pentacene Complexes. <i>Organometallics</i> , 2007, 26, 2082-2087.	2.3	38
1113	Syntheses, Characterization, and Luminescent Properties of Three 3D Lead-Organic Frameworks with 1D Channels. <i>Crystal Growth and Design</i> , 2007, 7, 513-520.	3.0	110
1114	Theoretical Study on Photophysical Properties of Phenolpyridyl Boron Complexes. <i>Journal of Physical Chemistry A</i> , 2007, 111, 2739-2744.	2.5	38
1115	Synthesis, Characterization, and Crystal Structures of Double-Cubane-Substituted and Asymmetric Penta-Ni-Substituted Dimeric Polyoxometalates. <i>Crystal Growth and Design</i> , 2007, 7, 1305-1311.	3.0	39
1116	Charge Carrier Transporting, Photoluminescent, and Electroluminescent Properties of Zinc(II)-2-(2-hydroxyphenyl)benzothiazolate Complex. <i>Chemistry of Materials</i> , 2007, 19, 1740-1748.	6.7	67

#	ARTICLE	IF	CITATIONS
1117	Biorecognition-Driven Self-Assembly of Gold Nanorods: A Rapid and Sensitive Approach toward Antibody Sensing. <i>Chemistry of Materials</i> , 2007, 19, 5809-5811.	6.7	114
1118	Syntheses and Characterization of Six Coordination Polymers of Zinc(II) and Cobalt(II) with 1,3,5-Benzenetricarboxylate Anion and Bis(imidazole) Ligands. <i>Inorganic Chemistry</i> , 2007, 46, 3027-3037.	4.0	310
1119	Transesterification of Vegetable Oil to Biodiesel using a Heteropolyacid Solid Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1057-1065.	4.3	164
1120	Electronic structures and chemical bonding in diatomic ScX to ZnX (X = S, Se, Te). <i>Journal of Computational Chemistry</i> , 2007, 28, 703-714.	3.3	39
1121	Electronic structures and chemical bonding in 4d transition metal monohalides. <i>Journal of Computational Chemistry</i> , 2007, 28, 2190-2202.	3.3	33
1122	Keggin POMs Modified by Bonding to Multitrack Cu(bipy) Chains through Linearly Arrayed Terminal and Bridging Oxygen Atoms of the M3O13 Triad. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1268-1274.	2.0	82
1123	Theoretical Study on One- and Two-Photon Absorption Properties of PPV Derivative with Electron-Donor Phenylanthracene as Pendent Group. <i>Chinese Journal of Chemistry</i> , 2007, 25, 465-471.	4.9	2
1124	DFT Studies on second-order nonlinear optical properties of mono (salicylaldiminato) Nickel(II) polyenyl Schiff base metal complexes. <i>Chemical Physics Letters</i> , 2007, 443, 163-168.	2.6	31
1125	ITO electrode modified with chitosan nanofibers loading polyoxometalate by one step self-assembly method and its electrocatalysis. <i>Electrochemistry Communications</i> , 2007, 9, 2224-2228.	4.7	24
1126	ITO electrode modified by self-assembling multilayer film of polyoxometallate on poly(vinyl alcohol) nanofibers and its electrocatalytic behavior. <i>Electrochimica Acta</i> , 2007, 53, 569-574.	5.2	12
1127	Two novel lead-carboxylate complexes based on nicotinic acid N-oxide: Synthesis, crystal structures and luminescent properties. <i>Inorganic Chemistry Communication</i> , 2007, 10, 410-414.	3.9	33
1128	A chiral 3D polymer with right- and left-helices based on 2,2'-biimidazole: Synthesis, crystal structure and fluorescent property. <i>Inorganic Chemistry Communication</i> , 2007, 10, 720-723.	3.9	30
1129	Photoluminescent metal-organic framework with hex topology constructed from infinite rod-shaped secondary building units and single e,e-trans-1,4-cyclohexanedicarboxylic dianion. <i>Inorganica Chimica Acta</i> , 2007, 360, 3108-3112.	2.4	24
1130	A novel large heteropolytungstate constructed from two types of lacunary Keggin anions: K7Na13[(PW11O39)2(PW9O34)2(W2O3)2]·25H2O. <i>Inorganica Chimica Acta</i> , 2007, 360, 3376-3379.	2.4	5
1131	Hierarchical self-assembling of dendritic-linear diblock complex based on hydrogen bonding. <i>Polymer</i> , 2007, 48, 3759-3770.	3.8	15
1132	Design and synthesis of 1,4-bis[4-(1,1-dicyanovinyl)styryl]-2,5-bis(alkoxy)benzenes as red organic electroluminescent PPV analogs. <i>Polymer</i> , 2007, 48, 4028-4033.	3.8	7
1133	Theoretical studies on the electronic structure and spectral properties of versatile diarylethene-containing 1,10-phenanthroline ligands and their rhenium(I) complexes. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 5368-5374.	1.8	25
1134	catena-Poly[[diaquabis(2-methoxymethyl-1H-benzimidazole- η^3)cadmium(II)]- $\frac{1}{4}$ -terephthalato- η^2 O:O]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m292-m293.	0.2	0

#	ARTICLE	IF	CITATIONS
1135	Bis[2,2'-(butane-1,4-diyl)bis(1H-benzimidazolium)] [±] -octamolybdate(VI). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m584-m586.	0.2	2
1136	A tetranuclear copper(II) complex constructed from the salen ligand with alkoxy groups. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m2932-m2932.	0.2	0
1137	Bis{4,4'-(2,2'-bi-1H-imidazole-1,1'-diyl)dimethylene}dipyridinium [±] -octamolybdate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m2817-m2817.	0.2	1
1138	Electronic structures and spectra of porphyrin with fused benzoheterocycles: DFT and TDDFT-PCM investigations. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 1614-1623.	2.0	11
1139	Synthesis and characterization of three Cu(II), Zn(II), Cd(II) supramolecular complexes bridged by biphenyl 2,2'-dicarboxylate. <i>Solid State Sciences</i> , 2007, 9, 1006-1011.	3.2	3
1140	Mixed-Valence Iron(II, III) Trimesates with Open Frameworks Modulated by Solvents. <i>Inorganic Chemistry</i> , 2007, 46, 7782-7788.	4.0	113
1141	Electronic structures of 4d transition metal monoxides by density functional theory. <i>Theoretical Chemistry Accounts</i> , 2007, 117, 407-415.	1.4	40
1142	Density Functional Studies of Diatomic LaO to LuO. <i>Journal of Cluster Science</i> , 2007, 18, 444-458.	3.3	42
1143	Structure and second-order NLO property of the molecules bridged through n-vertex bis-substituted carborane (n=5, 6, 7). <i>Science Bulletin</i> , 2007, 52, 2326-2330.	1.7	7
1144	Studies on the interactions of Ti-containing polyoxometalates (POMs) with SARS-CoV 3CLpro by molecular modeling. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 89-94.	3.5	30
1145	Prediction of Second-Order Optical Nonlinearity of Trisorganotin-Substituted β^2 -Keggin Polyoxotungstate. <i>Inorganic Chemistry</i> , 2006, 45, 7864-7868.	4.0	44
1146	Two-Dimensional Lanthanide Heteropolyvanadates of Manganese(IV) and Nickel(IV) Containing Two Types of Heteropoly Anions with 1:13 and 1:12 Stoichiometry. <i>Inorganic Chemistry</i> , 2006, 45, 8036-8040.	4.0	38
1147	One-step™ controllable synthesis of Ag and Ag ₂ S nanocrystals on a large scale. <i>Nanotechnology</i> , 2006, 17, 5681-5685.	2.6	14
1148	Novel butterfly pyrene-based organic semiconductors for field effect transistors. <i>Chemical Communications</i> , 2006, , 755.	4.1	86
1149	Synthesis and self-assembly of silica-coated anisotropic gold nanoparticle films. <i>Nanotechnology</i> , 2006, 17, 1819-1824.	2.6	14
1150	Theoretical Study on Photophysical and Charge Transport Properties of 1,6-Bis(2-hydroxyphenyl)pyridylboron Bis(4-n-butylphenyl)phenyleneamine Compound. <i>Journal of Physical Chemistry A</i> , 2006, 110, 8758-8762.	2.5	41
1151	Intercalation and Photophysical Properties of the Tetra-(8-hydroxyquinolino) Boron Complex and 3,3',4,4'-Benzophenone Tetracarboxylic Anion into Mg ²⁺ /Al Layered Double Hydroxides. <i>Inorganic Chemistry</i> , 2006, 45, 4364-4371.	4.0	38
1152	A Series of New Organotin [±] Cyanometalate Compounds Based on Triorganotin, Diorganotin, and Organooxotin Clusters. <i>Organometallics</i> , 2006, 25, 5996-6006.	2.3	12

#	ARTICLE	IF	CITATIONS
1153	Theoretical Study on the Electronic Spectrum and the Origin of Remarkably Large Third-Order Nonlinear Optical Properties of Organoimide Derivatives of Hexamolybdates. <i>Journal of Physical Chemistry B</i> , 2006, 110, 23092-23098.	2.6	84
1154	Theoretical studies on one- and two-photon absorption properties of rubrene and its derivatives. <i>Synthetic Metals</i> , 2006, 156, 1218-1224.	3.9	7
1155	A one-dimensional nickel(II) coordination polymer with pyridine and isophthalate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m322-m324.	0.2	0
1156	$\frac{1}{4}$ -1,4-Bis[2-(2-pyridyl)imidazol-1-yl]butane}bis[dichlorocopper(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m2586-m2587.	0.2	6
1157	Bis[2-(2-oxidophenyl)-1H-benzimidazole- λ^2 N3,O]zinc(II) dimethylformamide disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m2361-m2362.	0.2	5
1158	cis-Dichlorobis[2-(2-pyridyl)-1H-imidazole- λ^2 N3]zinc(II) hemihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m3479-m3480.	0.2	6
1159	Effect of water on zinc (II), cadmium (II) complexes with pyridylimidazole: Theoretical study of stability and electronic spectrum. <i>International Journal of Quantum Chemistry</i> , 2006, 106, 490-500.	2.0	6
1160	Density functional study of protonation sites of λ^2 -Keggin isopolyanions. <i>International Journal of Quantum Chemistry</i> , 2006, 106, 1860-1864.	2.0	24
1161	Anion-directed assembly of two novel cadmium(II) complexes constructed by 2,2'-bis(1,4-butanediyl)bis(1H-benzimidazole) ligand. <i>Inorganic Chemistry Communication</i> , 2006, 9, 1207-1211.	3.9	26
1162	Polyoxotungstates containing uranyl group: Germanotungstates with Keggin sandwich structure. <i>Inorganic Chemistry Communication</i> , 2006, 9, 1331-1334.	3.9	25
1163	Theoretical study on C32 fullerenes and derivatives. <i>Chemical Physics Letters</i> , 2006, 428, 148-151.	2.6	16
1164	DFT study on second-order nonlinear optical properties of a series of mono Schiff-base M(II) (M=Ni, Cu, Zn, Cd, Hg). <i>Journal of Molecular Structure</i> , 2006, 785, 170-175.	2.6	41
1165	Synthesis, structure and characterization of a new cobalt-containing germanotungstate with open Wells-Dawson structure: $K_{13}\{Co(H_2O)\}(\frac{1}{4}H_2O)2K(Ge_2W_{18}O_{66})$. <i>Journal of Molecular Structure</i> , 2006, 785, 170-175.	3.6	19
1166	Synthesis, structure and luminescent properties of two three-dimensional d10 metal complexes constructed from pyridine-3,4-dicarboxylic acid with new network topologies. <i>Journal of Molecular Structure</i> , 2006, 796, 172-178.	3.6	13
1167	Design and syntheses of blue luminescent zinc(II) and cadmium(II) complexes with bidentate or tridentate pyridyl-imidazole ligands. <i>Polyhedron</i> , 2006, 25, 635-644.	2.2	94
1168	Quantum chemistry studies on the Ru \rightarrow M interactions and the ^{31}P NMR in $[Ru(CO)_3(Ph_2Ppy)_2(MCl_2)]$ (M=Zn, Cd, Hg). <i>Journal of Organometallic Chemistry</i> , 2006, 691, 1927-1933.	1.8	9
1169	Synthesis and characterization of one- to three-dimensional compounds composed of paradodecatungstate-B cluster and transition metals as linkers. <i>Journal of Solid State Chemistry</i> , 2006, 179, 2093-2100.	2.9	36
1170	Theoretical Study on the Second-Order Nonlinear Optical Properties of Asymmetric Spirosilabifluorene Derivatives. <i>Journal of Physical Chemistry A</i> , 2006, 110, 4817-4821.	2.5	58

#	ARTICLE	IF	CITATIONS
1171	Time-dependent density functional theory study on electronic and spectroscopic properties for Ph2Bq and its complexes. <i>Theoretical Chemistry Accounts</i> , 2006, 117, 1-5.	1.4	10
1172	Electronic Structures of 5d Transition Metal Monoxides by Density Functional Theory. <i>Theoretical Chemistry Accounts</i> , 2006, 117, 115-122.	1.4	49
1173	Colorimetric detection of immunoglobulin G by use of functionalized gold nanoparticles on polyethylenimine film. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 1518-1524.	3.7	18
1174	Facile method to detect oligonucleotides with functionalized polydiacetylene vesicles. <i>Sensors and Actuators B: Chemical</i> , 2006, 113, 510-515.	7.8	30
1175	Heterogeneous hydroxylation catalyzed by multi-walled carbon nanotubes at low temperature. <i>Applied Catalysis A: General</i> , 2006, 299, 212-217.	4.3	61
1176	Controlled cutting carbon nanotube with polyoxometalates assisted renewable method. <i>Materials Letters</i> , 2006, 60, 2266-2269.	2.6	8
1177	Metal Nuclearity Modulated Four-, Six-, and Eight-Connected Entangled Frameworks Based on Mono-, Bi-, and Trimetallic Cores as Nodes. <i>Chemistry - A European Journal</i> , 2006, 12, 2680-2691.	3.3	479
1178	A Bridge between Pillared-Layer and Helical Structures: A Series of Three-Dimensional Pillared Coordination Polymers with Multiform Helical Chains. <i>Chemistry - A European Journal</i> , 2006, 12, 6528-6541.	3.3	230
1179	Chiral 3D Architectures with Helical Channels Constructed from Polyoxometalate Clusters and Copper-Amino Acid Complexes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 904-908.	13.8	564
1180	Self-Assembly of Nanometer-Scale [Cu ₂₄ I ₁₀ L ₁₂] ¹⁴⁺ Cages and Ball-Shaped Keggin Clusters into a (4,12)-Connected 3D Framework with Photoluminescent and Electrochemical Properties. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7411-7414.	13.8	375
1181	How Do the Different Defect Structures and Element Substitutions Affect the Nonlinear Optical Properties of Lacunary Keggin Polyoxometalates? A DFT Study. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4179-4183.	2.0	33
1182	A DFT Study on the Electronic and Redox Properties of [PW ₁₁ O ₃₉ (ReN)] ⁿ⁻ (n = 3, 4, 5) and [PW ₁₁ O ₃₉ (OsN)] ²⁻ . <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 5126-5129.	2.0	22
1183	Theoretical Studies on Electronic Spectra and Second-order Nonlinear Optical Properties of Glucosyl Substituted Barbituric Acid Derivatives. <i>Chinese Journal of Chemistry</i> , 2006, 24, 119-123.	4.9	8
1184	Theoretical Studies on Proton Transfer Reactions of 8-Hydroxyquinoline Monomers and Dimers. <i>Chinese Journal of Chemistry</i> , 2006, 24, 724-730.	4.9	2
1185	MP2 theory investigation on the halides of D _{6h} C ₃₆ :C ₃₆ X _n (X=F,Cl,Br; n=2,4,6,12). <i>Journal of Chemical Physics</i> , 2006, 124, 144108.	3.0	13
1186	Improved performance of electrophosphorescent devices based on Re(CO) ₃ Cl-dipyrido[3,2-a:2'-a',3'-a'']phenazine. <i>Applied Physics Letters</i> , 2006, 88, 093507.	3.3	24
1187	Electronic structures and chemical bonding in transition metal monosilicides MSi (M=3d, 4d, 5d) Tj ETQq1 1 0.784314 rgBT /Overlock 11	3.0	71
1188	A facile method to produce highly monodispersed nanospheres of cystine aggregates. <i>Nanotechnology</i> , 2006, 17, 5163-5166.	2.6	11

#	ARTICLE	IF	CITATIONS
1189	Self-assembling structures and thin-film microscopic morphologies of amphiphilic rod-coil block oligomers. <i>Journal of Colloid and Interface Science</i> , 2005, 289, 488-497.	9.4	14
1190	Theoretical studies of ground and excited electronic states of OLED material bis(2-methyl-8-quinolinolato)gallium(iii) chloride. <i>Computational and Theoretical Chemistry</i> , 2005, 722, 161-168.	1.5	5
1191	Calculations of two-photon absorption cross-sections of stibene and bis(styryl) benzene derivatives by means of TDDFT-SOS method. <i>Computational and Theoretical Chemistry</i> , 2005, 726, 61-65.	1.5	18
1192	Theoretical study on geometrical structure and electronic spectrum properties of two stable conformers of boron hydroxyphenylpyridine excimers. <i>Computational and Theoretical Chemistry</i> , 2005, 731, 123-126.	1.5	5
1193	Theoretical interpretation of different nanotube morphologies among Group III (B, Al, Ga) nitrides. <i>Chemical Physics Letters</i> , 2005, 408, 145-149.	2.6	60
1194	Entangled Coordination Networks with Inherent Features of Polycatenation, Polythreading, and Polyknotting. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5824-5827.	13.8	416
1195	Absolute Configuration Determination of a New Chiral Rigid Bisetherketone Macrocyclic Containing Binaphthyl and Thioether Moieties by Vibrational Circular Dichroism. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 1140-1145.	2.2	10
1196	Rationally Designed, Polymeric, Extended Metal-Ciprofloxacin Complexes. <i>Chemistry - A European Journal</i> , 2005, 11, 6673-6686.	3.3	131
1197	Electronic Properties and Stability of Ditungsten Substituted Keggin Polyoxotungstate with Heteroatom Phosphorus by DFT. <i>ChemInform</i> , 2005, 36, no.	0.0	3
1198	A novel cadmium(II) coordination polymer with biphenyl-3,3',4,4'-tetracarboxylic acid and 4,4'-bipyridine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, m469-m471.	0.4	10
1199	Poly[bis(4,4'-bipyridine)(1/3-4,4'-dicarboxybiphenyl-3,3'-dicarboxylato)cobalt(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m2477-m2479.	0.2	7
1200	Structure, stability, and aromaticity of $M_2\text{SubPc}$ ($M=B, Al, \text{ and } Ga$): Computational study. <i>International Journal of Quantum Chemistry</i> , 2005, 103, 54-59.	2.0	20
1201	Luminescent compounds diphenylboron analogs of Alq ₃ and its methyl substituents: A theoretical investigation of their electronic and spectroscopic properties. <i>International Journal of Quantum Chemistry</i> , 2005, 103, 775-780.	2.0	24
1202	Electronic properties of Strandberg anions: A DFT study of $[\text{X}_2\text{Mo}_5\text{O}_{23}]^{n-}$, ($X = \text{P}, \text{S}, \text{As}, \text{Se}$), and $[(\text{R})_2\text{Mo}_5\text{O}_{21}]^{4-}$ ($\text{R} = \text{H}, \text{CH}_3, \text{C}_2\text{H}_5$). <i>International Journal of Quantum Chemistry</i> , 2005, 105, 37-42.	2.0	12
1203	Density Functional Theory Study on the First Hyperpolarizabilities of Organoimido Derivatives of Hexamolybdates. <i>Journal of Physical Chemistry B</i> , 2005, 109, 22332-22336.	2.6	59
1204	Obtaining carbon nanotubes from grass. <i>Nanotechnology</i> , 2005, 16, 1192-1195.	2.6	84
1205	An unprecedented eight-connected self-penetrating network based on pentanuclear zinc cluster building blocks. <i>Chemical Communications</i> , 2005, , 4789.	4.1	207
1206	Three-dimensional mesomeric networks assembled from helix-linked sheets: syntheses, structures, and magnetisms. <i>Dalton Transactions</i> , 2005, , 2609.	3.3	59

#	ARTICLE	IF	CITATIONS
1207	Electronic Properties and Stability of Ditungsten Substituted Keggin Polyoxotungstate with Heteroatom Phosphorus by DFT. <i>Inorganic Chemistry</i> , 2005, 44, 100-107.	4.0	53
1208	A Series of Three-Dimensional Lanthanide Coordination Polymers with Rutile and Unprecedented Rutile-Related Topologies. <i>Inorganic Chemistry</i> , 2005, 44, 7122-7129.	4.0	229
1209	Influence of Neutral Ligands on the Structures of Silver(I) Sulfonates. <i>Inorganic Chemistry</i> , 2005, 44, 9374-9383.	4.0	151
1210	Predication of second-order optical nonlinearity of [(Bu ₂ tIm)AuX] (X=halogen) using time-dependent density-functional theory combined with sum-over-states method. <i>Journal of Chemical Physics</i> , 2005, 123, 134302.	3.0	23
1211	An unprecedented fivefold interpenetrated 1vt network containing the exceptional racemic motifs originated from nine interwoven helices. <i>Chemical Communications</i> , 2005, , 5450.	4.1	148
1212	Controllable Fabrication of Carbon Nanotube and Nanobelt with a Polyoxometalate-Assisted Mild Hydrothermal Process. <i>Journal of the American Chemical Society</i> , 2005, 127, 6534-6535.	13.7	160
1213	A three-dimensional porous metal-organic framework with the rutile topology constructed from triangular and distorted octahedral building blocks. <i>Chemical Communications</i> , 2005, , 2402.	4.1	121
1214	pH-tuned synthesis of gold nanostructures from gold nanorods with different aspect ratios. <i>Nanotechnology</i> , 2005, 16, 2555-2560.	2.6	62
1215	An organic-inorganic hybrid material constructed from a three-dimensional coordination complex cationic framework and entrapped hexadecavanadate clusters. <i>Chemical Communications</i> , 2005, , 5023.	4.1	98
1216	Synthesis, Crystal Structure and Spectroscopic Studies of a Supramolecular Compound [Cu(IDA)(phen)(H ₂ O)]·4H ₂ O Built from π - π Interactions and Hydrogen Bonds. <i>Transition Metal Chemistry</i> , 2004, 29, 471-476.	1.4	9
1217	Electronic structure and molecular orbital study of the first excited state of the high-efficiency blue OLED material bis(2-methyl-8-quinolinolato)aluminum(III) hydroxide complex from ab initio and TD-B3LYP. <i>International Journal of Quantum Chemistry</i> , 2004, 97, 992-1001.	2.0	14
1218	Density functional theory study on isomerization reactions of pyridazine derivatives bearing N,N-dialkylaminoethyl group. <i>International Journal of Quantum Chemistry</i> , 2004, 98, 515-521.	2.0	2
1219	Tetraaqua(2,2'-bipyridine)zinc(II) terephthalate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m142-m144.	0.2	2
1220	A Mixed-Valence Tin-Oxygen Cluster Containing Six Peripheral Ferrocene Units. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2409-2411.	13.8	119
1221	Interlocked and Interdigitated Architectures from Self-Assembly of Long Flexible Ligands and Cadmium Salts. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5036-5040.	13.8	441
1222	A novel strong fluorescent three-dimensional supramolecular coordination polymer based on bridging terephthalate. <i>Inorganic Chemistry Communication</i> , 2004, 7, 260-263.	3.9	33
1223	Improving the Accuracy of Density-Functional Theory Calculation: The Statistical Correction Approach. <i>Journal of Physical Chemistry A</i> , 2004, 108, 8514-8525.	2.5	48
1224	Why Does Disubstituted Hexamolybdate with Arylimido Prefer to Form an Orthogonal Derivative? Analysis of Stability, Bonding Character, and Electronic Properties on Molybdate Derivatives by Density Functional Theory (DFT) Study. <i>Journal of Physical Chemistry B</i> , 2004, 108, 17337-17343.	2.6	38

#	ARTICLE	IF	CITATIONS
1225	Syntheses and Structure of a Novel Layered Lanthanide-Zinc Coordination Polymer: [LaZn(HIDA)(IDA) ₂ ·0.5H ₂ O] _n . Chemistry Letters, 2004, 33, 446-447.	1.3	10
1226	Mechanism and Kinetics for the Reaction of NCS and OH Radicals. Chinese Journal of Chemistry, 2004, 22, 590-593.	4.9	0
1227	Density functional study on the mechanism of collision reaction among protons, N ₂ and water vapor. Chinese Journal of Chemistry, 2004, 22, 594-598.	4.9	0
1228	Quantum chemical study on the reaction mechanism of OBrO radical with OH radical. Chinese Journal of Chemistry, 2004, 22, 611-615.	4.9	2
1229	Photoelectric properties of material of N,N'-bis(4-aminophenyl)-1,4-quinonenediimine doped with heteropolyacid. Synthetic Metals, 2002, 129, 15-18.	3.9	11
1230	Ab initio and DFT study on [Si(O ₂ Ph) _n] _m [±] (n=1-3, m=0,±2). Computational and Theoretical Chemistry, 2002, 578, 159-167.	1.5	0
1231	Quantum chemical study on ferromagnetic property on the N,N-dimethylaniline dimer radical cation. International Journal of Quantum Chemistry, 2002, 89, 484-488.	2.0	0
1232	Study on the electronic structure of phenylene vinylene dimers with different substituents. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2001, 85, 165-168.	3.5	15
1233	Anisotropic conductivity of undoped and [FeCl ₄] ⁻ -doped trans-polyacetylene. Computational and Theoretical Chemistry, 2001, 540, 1-4.	1.5	1
1234	The effect of conformational dependent properties of radical cations on poly(N,N-dimethylaniline). Macromolecular Chemistry and Physics, 2000, 201, 1774-1779.	2.2	2
1235	Theoretical studies on the one- and two-photon absorption of symmetrical stilbene derivatives. Computational and Theoretical Chemistry, 2000, 531, 169-174.	1.5	12
1236	Electrical anisotropy of oriented trans-polyacetylene undoped and doped with SO ₃ . Science Bulletin, 2000, 45, 893-896.	1.7	0
1237	Electronic property and molecule design for luminescent metal complexes of tris(8-hydroxyquinoline) gallium. Science in China Series B: Chemistry, 2000, 43, 657-669.	0.8	8
1238	Ground-state reduced density matrices, effective Hamiltonians, and optical properties of Schiff bases of retinal. Chemical Physics, 1999, 247, 185-192.	1.9	4
1239	Electronic Properties Of The Model Organometallic Polymer [M-C=C(N)] _n (M = Cu(I), Ag(I), Au(I)). Materials Research Society Symposia Proceedings, 1999, 576, 389.	0.1	0
1240	Tuning the Excited-State Properties of Luminescent Rhenium(V) Benzylidyne Complexes Containing Phosphorus and Nitrogen Donor Ligands. Organometallics, 1998, 17, 1946-1955.	2.3	29
1241	Spectroscopic and Excited-State Properties of Luminescent Rhenium(I) N-Heterocyclic Carbene Complexes Containing Aromatic Diimine Ligands. Organometallics, 1998, 17, 1622-1630.	2.3	93
1242	Effective Hamiltonians of polymethineimine, polyazine and polyazoethene: A density matrix variation approach. Journal of Chemical Physics, 1998, 109, 2565-2571.	3.0	9

#	ARTICLE	IF	CITATIONS
1243	Radical Mechanism of Ir III /Ni II -Metallaphotoredox-Catalyzed C(sp ³)-H Functionalization Triggered by Proton-Coupled Electron Transfer: Theoretical Insight. <i>CCS Chemistry</i> , 0, , 1456-1467.	7.8	11
1244	A low-dimensional N-rich coordination polymer as an effective fluorescence sensor for 2,4,6-trinitrophenol detection in an aqueous medium. <i>New Journal of Chemistry</i> , 0, , .	2.8	1
1245	Synthesis and multifunctional sensing ability of axially chiral tetranuclear europium clusters. <i>CrystEngComm</i> , 0, , .	2.6	0
1246	Ir ^{III} /Ni ^{II} -Metallaphotoredox-Catalyzed Enantioselective Decarboxylative Arylation of α -Amino Acids: Theoretical Insight of Enantio-Determining Outer-Sphere Reductive Elimination. <i>Inorganic Chemistry</i> , 0, , .	4.0	3
1247	Facile construction of a highly proton-conductive matrix-mixed membrane based on a α -SO ₃ H functionalized polyamide. <i>Soft Matter</i> , 0, , .	2.7	1