Zhan Shi

List of Publications by Year
in descending order

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311 papers	13,824 citations	20817 60 h-index	31849 101 g-index
315 all docs	315 docs citations	315 times ranked	15701 citing authors

#	Article	IF	Citations
1	Hepcidinâ€Based Nanocomposites for Enhanced Cancer Immunotherapy by Modulating Iron Exportâ€Mediated N6â€Methyladenosine RNA Transcript. Advanced Functional Materials, 2022, 32, 2107195.	14.9	16
2	Magnetic properties and electrocatalytic properties of Fe5C2 particles with different morphologies. Journal of Materials Science: Materials in Electronics, 2022, 33, 884-893.	2.2	3
3	Defect-engineered Mn3O4/CNTs composites enhancing reaction kinetics for zinc-ions storage performance. Journal of Energy Chemistry, 2022, 68, 538-547.	12.9	15
4	Stable isomeric layered indium coordination polymers for high proton conduction. CrystEngComm, 2022, 24, 294-299.	2.6	2
5	Construction of crystalline cadmium complex based on 1,4,5,8â€naphthalene diimide derivative and photocatalytic degradation about organic dyes. Applied Organometallic Chemistry, 2022, 36, .	3.5	6
6	Glutathioneâ€Bioimprinted Nanoparticles Targeting of N6â€methyladenosine FTO Demethylase as a Strategy against Leukemic Stem Cells. Small, 2022, 18, e2106558.	10.0	45
7	Construction of Large-Scale Conjugated Functionalized Cyclotriphosphazene Lanthanide Framework for Selective Sensing of Volatile Organic Compounds and Assembly of Color-Tunable Dye-Encapsulated Composites. Inorganic Chemistry, 2022, 61, 3111-3120.	4.0	7
8	Confined Pyrolysis Synthesis of Well-dispersed Cobalt Copper Bimetallic Three-dimensional N-Doped Carbon Framework as Efficient Water Splitting Electrocatalyst. Chemical Research in Chinese Universities, 2022, 38, 750-757.	2.6	13
9	Highâ€Performance Aqueous Zincâ€Ion Battery Based on an Al_{0.35}Mn_{2.52}O₄ Cathode: A Design Strategy from Defect Engineering and Atomic Composition Tuning. Small, 2022, 18, e2105970.	10.0	13
10	High thermoelectric properties with low thermal conductivity due to the porous structure induced by the dendritic branching in n-type PbS. Nano Research, 2022, 15, 4739-4746.	10.4	8
11	Poly(Anthraquinonyl Sulfide)/CNT Composites as Highâ€Rateâ€Performance Cathodes for Nonaqueous Rechargeable Calciumâ€Ion Batteries. Advanced Science, 2022, 9, e2200397.	11.2	13
12	Construction and Properties of Ag-I Polymeric Clusters Attach with Nitrogen Heterocyclic Transition Metal Moiety. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 1695-1711.	3.7	2
13	A mitochondria-tracing fluorescent probe for real-time detection of mitochondrial dynamics and hypochlorous acid in live cells. Dyes and Pigments, 2022, 201, 110227.	3.7	7
14	Installation of synergistic binding sites onto porous organic polymers for efficient removal of perfluorooctanoic acid. Nature Communications, 2022, 13, 2132.	12.8	49
15	Mass Production of Pt Single-Atom-Decorated Bismuth Sulfide for n-Type Environmentally Friendly Thermoelectrics. Nano Letters, 2022, 22, 4750-4757.	9.1	20
16	Highly crystalline sulfur and oxygen co-doped g-C₃N₄ nanosheets as an advanced photocatalyst for efficient hydrogen generation. Catalysis Science and Technology, 2022, 12, 5136-5142.	4.1	8
17	Three-pole wheel paddle luminescent metal organic frameworks (LMOFs) based on the oxygen substituted triazine tricarboxylic acid ligand: recognition and detection of small drug molecules and aromatic amine molecules. Dalton Transactions, 2022, 51, 9336-9347.	3.3	6
18	Ultrafine Sb nanoparticles in situ confined in covalent organic frameworks for high-performance sodium-ion battery anodes. Journal of Materials Chemistry A, 2022, 10, 15089-15100.	10.3	19

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19	Visible-Light-Responsive UiO-66(Zr) with Defects Efficiently Promoting Photocatalytic CO₂ Reduction. ACS Applied Materials & Interfaces, 2022, 14, 28977-28984.	8.0	33
20	Quantitative Evaluation of Carrier Dynamics in Full-Spectrum Responsive Metallic ZnIn₂S₄ with Indium Vacancies for Boosting Photocatalytic CO₂ Reduction. Nano Letters, 2022, 22, 4970-4978.	9.1	54
21	Origin of the Photocatalytic Activity of Crystalline Phase Structures. ACS Applied Energy Materials, 2022, 5, 8923-8929.	5.1	2
22	An electrochemical modification strategy to fabricate NiFeCuPt polymetallic carbon matrices on nickel foam as stable electrocatalysts for water splitting. Chemical Science, 2022, 13, 8876-8884.	7.4	8
23	Double perovskite Cs₂NaInCl₆ nanocrystals with intense dual-emission via self-trapped exciton-to-Tb³⁺ dopant energy transfer. Journal of Materials Chemistry C, 2022, 10, 10609-10615.	5.5	32
24	Systematic Study on the Luminescent Properties, Thermal Stability, and Magnetic Behavior of GdOF: RE³⁺ (RE = Eu, Yb, and Er) Red Phosphors with Various Morphologies. Inorganic Chemistry, 2022, 61, 10642-10651.	4.0	3
25	The photoluminescence, thermal properties and tunable color of bright green-emitting Ba3Sc(BO3)3:Ce3+/Tb3+ phosphors via efficient energy transfer. Journal of Alloys and Compounds, 2021, 859, 157766.	5.5	24
26	Synthesis of a microporous poly-benzimidazole as high performance anode materials for lithium-ion batteries. Chemical Engineering Journal, 2021, 405, 126621.	12.7	8
27	Critical Aspects of Metalâ€“Organic Frameworkâ€Based Materials for Solarâ€Driven CO 2 Reduction into Valuable Fuels. Global Challenges, 2021, 5, 2000082.	3.6	9
28	A cage-based covalent organic framework for drug delivery. New Journal of Chemistry, 2021, 45, 3343-3348.	2.8	31
29	Multicolor tunable emission and energy transfer in AlN:Tb3+,Eu3+ phosphors. Journal of Materials Science: Materials in Electronics, 2021, 32, 210-218.	2.2	5
30	Porous organic polymer enriched in Re functional units and Lewis base sites for efficient CO₂ photoreduction. Catalysis Science and Technology, 2021, 11, 7300-7306.	4.1	6
31	A smart sensing triazine hexacarboxylic metalâ€“organic skeleton material: synthesis, structure and multifunctional fluorescence detector. Journal of Materials Chemistry C, 2021, 9, 3193-3203.	5.5	20
32	Achieving Multifunctional Detection of Th⁴⁺ and UO₂²⁺ in the Postâ€Synthetically Modified Metalâ€“Organic Framework and Application of Functional MOF Membrane. Advanced Materials Technologies, 2021, 6, 2001184.	5.8	10
33	Highly Active Heterogeneous Catalyst for Ethylene Dimerization Prepared by Selectively Doping Ni on the Surface of a Zeolitic Imidazolate Framework. Journal of the American Chemical Society, 2021, 143, 7144-7153.	13.7	42
34	Luminescence and Energy Transfer of Color-Tunable Y₂Mg₂Al₂Si₂O₁₂:Eu²⁺,Ce³⁺ Phosphors. Inorganic Chemistry, 2021, 60, 5908-5916.	4.6	33
35	Defect engineering of photocatalysts for solar-driven conversion of CO2 into valuable fuels. Materials Today, 2021, 50, 358-384.	14.2	66
36	Tumor-Associated-Macrophage-Membrane-Coated Nanoparticles for Improved Photodynamic Immunotherapy. Nano Letters, 2021, 21, 5522-5531.	9.1	106

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37	Hard magnetic cobalt nanomaterials as an electrocatalyst for oxygen evolution reaction. Journal of Materials Science: Materials in Electronics, 2021, 32, 17490-17499.	2.2	1
38	Li⁺ Ion Induced Full Visible Emission in Single Eu²⁺â€Doped White Emitting Phosphor: Eu²⁺ Site Preference Analysis, Luminescence Properties, and WLED Applications. Advanced Optical Materials, 2021, 9, 2100337.	7.3	45
39	Phase and morphology evolution of NaGdF4:Yb,Er nanocrystals with power density-dependent upconversion fluorescence via one-step microwave-assisted solvothermal method. Journal of Luminescence, 2021, 239, 118283.	3.1	1
40	Ionic liquid/H₂O two-phase synthesis and luminescence properties of BaGdF₅:RE³⁺ (RE = Ce/Dy/Eu/Yb/Er) octahedra. New Journal of Chemistry, 2021, 45, 742-750.	2.8	6
41	Multifunctional luminescence sensing and white light adjustment of lanthanide metalâ€“organic frameworks constructed from the flexible cyclotriphosphazene-derived hexacarboxylic acid ligand. Dalton Transactions, 2021, 50, 14618-14628.	3.3	17
42	A three-dimensional supramolecular network structure through hydrogen bonding and Ï€â€“Ï€ interaction: synthesis, structure, and the fluorescence detection of balsalazide disodium. CrystEngComm, 2021, 23, 4840-4847.	2.6	5
43	Copper nanocluster composites for analytical (bio)-sensing and imaging: a review. Mikrochimica Acta, 2021, 188, 384.	5.0	23
44	Multivariate Synergistic Flexible Metalâ€Organic Frameworks with Superproton Conductivity for Direct Methanol Fuel Cells. Angewandte Chemie, 2021, 133, 26781-26785.	2.0	4
45	Multivariate Synergistic Flexible Metalâ€Organic Frameworks with Superproton Conductivity for Direct Methanol Fuel Cells. Angewandte Chemie - International Edition, 2021, 60, 26577-26581.	13.8	34
46	Gold Nanorods Exhibit Intrinsic Therapeutic Activity via Controlling N6-Methyladenosine-Based Epitranscriptomics in Acute Myeloid Leukemia. ACS Nano, 2021, 15, 17689-17704.	14.6	36
47	Manganese Cyclotriphosphazene Multicarboxylate Frameworks and Composite Encapsulated 1,3,6,8-Tetrakis(p-benzoic acid) Pyrene as Visualization of Highly Selective Fluorescence Sensors for Aromatic Compounds with NH₂/NO₂ Group. Crystal Growth and Design, 2021, 21, 6824-6839.	3.0	8
48	The photoluminescence properties and latent photocatalytic hydrogen evolution application of AlN:Eu3+. Journal of Alloys and Compounds, 2020, 817, 152759.	5.5	17
49	Stimuliâ€Responsive Luminescent Properties of Tetraphenyletheneâ€Based Strontium and Cobalt Metalâ€“Organic Frameworks. Angewandte Chemie, 2020, 132, 19884-19889.	2.0	8
50	Photoluminescence and Color-Tunable Properties of Na₄Ca₄Mg₂₁(PO₄)₁₈:Eu²⁺,Tb³⁺,Mn<sup> Phosphors for Applications in White LEDs. Inorganic Chemistry, 2020, 59, 14193-14206.	4.8	24
51	Bismuth-MOF based on tetraphenylethylene derivative as a luminescent sensor with turn-off/on for application of Fe3+ detection in serum and bioimaging, as well as emissive spectra analysis by TRES. Sensors and Actuators B: Chemical, 2020, 325, 128767.	7.8	55
52	Mitochondria-Immobilized Unimolecular Fluorescent Probe for Multiplexing Imaging of Living Cancer Cells. Analytical Chemistry, 2020, 92, 11103-11110.	6.5	23
53	Bortezomib-Encapsulated CuS/Carbon Dot Nanocomposites for Enhanced Photothermal Therapy via Stabilization of Polyubiquitinated Substrates in the Proteasomal Degradation Pathway. ACS Nano, 2020, 14, 10688-10703.	14.6	88
54	Natural Melanin/Polyurethane Composites as Highly Efficient Near-Infrared-Photoresponsive Shape Memory Implants. ACS Biomaterials Science and Engineering, 2020, 6, 5305-5314.	5.2	17

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55	Crystal structure, luminescence properties and application performance of color tuning Y₂Mg₂Al₂Si₂O₁₂:Ce³⁺,Mn²⁺ phosphors for warm white light-emitting diodes. Materials Advances, 2020, 1, 2261-2270.	5.4	19
56	Stimuliâ€Responsive Luminescent Properties of Tetraphenyletheneâ€Based Strontium and Cobalt Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2020, 59, 19716-19721.	13.8	70
57	A single-phase full-visible-spectrum phosphor for white light-emitting diodes with ultra-high color rendering. Dalton Transactions, 2020, 49, 17796-17805.	3.3	11
58	Selfâ€Assembly of Perovskite CsPbBr 3 Quantum Dots Driven by a Photoâ€Induced Alkynyl Homocoupling Reaction. Angewandte Chemie, 2020, 132, 17360-17366.	2.0	11
59	Selfâ€Assembly of Perovskite CsPbBr₃ Quantum Dots Driven by a Photoâ€Induced Alkynyl Homocoupling Reaction. Angewandte Chemie - International Edition, 2020, 59, 17207-17213.	13.8	19
60	Synthesis of ZnS/CoS/CoS2@N-doped carbon nanoparticles derived from metal-organic frameworks via spray pyrolysis as anode for lithium-ion battery. Journal of Alloys and Compounds, 2020, 831, 154607.	5.5	32
61	Ca(Mg_{0.8}Al_{0.2})(Si_{1.8}Al_{0.2})O₆:Ce³⁺,Tb³⁺ Phosphors: Structure Control, Density-Functional Theory Calculation, and Luminescence Property for pc-wLED Application. Inorganic Chemistry, 2020, 59, 4790-4799.	4.0	31
62	Engineering Colloidal Lithography and Nanoskiving to Fabricate Rows of Opposing Crescent Nanogaps. Advanced Optical Materials, 2020, 8, 2000006.	7.3	9
63	Study on the Local Structure and Luminescence Properties of a Y₂Mg₂Al₂Si₂O₁₂:Eu³⁺ Red Phosphor for White-Light-Emitting Diodes. Inorganic Chemistry, 2020, 59, 9927-9937.	4.0	55
64	Methanol-to-Olefin Conversion over Small-Pore DDR Zeolites: Tuning the Propylene Selectivity via the Olefin-Based Catalytic Cycle. ACS Catalysis, 2020, 10, 3009-3017.	11.2	12
65	Selective Acetylene Adsorption within an Imino-Functionalized Nanocage-Based Metalâ€“Organic Framework. ACS Applied Materials & Interfaces, 2020, 12, 5999-6006.	8.0	33
66	A stable nanoscaled Zr-MOF for the detection of toxic mycotoxin through a pH-modulated ratiometric luminescent switch. Chemical Communications, 2020, 56, 5389-5392.	4.1	49
67	One-Pot Synthesis of High-Quality AgGaS₂/ZnS-based Photoluminescent Nanocrystals with Widely Tunable Band Gap. Inorganic Chemistry, 2020, 59, 5975-5982.	4.0	21
68	Two d¹⁰ luminescent metalâ€“organic frameworks as dual functional luminescent sensors for (Fe³⁺,Cu²⁺) and 2,4,6-trinitrophenol (TNP) with high selectivity and sensitivity. RSC Advances, 2020, 10, 4817-4824.	3.6	13
69	Synthesis of a 2D nitrogen-rich Ï€-conjugated microporous polymer for high performance lithium-ion batteries. Chemical Communications, 2019, 55, 9491-9494.	4.1	40
70	Synthesis, Structure, and Magnetic Properties of Bâ€Doped Fe 3 N@C Magnetic Nanomaterial as Catalyst for the Hydrogen Evolution Reaction. Physica Status Solidi (B): Basic Research, 2019, 256, 1900111.	1.5	5
71	Delicately designed Sn-based electrode material via spray pyrolysis for high performance lithium-ion battery. Electrochimica Acta, 2019, 318, 542-550.	5.2	16
72	Hydrothermal synthesis, characterization and properties of a d¹⁰ metal coordination polymer with a layered structure based on carboxyphosphinate ligand, 4,4^{â€²}-bipyridine and four-coordinated zinc ion. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 1126-1133.	1.6	3

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73	A promising single-phase, color-tunable phosphor (Ba0.9Sr0.1)9Lu2Si6O24: Eu2+, Mn2+ for near-ultraviolet white-light-emitting diodes. Journal of Luminescence, 2019, 214, 116585.	3.1	11
74	Synthesis, Structure and Properties Comparison of Fe₃N Doped with Ni, Mn and Co. ChemistrySelect, 2019, 4, 5945-5949.	1.5	2
75	3D Hierarchical ZnIn₂S₄ Nanosheets with Rich Zn Vacancies Boosting Photocatalytic CO₂ Reduction. Advanced Functional Materials, 2019, 29, 1905153.	14.9	308
76	CeO₂â€Encapsulated Hollow Agâ€“Au Nanocage Hybrid Nanostructures as Highâ€Performance Catalysts for Cascade Reactions. Small, 2019, 15, e1903182.	10.0	33
77	Integrated â€œHot Spotsâ€• Tunable Subâ€10 nm Crescent Nanogap Arrays. Advanced Optical Materials, 2019, 7, 1901337.	7.3	18
78	Luminescent covalent organic framework as a recyclable turn-off fluorescent sensor for cations and anions in aqueous solution. Journal of Materials Chemistry C, 2019, 7, 11919-11925.	5.5	35
79	Conjugated Microporous Polymers as Heterogeneous Photocatalysts for Efficient Degradation of a Mustard-Gas Simulant. ACS Applied Materials & Interfaces, 2019, 11, 37578-37585.	8.0	49
80	The synthesis, morphology and magnetic properties of (Fe1â^'xMnx)3N nanoparticles. Journal of Materials Science: Materials in Electronics, 2019, 30, 277-283.	2.2	3
81	3D zig-zag nanogaps based on nanoskiving for plasmonic nanofocusing. Nanoscale, 2019, 11, 3583-3590.	5.6	11
82	Polyoxometalate@MIL-101/MoS2: a composite material based on the MIL-101 platform with enhanced performances. New Journal of Chemistry, 2019, 43, 3432-3438.	2.8	3
83	Versatile core/shell-like alginate@polyethylenimine composites for efficient removal of multiple heavy metal ions (Pb2+, Cu2+, CrO42-): Batch and fixed-bed studies. Materials Research Bulletin, 2019, 118, 110526.	5.2	31
84	Facile synthesis and multicolor luminescence properties of Gd4O3F6:Ln3+ (Ln = Eu, Tb, Dy, Sm, Ho, Tm,) Tj ETQq0 0 0 rgBT /Overlock 10	3.6	9
85	Color-tunable Eu²⁺,Eu³⁺ co-doped Ca₂₀Al₂₆Mg₃Si₃O₆₈ phosphor for w-LEDs. Journal of Materials Chemistry C, 2019, 7, 6978-6985.	5.5	32
86	Properties and Application of Single Eu²⁺-Activated Color Tuning Phosphors. ACS Sustainable Chemistry and Engineering, 2019, 7, 10724-10733.	6.7	51
87	Synthesis, Crystal Structures, and Magnetic Properties of Three Cobalt(II) Coordination Polymers Constructed from 3,5-Pyridinedicarboxylic Acid or 3,4-Pyridinedicarboxylic Acid Ligands. Crystals, 2019, 9, 166.	2.2	7
88	Soft magnetic Fe5C2â€“Fe3C@C as an electrocatalyst for the hydrogen evolution reaction. Dalton Transactions, 2019, 48, 4636-4642.	3.3	21
89	Microwave Assisted Hydrothermal Way Towards Highly Crystalized N-Doped Carbon Quantum Dots and Their Oxygen Reduction Performance. Chemical Research in Chinese Universities, 2019, 35, 171-178.	2.6	13
90	Highly active and stable copper catalysts derived from copper silicate double-shell nanofibers with strong metalâ€“support interactions for the RWGS reaction. Chemical Communications, 2019, 55, 4178-4181.	4.1	35

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91	Use of Hyperaccumulator to Enrich Metal Ions for Supercapacitor. Advanced Electronic Materials, 2019, 5, 1900094.	5.1	9
92	Sr₂Gd₈(SiO₄)₆O₂:Ce³⁺/Mn²⁺: A Singleâ€Component Whiteâ€Lightâ€Emitting Phosphor for UV Wâ€LEDs. ChemistrySelect, 2019, 4, 3871-3877.	1.5	2
93	Srâ€induced colorâ€tunable and thermal stability enhancing in the phosphor (Ba 1â€x Sr x) 9 Lu 2 Si 6 O 24 :Eu 2+ for solidâ€state lighting. Journal of the American Ceramic Society, 2019, 102, 5284-5294.	3.8	5
94	Half-Encapsulated Au Nanorods@CeO₂ Core@Shell Nanostructures for Near-Infrared Plasmon-Enhanced Catalysis. ACS Applied Nano Materials, 2019, 2, 1516-1524.	5.0	34
95	Synthesis, Morphology and Magnetic Properties of Fe₃C/CNTs Composites by a gâ€C₃N₄ Route. ChemistrySelect, 2019, 4, 13596-13600.	1.5	2
96	A tri-functional metalâ€“organic framework heterogeneous catalyst for efficient conversion of CO₂ under mild and co-catalyst free conditions. Chemical Communications, 2019, 55, 14347-14350.	4.1	43
97	A non-luminescent Eu-MOF-based â€œturn-onâ€•sensor towards an anthrax biomarker through single-crystal to single-crystal phase transition. Chemical Communications, 2019, 55, 14918-14921.	4.1	64
98	Covalent organic framework as an efficient, metal-free, heterogeneous photocatalyst for organic transformations under visible light. Applied Catalysis B: Environmental, 2019, 245, 334-342.	20.2	192
99	A SHG-active manganese coordination polymer with noncentrosymmetric structure based on achiral carboxyphosphinate ligand. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 127-133.	1.6	1
100	Crystal structure of ethyl 2-amino-4-(4-ethoxyphenyl)-5-oxo-4H,5H-pyrano[3,2-c] chromene-3-carboxylate, C₂₃H₂₁NO₆. Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 234, 193-194.	0.3	0
101	Saccharomyces-derived carbon dots for biosensing pH and vitamin B 12. Talanta, 2019, 195, 117-126.	5.5	52
102	Construction of donor-acceptor type conjugated microporous polymers: A fascinating strategy for the development of efficient heterogeneous photocatalysts in organic synthesis. Applied Catalysis B: Environmental, 2019, 244, 36-44.	20.2	100
103	Microwave-assisted synthesis of highly water-soluble LuVO4:Eu nanoparticles as anti-counterfeit fluorescent ink. Journal of Luminescence, 2019, 206, 560-564.	3.1	19
104	Rational Design of Feâ€“N/C Hybrid for Enhanced Nitrogen Reduction Electrocatalysis under Ambient Conditions in Aqueous Solution. ACS Catalysis, 2019, 9, 336-344.	11.2	278
105	Functional Sensing Materials Based on Lanthanide N-Heterocyclic Polycarboxylate Crystal Frameworks for Detecting Thiamines. Crystal Growth and Design, 2018, 18, 2259-2269.	3.0	11
106	New singleâ€component multicolor emission Na_{1â^'x}Al_{1+2x}Si_{1â^'2x}O4:xBi³⁺/Eu³⁺ phosphors via energy transfer. Journal of the American Ceramic Society, 2018, 101, 2353-2367.	3.8	11
107	Oriented attachment growth of hundred-nanometer-size LaTaON₂ single crystals in molten salts for enhanced photoelectrochemical water splitting. Journal of Materials Chemistry A, 2018, 6, 7706-7713.	10.3	26
108	Multimorphology Mesoporous Silica Nanoparticles for Dye Adsorption and Multicolor Luminescence Applications. ACS Sustainable Chemistry and Engineering, 2018, 6, 3533-3545.	6.7	74

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109	Integration of Open Metal Sites and Lewis Basic Sites for Construction of a Cu MOF with a Rare Chiral O_hâ€type cage for high performance in methane purification. Chemistry - A European Journal, 2018, 24, 13181-13187.	3.3	26
110	Mercaptopropionic Acid-Capped Wurtzite Cu₉Sn₂Se₉ Nanocrystals as High-Performance Anode Materials for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 1810-1818.	8.0	29
111	A pillared-layered copper(<scp>i</scp>) halide-based metalâ€“organic framework exhibiting dual emission, and piezochromic and thermochromic properties with a large temperature-dependent emission red-shift. RSC Advances, 2018, 8, 1973-1978.	3.6	14
112	Facile surfactant- and template-free synthesis and luminescence properties of needle-like calcite CaCO₃:Eu³⁺ phosphors. CrystEngComm, 2018, 20, 496-504.	2.6	14
113	Preparation of phenyl group functionalized g-C3N4 nanosheets with extended electron delocalization for enhanced visible-light photocatalytic activity. New Journal of Chemistry, 2018, 42, 6756-6762.	2.8	19
114	Covalent organic frameworks: efficient, metal-free, heterogeneous organocatalysts for chemical fixation of CO₂ under mild conditions. Journal of Materials Chemistry A, 2018, 6, 374-382.	10.3	238
115	Three 3D metal coordination polymers based on triazol-functionalized rigid ligand: Synthesis, topological structure and properties. Journal of Solid State Chemistry, 2018, 258, 56-63.	2.9	8
116	Interface Manipulation to Improve Plasmonâ€Coupled Photoelectrochemical Water Splitting on Î±â€Fe₂O₃ Photoanodes. ChemSusChem, 2018, 11, 237-244.	6.8	38
117	Alginate and polyethyleneimine dually mediated synthesis of nanosilver-containing composites for efficient p-nitrophenol reduction. Carbohydrate Polymers, 2018, 181, 744-751.	10.2	43
118	Novel highly efficient single-component multi-peak emitting aluminosilicate phosphors co-activated with Ce³⁺, Tb³⁺ and Eu²⁺: luminescence properties, tunable color, and thermal properties. Physical Chemistry Chemical Physics, 2018, 20, 1591-1607.	2.8	49
119	Photocatalytic and Photoluminescence Properties of Coreâ€“Shell SiO₂@TiO₂:Eu³⁺,Sm³⁺ and Its Etching Products. ACS Sustainable Chemistry and Engineering, 2018, 6, 223-236.	6.7	48
120	Cationic porous organic polymers as an excellent platform for highly efficient removal of pollutants from water. Journal of Materials Chemistry A, 2018, 6, 20653-20658.	10.3	86
121	Crystal structure of ethyl 2-amino-4-(3,4-dimethylphenyl)-5-oxo-4H,5H-pyrano[3,2-c] chromene-3-carboxylate, C₂₃H₂₁NO₅. Zeitschrift Fur Kristallographie - New Crystal Structures, 2018, 233, 815-816.	0.3	0
122	Bifunctional Metal-Free Porous Organic Framework Heterogeneous Catalyst for Efficient CO₂ Conversion under Mild and Cocatalyst-Free Conditions. ACS Sustainable Chemistry and Engineering, 2018, 6, 15050-15055.	6.7	78
123	Di-ionic multifunctional porous organic frameworks for efficient CO₂ fixation under mild and co-catalyst free conditions. Green Chemistry, 2018, 20, 5285-5291.	9.0	38
124	One-step preparation of Fe O /N-GN/CNTs heterojunctions as a peroxymonosulfate activator for relatively highly-efficient methylene blue degradation. Chinese Journal of Catalysis, 2018, 39, 1842-1853.	14.0	22
125	Significant promotion of porous architecture and magnetic Fe₃O₄ NPs inside honeycomb-like carbonaceous composites for enhanced microwave absorption. RSC Advances, 2018, 8, 19011-19023.	3.6	52
126	Photoluminescent properties of AlN: Mn2+ phosphors. Journal of Alloys and Compounds, 2018, 763, 466-470.	5.5	14

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127	Surface chemistry imposes selective reduction of CO₂ to CO over Ta₃N₅/LaTiO₂N photocatalyst. Journal of Materials Chemistry A, 2018, 6, 14838-14846.	10.3	34
128	Microporous Cu metal-organic framework constructed from V-shaped tetracarboxylic ligand for selective separation of C2H2/CH4 and C2H2/N2 at room temperature. Journal of Solid State Chemistry, 2018, 265, 285-290.	2.9	10
129	Structure and magnetic properties of (Fe1â^'xNdx)3N nanoparticles. Journal of Materials Science: Materials in Electronics, 2018, 29, 13852-13857.	2.2	0
130	Rational design of CNTs with encapsulated Co nanospheres as superior acid- and base-resistant microwave absorbers. Dalton Transactions, 2018, 47, 11554-11562.	3.3	17
131	Seaweed-derived multifunctional nitrogen/cobalt-codoped carbonaceous beads for relatively high-efficient peroxymonosulfate activation for organic pollutants degradation. Chemical Engineering Journal, 2018, 353, 746-759.	12.7	60
132	A Facetâ€Dependent Schottkyâ€Junction Electron Shuttle in a BiVO₄{010}â€“Auâ€“Cu₂O Zâ€Scheme Photocatalyst for Efficient Charge Separation. Advanced Functional Materials, 2018, 28, 1801214.	14.9	193
133	Selfâ€Assembly of Threeâ€Dimensional Zincâ€Doped NiCo₂O₄ as Efficient Electrocatalysts for Oxygen Evolution Reaction. Chemistry - A European Journal, 2018, 24, 13002-13008.	3.3	51
134	Photoluminescence and Photocatalysis Properties of Dual-Functional Eu³⁺-Doped Anatase Nanocrystals. Journal of Physical Chemistry C, 2017, 121, 2369-2379.	3.1	49
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