

JÃ©rÃ©me Marrot

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Breathing Hybrid Organic-Inorganic Solid with Very Large Pores and High Magnetic Characteristics. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 281.	13.8	894
2	Polyoxometalate-Based Metal Organic Frameworks (POMOFs): Structural Trends, Energetics, and High Electrocatalytic Efficiency for Hydrogen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2011, 133, 13363-13374.	13.7	490
3	High-Throughput Assisted Rationalization of the Formation of Metal Organic Frameworks in the Iron(III) Aminoterephthalate Solvothermal System. <i>Inorganic Chemistry</i> , 2008, 47, 7568-7576.	4.0	480
4	Functionalization in Flexible Porous Solids: Effects on the Pore Opening and the Host-Guest Interactions. <i>Journal of the American Chemical Society</i> , 2010, 132, 1127-1136.	13.7	445
5	MIL-103, A 3-D Lanthanide-Based Metal Organic Framework with Large One-Dimensional Tunnels and A High Surface Area. <i>Journal of the American Chemical Society</i> , 2005, 127, 12788-12789.	13.7	423
6	MIL-96, a Porous Aluminum Trimesate 3D Structure Constructed from a Hexagonal Network of 18-Membered Rings and $\frac{1}{4}$ -3-Oxo-Centered Trinuclear Units. <i>Journal of the American Chemical Society</i> , 2006, 128, 10223-10230.	13.7	386
7	Reversible Photoinduced Magnetic Properties in the Heptanuclear Complex $[\text{Mo}^{\text{IV}}(\text{CN})_2(\text{CN})_2\text{Cu}^{\text{I}}]_6^{8+}$: A Photomagnetic High-Spin Molecule. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5468-5471.	13.8	330
8	The Kagomé Topology of the Gallium and Indium Metal-Organic Framework Types with a MIL-68 Structure: Synthesis, XRD, Solid-State NMR Characterizations, and Hydrogen Adsorption. <i>Inorganic Chemistry</i> , 2008, 47, 11892-11901.	4.0	270
9	Zeolitic Polyoxometalate-Based Metal-Organic Frameworks (Z-POMOFs): Computational Evaluation of Hypothetical Polymorphs and the Successful Targeted Synthesis of the Redox-Active Z-POMOF1. <i>Journal of the American Chemical Society</i> , 2009, 131, 16078-16087.	13.7	265
10	A robust large-pore zirconium carboxylate metal-organic framework for energy-efficient water-sorption-driven refrigeration. <i>Nature Energy</i> , 2018, 3, 985-993.	39.5	217
11	Hybrid Organic-Inorganic 1D and 2D Frameworks with Keggin Polyoxomolybdates as Building Blocks. <i>Chemistry - A European Journal</i> , 2003, 9, 2914-2920.	3.3	212
12	Solid-State and Solution Studies of $\{\text{Ln}(\text{SiW}_{11}\text{O}_{39})\}$ Polyoxoanions: An Example of Building Block Condensation Dependent on the Nature of the Rare Earth. <i>Inorganic Chemistry</i> , 2003, 42, 2102-2108.	4.0	193
13	Synthesis, Structure, Characterization, and Redox Properties of the Porous MIL-68(Fe) Solid. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3789-3794.	2.0	191
14	Iron Polyoxometalate Single-Molecule Magnets. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3077-3081.	13.8	185
15	Effect of Cyanato, Azido, Carboxylato, and Carbonato Ligands on the Formation of Cobalt(II) Polyoxometalates: Characterization, Magnetic, and Electrochemical Studies of Multinuclear Cobalt Clusters. <i>Chemistry - A European Journal</i> , 2007, 13, 3525-3536.	3.3	182
16	$[\text{e-PMo}_{12}\text{O}_{36}(\text{OH})_4\{\text{La}(\text{H}_2\text{O})_4\}_4]^{5-}$: The First e-PMo ₁₂ O ₄₀ Keggin Ion and Its Association with the Two-Electron-Reduced $\frac{1}{2}$ -PMo ₁₂ O ₄₀ Isomer. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2398.	13.8	160
17	A Nonanuclear Copper(II) Polyoxometalate Assembled Around a $\frac{1}{4}$ -1,1,1,3,3,3-Azido Ligand and Its Parent Tetranuclear Complex. <i>Chemistry - A European Journal</i> , 2005, 11, 1771-1778.	3.3	154
18	Polyoxometalate, Cationic Cluster, and β -Cyclodextrin: From Primary Interactions to Supramolecular Hybrid Materials. <i>Journal of the American Chemical Society</i> , 2017, 139, 12793-12803.	13.7	137

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19	Structural Characterization and Magnetic Properties of Sandwich-Type Tungstoarsenate Complexes. Study of a Mixed-Valent VIV ₂ /VVHeteropolyanion. <i>Inorganic Chemistry</i> , 2001, 40, 44-48.	4.0	131
20	Hydrothermal Synthesis, Structure Determination, and Thermal Behavior of New Three-Dimensional Europium Terephthalates: MIL-51LT, HT and MIL-52 or Eu ₂ n(OH) _x (H ₂ O) _y (O ₂ Câˆ’C ₆ H ₄ âˆ’CO ₂) _z (n= III, III, II; x= 4, y= 4, z= 1). <i>Inorganic Chemistry</i> , 2001, 40, 1029-1036.	4.0	129
21	Hexacyanometalate Molecular Chemistry: Di-, Tri-, Tetra-, Hexa- and Heptanuclear Heterobimetallic Complexes; Control of Nuclearity and Structural Anisotropy. <i>Chemistry - A European Journal</i> , 2003, 9, 1692-1705.	3.3	123
22	Characterization and Electrochemical Properties of Molecular Icosanuclear and Bidimensional Hexanuclear Cu(II) Azido Polyoxometalates. <i>Inorganic Chemistry</i> , 2007, 46, 5292-5301.	4.0	122
23	A Supramolecular Tetradecanuclear Copper(II) Polyoxotungstate. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3523-3526.	13.8	120
24	Structural and Magnetic Properties of Mn(III) and Cu(I) Tetranuclear Azido Polyoxometalate Complexes: Multifrequency High-Field EPR Spectroscopy of Cu ₄ Clusters with S=1 and S=2 Ground States. <i>Chemistry - A European Journal</i> , 2006, 12, 1950-1959.	3.3	115
25	Keteniminium Ion-Initiated Cascade Cationic Polycyclization. <i>Journal of the American Chemical Society</i> , 2014, 136, 12528-12531.	13.7	113
26	Synthesis, structure and properties of a three-dimensional porous rare-earth carboxylate MIL-83(Eu): Eu ₂ (O ₂ C-C ₁₀ H ₁₄ -CO ₂) ₃ . <i>Journal of Materials Chemistry</i> , 2004, 14, 642-645.	6.7	112
27	Functionalization of Polyoxometalates by a Negatively Charged Bridging Ligand: The Dimeric [(SiW ₁₁ O ₃₉ Ln) ₂ (1/4-CH ₃ COO) ₂] ₁₂ âˆ’ (Ln = Gd(III), Yb(III)) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 33-36.	2.0	110
28	Construction of Two- and Three-Dimensional Coordination Polymers from Cobalt Trimesate. <i>Chemistry of Materials</i> , 2001, 13, 4387-4392.	6.7	108
29	Hydrothermal syntheses and characterizations of 0D to 3D polyoxotungstates linked by copper ions. <i>Inorganica Chimica Acta</i> , 2004, 357, 845-852.	2.4	105
30	Copper-Catalyzed Oxidative Alkynylation of Diaryl Imines with Terminal Alkynes: A Facile Synthesis of Ynimines. <i>Organic Letters</i> , 2012, 14, 6-9.	4.6	105
31	Cation-Directed Synthesis of Tungstosilicates. 1. Syntheses and Structures of K ₁₀ A ₁₂ [(SiW ₉ O ₃₄) ₂] ₂ ·24H ₂ O, of the Sandwich-Type Complex K _{10.75} [Co(H ₂ O) ₆] _{0.5} [Co(H ₂ O) ₄ Cl] _{0.25} A ₁₂ [(K ₂ {Co(H ₂ O) ₂ } ₃ (SiW ₉ O ₃₄) ₂)] ₂ ·32H ₂ O and of Cs ₁₅ [K(SiW ₁₁ O ₃₉) ₂] ₁₂ ·39H ₂ O. <i>Inorganic Chemistry</i> , 2003, 42, 5857-5862.	4.0	101
32	Hybrid 2D and 3D Frameworks Based on Î¼-Keggin Polyoxometallates: Experiment and Simulation. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3009-3018.	2.0	95
33	Octa- and Nonanuclear Nickel(II) Polyoxometalate Clusters: Synthesis and Electrochemical and Magnetic Characterizations. <i>Inorganic Chemistry</i> , 2008, 47, 11120-11128.	4.0	86
34	Nonconventional Three-Component Hierarchical Host-Guest Assembly Based on Mo-Blue Ring-Shaped Giant Anion, Î³-Cyclodextrin, and Dawson-type Polyoxometalate. <i>Journal of the American Chemical Society</i> , 2017, 139, 14376-14379.	13.7	81
35	Copper-Catalyzed Cyclization of Iodo-tryptophans: A Straightforward Synthesis of Pyrroloindoles. <i>Organic Letters</i> , 2008, 10, 3841-3844.	4.6	80
36	Water Substitution on Iron Centers: from 0D to 1D Sandwich Type Polyoxotungstates. <i>Inorganic Chemistry</i> , 2008, 47, 3371-3378.	4.0	79

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37	Revisiting the Aluminum Trimesate-Based MOF (MIL-96): From Structure Determination to the Processing of Mixed Matrix Membranes for CO ₂ Capture. <i>Chemistry of Materials</i> , 2017, 29, 10326-10338.	6.7	78
38	Polyoxometalates Functionalized by Bisphosphonate Ligands: Synthesis, Structural, Magnetic, and Spectroscopic Characterizations and Activity on Tumor Cell Lines. <i>Inorganic Chemistry</i> , 2012, 51, 7921-7931.	4.0	74
39	Total Synthesis of Chaetominine. <i>Organic Letters</i> , 2008, 10, 5027-5030.	4.6	72
40	Hexa- and Dodecanuclear Polyoxomolybdate Cyclic Compounds: Application toward the Facile Synthesis of Nanoparticles and Film Electrodeposition. <i>Chemistry - A European Journal</i> , 2009, 15, 733-741.	3.3	72
41	Tetra- to Dodecanuclear Oxomolybdate Complexes with Functionalized Bisphosphonate Ligands: Activity in Killing Tumor Cells. <i>Chemistry - A European Journal</i> , 2010, 16, 13741-13748.	3.3	70
42	A Stable Hybrid Bisphosphonate Polyoxometalate Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2012, 18, 3845-3849.	3.3	70
43	Lanthanide-Porphyrin Hybrids: from Layered Structures to Metal-Organic Frameworks with Photophysical Properties. <i>Inorganic Chemistry</i> , 2013, 52, 2779-2786.	4.0	69
44	An Open-Framework Rare-Earth Acetylenedicarboxylate: MIL-95, Eu ₁₁ (H ₂ O) ₂ (CO ₃) ₂ ·{O ₂ C-C≡C-CO ₂ } _x ·{H ₂ O} _x . <i>Inorganic Chemistry</i> , 2005, 44, 654-657.	4.0	68
45	Fe ₂ and Fe ₄ Clusters Encapsulated in Vacant Polyoxotungstates: Hydrothermal Synthesis, Magnetic and Electrochemical Properties, and DFT Calculations. <i>Chemistry - A European Journal</i> , 2008, 14, 3189-3199.	3.3	67
46	Polyoxometalates Paneling through {Mo ₂ O ₂ S ₂ } Coordination: Cation-Directed Conformations and Chemistry of a Supramolecular Hexameric Scaffold. <i>Journal of the American Chemical Society</i> , 2012, 134, 1724-1737.	13.7	67
47	MIL-50, an Open-Framework GaPO with a Periodic Pattern of Small Water Ponds and Dry Rubidium Atoms: A Combined XRD, NMR, and Computational Study. <i>Journal of the American Chemical Society</i> , 2003, 125, 1912-1922.	13.7	66
48	Second-Order Nonlinear Optical Properties of Polyoxometalate Salts of a Chiral Stilbazolium Derivative. <i>Inorganic Chemistry</i> , 2009, 48, 6222-6228.	4.0	66
49	Reinvestigation of the M ^{II} (M = Ni, Co)/TetraThiafulvaleneTetraCarboxylate System Using High-Throughput Methods: Isolation of a Molecular Complex and Its Single-Crystal-to-Single-Crystal Transformation to a Two-Dimensional Coordination Polymer. <i>Inorganic Chemistry</i> , 2010, 49, 10710-10717.	4.0	66
50	Merging Oxidative Dearomatization and Aminocatalysis: One-Pot Enantioselective Synthesis of Tricyclic Architectures. <i>Organic Letters</i> , 2013, 15, 5642-5645.	4.6	66
51	Utilization of Cyclopentylamine as Structure-Directing Agent for the Formation of Fluorinated Gallium Phosphates Exhibiting Extra-Large-Pore Open Frameworks with 16-ring (ULM-16) and 18-ring Channels (MIL-46). <i>Chemistry of Materials</i> , 2002, 14, 1340-1347.	6.7	65
52	An Illustration of the Limit of the Metal Organic Framework's Isorecticular Principle Using a Semirigid Tritopic Linker Obtained by "Click" Chemistry. <i>Journal of the American Chemical Society</i> , 2007, 129, 12614-12615.	13.7	65
53	Synthesis and Structure Activity Relationship of Organometallic Steroidal Androgen Derivatives. <i>Organometallics</i> , 2009, 28, 1414-1424.	2.3	65
54	Sulfonium Polyoxometalates: A New Class of Solid-State Photochromic Hybrid Organic-Inorganic Materials. <i>Inorganic Chemistry</i> , 2013, 52, 555-557.	4.0	65

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55	A Polyoxometalate Containing the $\{Ni_2N_3\}$ Fragment: Ferromagnetic Coupling in a Ni ^{II} -1,1 Azido Complex with a Large Bridging Angle. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2274-2277.	13.8	63
56	Dual Photochromic/Electrochromic Compounds Based On Cationic Spiropyrans and Polyoxometalates. <i>Chemistry - A European Journal</i> , 2010, 16, 5572-5576.	3.3	63
57	Structural, Magnetic, EPR, and Electrochemical Characterizations of a Spin-Frustrated Trinuclear Cr ^{III} -Polyoxometalate and Study of Its Reactivity with Lanthanum Cations. <i>Inorganic Chemistry</i> , 2010, 49, 2851-2858.	4.0	60
58	Cubic Box versus Spheroidal Capsule Built from Defect and Intact Pentagonal Units. <i>Journal of the American Chemical Society</i> , 2012, 134, 19342-19345.	13.7	59
59	MoV/Pyrophosphate Polyoxometalate: An Inorganic Cryptate. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2808-2810.	13.8	58
60	3-Aminopyrrolidines via Ring Rearrangement of 2-Aminomethylazetidines. Synthesis of (â ⁺)-Absouline. <i>Organic Letters</i> , 2005, 7, 5861-5864.	4.6	58
61	Synthesis and Characterization of Octa- and Hexanuclear Polyoxomolybdate Wheels: A Role of the Inorganic Template and of the Counterion. <i>Inorganic Chemistry</i> , 2006, 45, 5898-5910.	4.0	58
62	Syntheses, X-Ray Crystal Structures, and Magnetic Properties of Novel Linear MUIV Complexes (M=Co, Ni, Cu, Zn, Cd, Hg, Pb, Bi, Sb, Sn, Te, Se, Mo, W, V, Nb, Ta, Ti, Zr, Hf, Th, U, Pu, Am, Cm, Bk, Cf, Es, Fm, Md, No, Lr). <i>Journal of Inorganic Biochemistry</i> , 2007, 91, 100-107.	3.3	57
63	Tuning the Photochromic Properties of Molybdenum Bisphosphonate Polyoxometalates. <i>Inorganic Chemistry</i> , 2012, 51, 2291-2302.	4.0	57
64	Chemo- and Stereoselective Synthesis of Fluorinated Enamides from Ynamides in HF/Pyridine: Second-Generation Approach to Potent Ureas Bioisosteres. <i>Journal of Organic Chemistry</i> , 2015, 80, 3397-3410.	3.2	57
65	Engineering Structural Dynamics of Zirconium Metal-Organic Frameworks Based on Natural C4 Linkers. <i>Journal of the American Chemical Society</i> , 2019, 141, 17207-17216.	13.7	54
66	Strained Azetidinium Ylides: A New Reagents for Cyclopropanation. <i>Journal of Organic Chemistry</i> , 2007, 72, 1058-1061.	3.2	53
67	A MOF-type magnesium benzene-1,3,5-tribenzoate with two-fold interpenetrated ReO ₃ nets. <i>CrystEngComm</i> , 2009, 11, 58-60.	2.6	53
68	Capture of the [Mo ₃ S ₄] ⁴⁺ Cluster within a {Mo ₁₈ } Macrocycle Yielding a Supramolecular Assembly Stabilized by a Dynamic H-Bond Network. <i>Journal of the American Chemical Society</i> , 2010, 132, 2069-2077.	13.7	53
69	A Supramolecular Tetra-Dawson Polyoxothiometalate: [(±-H ₂ P ₂ W ₁₅ O ₅₆) ₄ {Mo ₂ O ₂ S ₂ (H ₂ O) ₂ } ₄ {Mo ₄ S ₄ O ₄ (OH) ₂ (H ₂ O)} ₂] ₂₈ . <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2173-2176.	13.8	52
70	Hydrothermal Crystallization of Three Calcium-Based Hybrid Solids with 2,6-Naphthalene- or 4,4'-Biphenyl-Dicarboxylates. <i>Crystal Growth and Design</i> , 2008, 8, 685-689.	3.0	51
71	Zeolitic polyoxometalates metal organic frameworks (Z-POMOF) with imidazole ligands and μ ₃ -Keggin ions as building blocks; computational evaluation of hypothetical polymorphs and a synthesis approach. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 8632.	2.8	51
72	First Keto-Functionalized Microporous Al-Based Metal-Organic Framework: [Al(OH)(O) ₂ -C-C ₆ H ₄ -CO-C ₆ H ₄ -CO] _n . <i>Inorganic Chemistry</i> , 2013, 52, 1854-1859.	4.0	51

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73	Nucleophilic Ring-Opening of Azetidinium Ions: Insights into Regioselectivity. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3479-3490.	2.4	50
74	Synthesis and characterization of a series of porous lanthanide tricarboxylates. <i>Microporous and Mesoporous Materials</i> , 2011, 140, 25-33.	4.4	50
75	Effect of Cations on the Structure and Electrocatalytic Response of Polyoxometalate-Based Coordination Polymers. <i>Crystal Growth and Design</i> , 2017, 17, 1600-1609.	3.0	50
76	Title is missing!. <i>Journal of Materials Chemistry</i> , 2001, 11, 3392-3396.	6.7	49
77	New Synthetic Seven-Membered Azasugars Displaying Potent Inhibition Towards Glycosidases and Glucosylceramide Transferase. <i>ChemBioChem</i> , 2008, 9, 253-260.	2.6	49
78	Diindeno[1,2-b:2',1'-n]perylene: a closed shell related Chichibabin's hydrocarbon, the synthesis, molecular packing, electronic and charge transport properties. <i>Chemical Science</i> , 2015, 6, 3402-3409.	7.4	49
79	[Ag ₆ (PMo ₁₀ V ₂ O ₄₀)](CH ₃ COO) ₈ ·8H ₂ O: A 3D Macrocationic Polyoxometallic Keggin Complex. <i>Inorganic Chemistry</i> , 2004, 43, 2240-2242.	4.0	48
80	New photoresponsive charge-transfer spiropyran/polyoxometalate assemblies with highly tunable optical properties. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1628.	5.5	48
81	High Oxygen Reduction Reaction Performances of Cathode Materials Combining Polyoxometalates, Coordination Complexes, and Carbonaceous Supports. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38486-38498.	8.0	48
82	Fast and continuous processing of a new sub-micronic lanthanide-based metal-organic framework. <i>New Journal of Chemistry</i> , 2014, 38, 1477-1483.	2.8	47
83	Structure-Driven Orientation of the High-Spin/Low-Spin Interface in a Spin-Crossover Single Crystal. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7539-7542.	13.8	47
84	Lanthanide Polyoxocationic Complexes: Experimental and Theoretical Stability Studies and Lewis Acid Catalysis. <i>Chemistry - A European Journal</i> , 2011, 17, 14129-14138.	3.3	46
85	Anderson-Type Polyoxometalates Functionalized by Tetrathiafulvalene Groups: Synthesis, Electrochemical Studies, and NLO Properties. <i>Inorganic Chemistry</i> , 2018, 57, 3742-3752.	4.0	46
86	Cation-Directed Synthesis of Tungstosilicates. 2. Synthesis, Structure, and Characterization of the Open Wells Dawson Anion $[K(H_2O)_2(Si_2W_{18}O_{66})]^{15-}$ and Its Transition-Metal Derivatives $[M(H_2O)](1/4-H_2O)_2K(Si_2W_{18}O_{66})]^{13-}$ and $[M(H_2O)](1/4-H_2O)_2K[M(H_2O)_4(Si_2W_{18}O_{66})]^{11-}$. <i>Inorganic Chemistry</i> , 2005, 44, 1275-1281.	4.0	44
87	Route for the Elaboration of Functionalized Hybrid 3d-Substituted Trivacant Keggin Anions. <i>Inorganic Chemistry</i> , 2011, 50, 7376-7378.	4.0	44
88	Allosterically Coupled Double Induced Fit for 1+1+1+1 Self-Assembly of a Calix[6]trisamine, a Calix[6]trisacid, and Their Guests. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3123-3126.	13.8	43
89	Cyclic Ti ₉ Keggin Trimers with Tetrahedral (PO ₄) or Octahedral (TiO ₆) Capping Groups. <i>Inorganic Chemistry</i> , 2008, 47, 8574-8576.	4.0	43
90	Access to l- and d-Iminosugar C-Glycosides from a d-gluco-Derived 6-Azidolactol Exploiting a Ring Isomerization/Alkylation Strategy. <i>Organic Letters</i> , 2012, 14, 870-873.	4.6	43

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91	Polyoxomolybdate Bisphosphonate Heterometallic Complexes: Synthesis, Structure, and Activity on a Breast Cancer Cell Line. <i>Chemistry - A European Journal</i> , 2015, 21, 10537-10547.	3.3	43
92	Ring Expansions of 2-Alkenylazetidinium Salts – a New Route to Pyrrolidines and Azepanes. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 4214-4223.	2.4	42
93	Structure, Formation, and Dynamics of Mo12 and Mo16 Oxothiomolybdenum Rings Containing Terephthalate Derivatives. <i>Chemistry - A European Journal</i> , 2007, 13, 3548-3557.	3.3	42
94	Sulfilimines and Sulfoximines by Reaction of Nitriles with Perfluoroalkyl Sulfoxides. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3150-3153.	2.4	42
95	Solvent free nucleophilic introduction of fluorine with [bmim][F]. <i>Tetrahedron Letters</i> , 2014, 55, 826-829.	1.4	41
96	Design and optical investigations of a spironaphthoxazine/polyoxometalate/spiropyran triad. <i>Journal of Materials Chemistry C</i> , 2014, 2, 4748-4758.	5.5	41
97	Hypervalent iodine-mediated synthesis of benzoxazoles and benzimidazoles via an oxidative rearrangement. <i>Tetrahedron</i> , 2015, 71, 700-708.	1.9	41
98	A Robust Titanium Isophthalate Metal-Organic Framework for Visible-Light Photocatalytic CO ₂ Methanation. <i>CheM</i> , 2020, 6, 3409-3427.	11.7	41
99	“Host in Host” Supramolecular Core-Shell Type Systems Based on Giant Ring-Shaped Polyoxometalates. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14146-14153.	13.8	41
100	Excellent Semiconductors Based on Tetracenotetracene and Pentacenopentacene: From Stable Closed-Shell to Singlet Open-Shell. <i>Journal of the American Chemical Society</i> , 2019, 141, 9373-9381.	13.7	40
101	Enantioselective Friedel-Crafts alkylation of indole derivatives catalyzed by new Yb(OTf) ₃ -pyridylalkylamine complexes as chiral Lewis acids. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 497-503.	2.8	39
102	Solution process for the synthesis of the high-pressure phase CoMoO ₄ and X-ray single crystal resolution. <i>Journal of Materials Chemistry</i> , 2002, 12, 1423-1425.	6.7	38
103	The Highest D Value for a MnII Ion: Investigation of a Manganese(II) Polyoxometalate Complex by High-Field Electron Paramagnetic Resonance. <i>Inorganic Chemistry</i> , 2007, 46, 7710-7712.	4.0	38
104	Chaotropic Effect as an Assembly Motif to Construct Supramolecular Cyclodextrin-Polyoxometalate-Based Frameworks. <i>Journal of the American Chemical Society</i> , 2022, 144, 4469-4477.	13.7	38
105	Structure and Magnetic Properties of a Non-Heme Diiron Complex Singly Bridged by a Hydroxo Group. <i>Inorganic Chemistry</i> , 2006, 45, 6922-6927.	4.0	37
106	Synthesis, Structure, and Crystallization Study of a Layered Lithium Thiophene-Dicarboxylate. <i>Crystal Growth and Design</i> , 2012, 12, 1531-1537.	3.0	37
107	Properties of a Tunable Multinuclear Nickel Polyoxotungstate Platform. <i>Chemistry - A European Journal</i> , 2013, 19, 6753-6765.	3.3	37
108	Heteroanionic Materials Based on Copper Clusters, Bisphosphonates, and Polyoxometalates: Magnetic Properties and Comparative Electrocatalytic NO _x Reduction Studies. <i>Inorganic Chemistry</i> , 2016, 55, 1551-1561.	4.0	37

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109	Tuning the Dimensionality of Polyoxometalate-Based Materials by Using a Mixture of Ligands. <i>Crystal Growth and Design</i> , 2015, 15, 449-456.	3.0	35
110	Selective Inclusion of Cu ⁺ and Ag ⁺ Electron-Rich Metallic Cations within Supramolecular Polyoxometalates Based on {AsW ₉ O ₃₃ }{Mo ₃ S ₄ } Combinations. <i>Chemistry - A European Journal</i> , 2008, 14, 3457-3466.	3.3	34
111	Azetidines as ligands in the Pd(II) complexes series. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2306-2311.	1.8	33
112	Oligomerization of Yb(III)-substituted Dawson polyoxotungstates by oxalato ligands. <i>Inorganic Chemistry Communication</i> , 2005, 8, 740-742.	3.9	33
113	Supramolecular association of 1,2,5-chalcogenadiazoles: an unexpected self-assembled dissymmetric [Se ²⁻ N] ₂ four-membered ring. <i>CrystEngComm</i> , 2009, 11, 986.	2.6	33
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