C J Doonan

List of Publications by Year
in descending order

148 papers	18,215 citations	26567 56 h-index	12233 133 g-index
153 all docs	153 docs citations	153 times ranked	17115 citing authors

#	Article	IF	Citations
1	Templated synthesis of zirconium(<scp>iv</scp>)-based metalâ€“organic layers (MOLs) with accessible chelating sites. Chemical Communications, 2022, 58, 957-960.	2.2	6
2	Kombination einer genetisch engineerten Oxidase mit wasserstoffbrÃ¼ckengebundenen organischen GerÃ¼sten (HOFs) fÃ¼r hocheffiziente Biokomposite. Angewandte Chemie, 2022, 134, .	1.6	3
3	Combining a Genetically Engineered Oxidase with Hydrogenâ€Bonded Organic Frameworks (HOFs) for Highly Efficient Biocomposites. Angewandte Chemie - International Edition, 2022, 61, .	7.2	46
4	Selfâ€Assembly of Oriented Antibodyâ€Decorated Metalâ€“Organic Framework Nanocrystals for Activeâ€Targeting Applications. Advanced Materials, 2022, 34, e2106607.	11.1	23
5	Enzyme-powered micromotors based on hierarchical porous MOFs. Chinese Journal of Catalysis, 2022, 43, 584-585.	6.9	0
6	How Reproducible are Surface Areas Calculated from the BET Equation?. Advanced Materials, 2022, 34, .	11.1	82
7	Selfâ€Assembly of Oriented Antibodyâ€Decorated Metalâ€“Organic Framework Nanocrystals for Activeâ€Targeting Applications (Adv. Mater. 21/2022). Advanced Materials, 2022, 34, .	11.1	0
8	Can 3D electron diffraction provide accurate atomic structures of metalâ€“organic frameworks?. Faraday Discussions, 2021, 225, 118-132.	1.6	34
9	Unveiling the structural transitions during activation of a CO2 methanation catalyst Ru0/ZrO2 synthesised from a MOF precursor. Catalysis Today, 2021, 368, 66-77.	2.2	27
10	Structural modulation of the photophysical and electronic properties of pyrene-based 3D metalâ€“organic frameworks derived from s-block metals. CrystEngComm, 2021, 23, 82-90.	1.3	3
11	Towards applications of bioentities@MOFs in biomedicine. Coordination Chemistry Reviews, 2021, 429, 213651.	9.5	121
12	Metalâ€“Organic Framework-Based Enzyme Biocomposites. Chemical Reviews, 2021, 121, 1077-1129.	23.0	372
13	Elucidating pore chemistry within metalâ€“organic frameworks <i>via</i> single crystal X-ray diffraction; from fundamental understanding to application. CrystEngComm, 2021, 23, 2185-2195.	1.3	5
14	Highâ€Throughput Electron Diffraction Reveals a Hidden Novel Metalâ€“Organic Framework for Electrocatalysis. Angewandte Chemie - International Edition, 2021, 60, 11391-11397.	7.2	29
15	Highâ€Throughput Electron Diffraction Reveals a Hidden Novel Metalâ€“Organic Framework for Electrocatalysis. Angewandte Chemie, 2021, 133, 11492-11498.	1.6	6
16	Influence of the Synthesis and Storage Conditions on the Activity of <i>Candida antarctica</i> Lipase B ZIF-8 Biocomposites. ACS Applied Materials & Interfaces, 2021, 13, 51867-51875.	4.0	28
17	Single-Crystal-to-Single-Crystal Transformations of Metalâ€“Organic-Framework-Supported, Site-Isolated Trigonal-Planar Cu(I) Complexes with Labile Ligands. Inorganic Chemistry, 2021, 60, 11775-11783.	1.9	12
18	MOFs and Biomacromolecules for Biomedical Applications. , 2021, , 379-432.		0

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19	On the completeness of three-dimensional electron diffraction data for structural analysis of metalâ€“organic frameworks. Faraday Discussions, 2021, 231, 66-80.	1.6	14
20	MOF matrix isolation: cooperative conformational mobility enables reliable single crystal transformations. Faraday Discussions, 2021, 225, 84-99.	1.6	16
21	Coordination modulated on-off switching of flexibility in a metalâ€“organic framework. Chemical Science, 2021, 12, 14893-14900.	3.7	7
22	Semiâ€Automatic Deposition of Oriented Cu(OH)₂ Nanobelts for the Heteroepitaxial Growth of Metalâ€“Organic Framework Films. Advanced Materials Interfaces, 2021, 8, 2101039.	1.9	8
23	Insights into the Interaction between Immobilized Biocatalysts and Metalâ€“Organic Frameworks: A Case Study of PCN-333. Jacs Au, 2021, 1, 2172-2181.	3.6	15
24	Use of modulators and light to control crystallisation of a hydrogen bonded framework. Chemical Communications, 2021, 58, 306-309.	2.2	3
25	Highly Active Gas Phase Organometallic Catalysis Supported Within Metalâ€“Organic Framework Pores. Journal of the American Chemical Society, 2020, 142, 13533-13543.	6.6	43
26	Controlling the alignment of 1D nanochannel arrays in oriented metalâ€“organic framework films for hostâ€“guest materials design. Chemical Science, 2020, 11, 8005-8012.	3.7	31
27	Modulation of metal-azolate frameworks for the tunable release of encapsulated glycosaminoglycans. Chemical Science, 2020, 11, 10835-10843.	3.7	44
28	Postsynthetic Metalated MOFs as Atomically Dispersed Catalysts for Hydroformylation Reactions. ACS Applied Materials & Interfaces, 2020, 12, 54798-54805.	4.0	18
29	A metalâ€“organic framework supported iridium catalyst for the gas phase hydrogenation of ethylene. Chemical Communications, 2020, 56, 15313-15316.	2.2	15
30	Fatty acids as biomimetic replication agents for luminescent metalâ€“organic framework patterns. Chemical Communications, 2020, 56, 12733-12736.	2.2	4
31	Continuousâ€Flow Synthesis of ZIFâ€8 Biocomposites with Tunable Particle Size. Angewandte Chemie, 2020, 132, 8200-8204.	1.6	21
32	Phase dependent encapsulation and release profile of ZIF-based biocomposites. Chemical Science, 2020, 11, 3397-3404.	3.7	70
33	Continuousâ€Flow Synthesis of ZIFâ€8 Biocomposites with Tunable Particle Size. Angewandte Chemie - International Edition, 2020, 59, 8123-8127.	7.2	55
34	Isolating reactive metal-based species in Metalâ€“Organic Frameworks â€“ viable strategies and opportunities. Chemical Science, 2020, 11, 4031-4050.	3.7	59
35	In Situ MOF-Templating of Rh Nanocatalysts under Reducing Conditions. Australian Journal of Chemistry, 2020, 73, 1271.	0.5	3
36	Enzyme Encapsulation in a Porous Hydrogen-Bonded Organic Framework. Journal of the American Chemical Society, 2019, 141, 14298-14305.	6.6	210

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37	Isomer Interconversion Studied through Single-Crystal to Single-Crystal Transformations in a Metalâ€"Organic Framework Matrix. Organometallics, 2019, 38, 3412-3418.	1.1	12
38	Mineralizationâ€Inspired Synthesis of Magnetic Zeolitic Imidazole Framework Composites. Angewandte Chemie, 2019, 131, 13684-13689.	1.6	5
39	Mineralizationâ€Inspired Synthesis of Magnetic Zeolitic Imidazole Framework Composites. Angewandte Chemie - International Edition, 2019, 58, 13550-13555.	7.2	27
40	Tuning Packing, Structural Flexibility, and Porosity in 2D Metalâ€"Organic Frameworks by Metal Node Choice. Australian Journal of Chemistry, 2019, 72, 797.	0.5	4
41	Encapsulation, Visualization and Expression of Genes with Biomimetically Mineralized Zeolitic Imidazolate Frameworkâ€8 (ZIFâ€8). Small, 2019, 15, e1902268.	5.2	95
42	Molecular Tectonics: A Nodeâ€andâ€Linker Building Block Approach to a Family of Hydrogenâ€Bonded Frameworks. Chemistry - A European Journal, 2019, 25, 10006-10012.	1.7	70
43	Gene Therapy: Encapsulation, Visualization and Expression of Genes with Biomimetically Mineralized Zeolitic Imidazolate Frameworkâ€8 (ZIFâ€8) (Small 36/2019). Small, 2019, 15, 1970193.	5.2	4
44	Degradation of ZIF-8 in phosphate buffered saline media. CrystEngComm, 2019, 21, 4538-4544.	1.3	186
45	Innentitelbild: MOFâ€onâ€MOF: Oriented Growth of Multiple Layered Thin Films of Metalâ€"Organic Frameworks (Angew. Chem. 21/2019). Angewandte Chemie, 2019, 131, 6856-6856.	1.6	1
46	MOFâ€onâ€MOF: Oriented Growth of Multiple Layered Thin Films of Metalâ€"Organic Frameworks. Angewandte Chemie, 2019, 131, 6960-6964.	1.6	37
47	MOFâ€onâ€MOF: Oriented Growth of Multiple Layered Thin Films of Metalâ€"Organic Frameworks. Angewandte Chemie - International Edition, 2019, 58, 6886-6890.	7.2	145
48	Carbohydrates@MOFs. Materials Horizons, 2019, 6, 969-977.	6.4	46
49	Enhanced Activity of Enzymes Encapsulated in Hydrophilic Metalâ€"Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 2348-2355.	6.6	351
50	Protein surface functionalisation as a general strategy for facilitating biomimetic mineralisation of ZIF-8. Chemical Science, 2018, 9, 4217-4223.	3.7	131
51	Biocompatibility characteristics of the metal organic framework ZIF-8 for therapeutical applications. Applied Materials Today, 2018, 11, 13-21.	2.3	193
52	Control of Structure Topology and Spatial Distribution of Biomacromolecules in Protein@ZIF-8 Biocomposites. Chemistry of Materials, 2018, 30, 1069-1077.	3.2	146
53	Metalâ€"Organic Frameworks for Cell and Virus Biology: A Perspective. ACS Nano, 2018, 12, 13-23.	7.3	214
54	Protecting-Group-Free Site-Selective Reactions in a Metalâ€"Organic Framework Reaction Vessel. Journal of the American Chemical Society, 2018, 140, 6416-6425.	6.6	44

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55	High-Throughput Screening of Metalâ€“Organic Frameworks for Macroscale Heteroepitaxial Alignment. ACS Applied Materials & Interfaces, 2018, 10, 40938-40950.	4.0	18
56	A Facile Synthesis Procedure for Sulfonated Aniline Oligomers with Distinct Microstructures. Materials, 2018, 11, 1755.	1.3	5
57	Influence of nanoscale structuralisation on the catalytic performance of ZIF-8: a cautionary surface catalysis study. CrystEngComm, 2018, 20, 4926-4934.	1.3	38
58	Green Synthesis of Three-Dimensional Hybrid N-Doped ORR Electro-Catalysts Derived from Apricot Sap. Materials, 2018, 11, 205.	1.3	8
59	Conversion of Copper Carbonate into a Metalâ€“Organic Framework. Chemistry of Materials, 2018, 30, 5630-5638.	3.2	30
60	Mappingâ€Out Catalytic Processes in a Metalâ€“Organic Framework with Singleâ€Crystal Xâ€ray Crystallography. Angewandte Chemie - International Edition, 2017, 56, 8412-8416.	7.2	75
61	Mappingâ€Out Catalytic Processes in a Metalâ€“Organic Framework with Singleâ€Crystal Xâ€ray Crystallography. Angewandte Chemie, 2017, 129, 8532-8536.	1.6	20
62	Supramolecular anion recognition in water: synthesis of hydrogen-bonded supramolecular frameworks. Chemical Science, 2017, 8, 3019-3025.	3.7	74
63	Metalâ€“Organic Frameworks at the Biointerface: Synthetic Strategies and Applications. Accounts of Chemical Research, 2017, 50, 1423-1432.	7.6	464
64	Engineering Isoreticular 2D Metalâ€“Organic Frameworks with Inherent Structural Flexibility. Australian Journal of Chemistry, 2017, 70, 566.	0.5	4
65	Application of computational methods to the design and characterisation of porous molecular materials. Chemical Society Reviews, 2017, 46, 3286-3301.	18.7	68
66	Centimetre-scale micropore alignment in oriented polycrystalline metalâ€“organic framework films via heteroepitaxial growth. Nature Materials, 2017, 16, 342-348.	13.3	298
67	Mixedâ€Matrixâ€Membranen. Angewandte Chemie, 2017, 129, 9420-9439.	1.6	69
68	An Enzymeâ€Coated Metalâ€“Organic Framework Shell for Synthetically Adaptive Cell Survival. Angewandte Chemie, 2017, 129, 8630-8635.	1.6	37
69	Highly active catalyst for CO₂ methanation derived from a metal organic framework template. Journal of Materials Chemistry A, 2017, 5, 12990-12997.	5.2	95
70	Mixedâ€Matrix Membranes. Angewandte Chemie - International Edition, 2017, 56, 9292-9310.	7.2	545
71	X-ray crystallographic insights into post-synthetic metalation products in a metalâ€“organic framework. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160028.	1.6	15
72	Metalâ€“organic framework catalysis. CrystEngComm, 2017, 19, 4044-4048.	1.3	94

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73	Study of iron oxide nanoparticle phases in graphene aerogels for oxygen reduction reaction. New Journal of Chemistry, 2017, 41, 15180-15186.	1.4	15
74	Molecular Insight into Assembly Mechanisms of Porous Aromatic Frameworks. Journal of Physical Chemistry C, 2017, 121, 16381-16392.	1.5	13
75	A Unique 3D Nitrogen-Doped Carbon Composite as High-Performance Oxygen Reduction Catalyst. Materials, 2017, 10, 921.	1.3	14
76	An Enzymeâ€Coated Metalâ€"Organic Framework Shell for Synthetically Adaptive Cell Survival. Angewandte Chemie - International Edition, 2017, 56, 8510-8515.	7.2	152
77	Staggered pillaring: a strategy to control layerâ€"layer packing and enhance porosity in MOFs. Journal of Coordination Chemistry, 2016, 69, 1802-1811.	0.8	2
78	Removal of Pertechnetateâ€Related Oxyanions from Solution Using Functionalized Hierarchical Porous Frameworks. Chemistry - A European Journal, 2016, 22, 17581-17584.	1.7	107
79	Zirconium-Based Metalâ€"Organic Framework for Removal of Perrhenate from Water. Inorganic Chemistry, 2016, 55, 8241-8243.	1.9	153
80	Hydrogen adsorption in azolium and metalated N-heterocyclic carbene containing MOFs. CrystEngComm, 2016, 18, 7003-7010.	1.3	17
81	Biomimetics: Metal-Organic Framework Coatings as Cytoprotective Exoskeletons for Living Cells (Adv.) Tj ETQq1 1 0.784314 rgBT /Ov	11.1	3
82	Metalâ€"Organic Framework Coatings as Cytoprotective Exoskeletons for Living Cells. Advanced Materials, 2016, 28, 7910-7914.	11.1	254
83	Endohedrally functionalised porous organic cages. Chemical Communications, 2016, 52, 8850-8853.	2.2	31
84	Emerging applications of metalâ€"organic frameworks. CrystEngComm, 2016, 18, 6532-6542.	1.3	125
85	Site-specific metal and ligand substitutions in a microporous Mn2+-based metalâ€"organic framework. Dalton Transactions, 2016, 45, 4431-4438.	1.6	12
86	Computational identification of organic porous molecular crystals. CrystEngComm, 2016, 18, 4133-4141.	1.3	39
87	Enzyme encapsulation in zeolitic imidazolate frameworks: a comparison between controlled co-precipitation and biomimetic mineralisation. Chemical Communications, 2016, 52, 473-476.	2.2	230
88	Hetero-bimetallic metalâ€"organic polyhedra. Chemical Communications, 2016, 52, 276-279.	2.2	62
89	Application of metal and metal oxide nanoparticles@MOFs. Coordination Chemistry Reviews, 2016, 307, 237-254.	9.5	479
90	Particle size effects in the kinetic trapping of a structurally-locked form of a flexible MOF. CrystEngComm, 2016, 18, 4172-4179.	1.3	28

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91	Synthesis and Applications of Porous Organic Cages. Chemistry Letters, 2015, 44, 582-588.	0.7	85
92	Xâ€ray Crystallography in Openâ€Framework Materials. Angewandte Chemie - International Edition, 2015, 54, 12860-12867.	7.2	75
93	Biomimetic mineralization of metal-organic frameworks as protective coatings for biomacromolecules. Nature Communications, 2015, 6, 7240.	5.8	1,077
94	Probing post-synthetic metallation in metalâ€“organic frameworks: insights from X-ray crystallography. Chemical Communications, 2015, 51, 5486-5489.	2.2	25
95	d¹ Oxosulfido-Mo(V) Compounds: First Isolation and Unambiguous Characterization of an Extended Series. Inorganic Chemistry, 2015, 54, 6386-6396.	1.9	11
96	Continuous flow synthesis of a carbon-based molecular cage macrocycle via a three-fold homocoupling reaction. Chemical Communications, 2015, 51, 14231-14234.	2.2	29
97	Molecular Design of Amorphous Porous Organic Cages for Enhanced Gas Storage. Journal of Physical Chemistry C, 2015, 119, 7746-7754.	1.5	44
98	AIMs: a new strategy to control physical aging and gas transport in mixed-matrix membranes. Journal of Materials Chemistry A, 2015, 3, 15241-15247.	5.2	72
99	ZnO as an Efficient Nucleating Agent for Rapid, Room Temperature Synthesis and Patterning of Zn-Based Metalâ€“Organic Frameworks. Chemistry of Materials, 2015, 27, 690-699.	3.2	60
100	Reprogramming Kinetic Phase Control and Tailoring Pore Environments in Co^{II} and Zn^{II} Metalâ€“Organic Frameworks. Crystal Growth and Design, 2014, 14, 5710-5718.	1.4	11
101	Post-synthetic metalation of metalâ€“organic frameworks. Chemical Society Reviews, 2014, 43, 5933-5951.	18.7	529
102	A 3-D diamondoid MOF catalyst based on in situ generated [Cu(L)₂] N-heterocyclic carbene (NHC) linkers: hydroboration of CO₂. Chemical Communications, 2014, 50, 11760-11763.	2.2	70
103	Capturing snapshots of post-synthetic metallation chemistry in metalâ€“organic frameworks. Nature Chemistry, 2014, 6, 906-912.	6.6	178
104	Feasibility of Mixed Matrix Membrane Gas Separations Employing Porous Organic Cages. Journal of Physical Chemistry C, 2014, 118, 1523-1529.	1.5	84
105	Utilising hinged ligands in MOF synthesis: a covalent linking strategy for forming 3D MOFs. CrystEngComm, 2014, 16, 6364-6371.	1.3	10
106	Using hinged ligands to target structurally flexible copper(ii) MOFs. CrystEngComm, 2013, 15, 9663.	1.3	27
107	Encapsulation of polyoxometalates within layered metalâ€“organic frameworks with topological and pore control. CrystEngComm, 2013, 15, 9340.	1.3	8
108	Chelation-driven fluorescence deactivation in three alkali earth metal MOFs containing 2,2â€²-dihydroxybiphenyl-4,4â€²-dicarboxylate. CrystEngComm, 2013, 15, 9722.	1.3	9

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109	Kinetically Controlled Porosity in a Robust Organic Cage Material. Angewandte Chemie - International Edition, 2013, 52, 3746-3749.	7.2	137
110	Post-synthetic Structural Processing in a Metalâ€"Organic Framework Material as a Mechanism for Exceptional CO₂/N₂ Selectivity. Journal of the American Chemical Society, 2013, 135, 10441-10448.	6.6	190
111	Solvent-modified dynamic porosity in chiral 3D kagome frameworks. Dalton Transactions, 2013, 42, 7871.	1.6	33
112	Control of framework interpenetration for in situ modified hydroxyl functionalised IRMOFs. Chemical Communications, 2012, 48, 10328.	2.2	64
113	Scrutinizing Low-Spin Cr(II) Complexes. Inorganic Chemistry, 2012, 51, 6969-6982.	1.9	55
114	Molybdenum Site Structure of <i>Escherichia coli</i> YedY, a Novel Bacterial Oxidoreductase. Inorganic Chemistry, 2011, 50, 732-740.	1.9	21
115	Crystalline Covalent Organic Frameworks with Hydrazone Linkages. Journal of the American Chemical Society, 2011, 133, 11478-11481.	6.6	731
116	Nature of Halide Binding to the Molybdenum Site of Sulfite Oxidase. Inorganic Chemistry, 2011, 50, 9406-9413.	1.9	8
117	Postsynthetic Modification of a Metalâ€"Organic Framework for Stabilization of a Hemiaminal and Ammonia Uptake. Inorganic Chemistry, 2011, 50, 6853-6855.	1.9	194
118	Synthesis, Structure, and Carbon Dioxide Capture Properties of Zeolitic Imidazolate Frameworks. Accounts of Chemical Research, 2010, 43, 58-67.	7.6	2,268
119	Exceptional ammonia uptake by a covalent organic framework. Nature Chemistry, 2010, 2, 235-238.	6.6	829
120	Metal Insertion in a Microporous Metalâˆ'Organic Framework Lined with 2,2â€²-Bipyridine. Journal of the American Chemical Society, 2010, 132, 14382-14384.	6.6	514
121	Multiple Functional Groups of Varying Ratios in Metal-Organic Frameworks. Science, 2010, 327, 846-850.	6.0	1,607
122	Molybdenum X-ray absorption edges from 200 to 20,000eV: The benefits of soft X-ray spectroscopy for chemical speciation. Journal of Inorganic Biochemistry, 2009, 103, 157-167.	1.5	40
123	Isoreticular Metalation of Metalâˆ'Organic Frameworks. Journal of the American Chemical Society, 2009, 131, 9492-9493.	6.6	266
124	Synthesis and Characterization of Tp^{<i>i</i>Pr}MoO(S₂PR₂) (R =) Tj ETQq0 0 0 rgBT /Overlock 1 {HB(OMe)(Pr^{<i>i</i>}pz)₂}MoO(S₂PPr^{<i>i</i>}₂), Including Isomers of Known 1,2-Borotropically-Shifted Complexes. Inorganic Chemistry, 2009, 48, 1960-1966.	1.9	9
125	Mechanisms of gold biomineralization in the bacterium <i>Cupriavidus metallidurans</i>. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17757-17762.	3.3	283
126	Mo^V Electron Paramagnetic Resonance of Sulfite Oxidase Revisited: The Low-pH Chloride Signal. Inorganic Chemistry, 2008, 47, 2033-2038.	1.9	28

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127	Crystals as Molecules: Postsynthesis Covalent Functionalization of Zeolitic Imidazolate Frameworks. Journal of the American Chemical Society, 2008, 130, 12626-12627.	6.6	655
128	Electronic Structure Description of thecis-MoOS Unit in Models for Molybdenum Hydroxylases. Journal of the American Chemical Society, 2008, 130, 55-65.	6.6	58
129	A Novel Ligand Modification and Diamond-core Molybdenum(IV) 2,6-Bis(2,2-diphenyl-2-thioethyl)pyridinate(2-) Complex. Inorganic Chemistry, 2008, 47, 11166-11170.	1.9	2
130	Reticular Synthesis of Covalent Organic Borosilicate Frameworks. Journal of the American Chemical Society, 2008, 130, 11872-11873.	6.6	352
131	Chapter 5 Inorganic Molecular Toxicology and Chelation Therapy of Heavy Metals and Metalloids. Advances in Molecular Toxicology, 2008, 2, 123-152.	0.4	9
132	Interaction of Product Analogues with the Active Site ofRhodobacterSphaeroidesDimethyl Sulfoxide Reductase. Inorganic Chemistry, 2007, 46, 3097-3104.	1.9	21
133	Modified Active Site Coordination in a Clinical Mutant of Sulfite Oxidase. Journal of the American Chemical Society, 2007, 129, 9421-9428.	6.6	30
134	X-ray Absorption Spectroscopic Characterization of the Molybdenum Site ofEscherichia coliDimethyl Sulfoxide Reductase. Inorganic Chemistry, 2007, 46, 2-4.	1.9	24
135	Models for the Molybdenum Hydroxylases:Â Synthesis, Characterization and Reactivity ofcis-Oxosulfido-Mo(VI) Complexes. Journal of the American Chemical Society, 2006, 128, 305-316.	6.6	57
136	More on Molecular Mimicry in Mercury Toxicology. Chemical Research in Toxicology, 2006, 19, 1118-1120.	1.7	8
137	Structure of the Active Site of Sulfite Dehydrogenase from Starkeya novella. Inorganic Chemistry, 2006, 45, 7488-7492.	1.9	24
138	Molecular Mimicry in Mercury Toxicology. Chemical Research in Toxicology, 2006, 19, 753-759.	1.7	71
139	Oxygen Atom Transfer in Models for Molybdenum Enzymes: Isolation and Structural, Spectroscopic, and Computational Studies of Intermediates in Oxygen Atom Transfer from Molybdenum(VI) to Phosphorus(III). Chemistry - A European Journal, 2005, 11, 3255-3267.	1.7	55
140	Using softer X-ray absorption spectroscopy to probe biological systems. Journal of Synchrotron Radiation, 2005, 12, 392-401.	1.0	31
141	High-Resolution X-ray Emission Spectroscopy of Molybdenum Compounds. Inorganic Chemistry, 2005, 44, 2579-2581.	1.9	22
142	Nature of the Catalytically Labile Oxygen at the Active Site of Xanthine Oxidase. Journal of the American Chemical Society, 2005, 127, 4518-4522.	6.6	86
143	cis-Dioxomolybdenum(VI) and Oxo(phosphine oxide)molybdenum(IV) Complexes:Â Steric and Electronic Fine-Tuning ofcis-[MoOS]2+Precursors. Inorganic Chemistry, 2005, 44, 4506-4514.	1.9	31
144	Monomeric TpPrMoVOSR complexes via the chemical reduction of TpPrMoVIOSR. Journal of Inorganic Biochemistry, 2003, 96, 202.	1.5	0

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145	Atom transfer chemistry and electrochemical behavior of Mo(VI) and Mo(V) trispyrazolylborate complexes: new mononuclear and dinuclear species. Inorganica Chimica Acta, 2002, 337, 393-406.	1.2	33
146	Synthesis and Characterization of Monomeric Oxo Dichloro 1,3-Dialkylp-tert-Butylcalix[4]arene Complexes of Molybdenum(VI,V) and Tungsten(VI,V). Inorganic Chemistry, 2000, 39, 5151-5155.	1.9	13
147	Transformations Leading to the Generation of Dithiolene Ligands Initiated by Reactions of Sulfur-Rich WS(S2)(S2CNR2)2Complexes with Dimethyl Acetylenedicarboxylate and Phenylacetylene. Organometallics, 2000, 19, 5643-5653.	1.1	15
148	New Insights into the Bergâ˘'Holm Oxomolybdoenzyme Model. Journal of the American Chemical Society, 1999, 121, 6430-6436.	6.6	46