C J Doonan

List of Publications by Year in Descending Order

145 papers	13,862 citations	50 h-index	117 g-index
153 ext. papers	15,970 ext. citations	9.9 avg, IF	6.69 L-index

#	Paper	IF	Citations
145	Combining Genetically Engineered Oxidase with Hydrogen Bonded Organic Framework (HOF) for Highly Efficient Biocomposites.. *Angewandte Chemie - International Edition*, **2022**,	16.4	3
144	Enzyme-powered micromotors based on hierarchical porous MOFs. *Chinese Journal of Catalysis*, **2022**, 43, 584-585	11.3	
143	Self-Assembly of Oriented Antibody-Decorated Metal‐Organic Framework Nanocrystals for Active-Targeting Applications (Adv. Mater. 21/2022). *Advanced Materials*, **2022**, 34, 2270159	24	
142	Self-Assembly of Oriented Antibody-Decorated Metal-Organic Framework Nanocrystals for Active Targeting Applications. *Advanced Materials*, **2021**, e2106607	24	3
141	Insights into the Interaction between Immobilized Biocatalysts and Metal-Organic Frameworks: A Case Study of PCN-333.. *Jacs Au*, **2021**, 1, 2172-2181		3
140	Coordination modulated on-off switching of flexibility in a metal-organic framework. *Chemical Science*, **2021**, 12, 14893-14900	9.4	0
139	Semi-Automatic Deposition of Oriented Cu(OH)2 Nanobelts for the Heteroepitaxial Growth of Metal‐Organic Framework Films. *Advanced Materials Interfaces*, **2021**, 8, 2101039	4.6	1
138	High-Throughput Electron Diffraction Reveals a Hidden Novel Metal-Organic Framework for Electrocatalysis. *Angewandte Chemie - International Edition*, **2021**, 60, 11391-11397	16.4	9
137	High-Throughput Electron Diffraction Reveals a Hidden Novel Metal‐Organic Framework for Electrocatalysis. *Angewandte Chemie*, **2021**, 133, 11492-11498	3.6	0
136	Influence of the Synthesis and Storage Conditions on the Activity of Lipase B ZIF-8 Biocomposites. *ACS Applied Materials & Interfaces*, **2021**,	9.5	6
135	Single-Crystal-to-Single-Crystal Transformations of Metal-Organic-Framework-Supported, Site-Isolated Trigonal-Planar Cu(I) Complexes with Labile Ligands. *Inorganic Chemistry*, **2021**, 60, 11775-11783	5.1	6
134	Can 3D electron diffraction provide accurate atomic structures of metal-organic frameworks?. *Faraday Discussions*, **2021**, 225, 118-132	3.6	12
133	Unveiling the structural transitions during activation of a CO2 methanation catalyst Ru0/ZrO2 synthesised from a MOF precursor. *Catalysis Today*, **2021**, 368, 66-77	5.3	11
132	Structural modulation of the photophysical and electronic properties of pyrene-based 3D metal‐organic frameworks derived from s-block metals. *CrystEngComm*, **2021**, 23, 82-90	3.3	0
131	Towards applications of bioentities@MOFs in biomedicine. *Coordination Chemistry Reviews*, **2021**, 429, 213651	23.2	52
130	Metal-Organic Framework-Based Enzyme Biocomposites. *Chemical Reviews*, **2021**, 121, 1077-1129	68.1	107
129	Elucidating pore chemistry within metal‐organic frameworks via single crystal X-ray diffraction; from fundamental understanding to application. *CrystEngComm*, **2021**, 23, 2185-2195	3.3	1

128	MOFs and Biomacromolecules for Biomedical Applications **2021**, 379-432		
127	On the completeness of three-dimensional electron diffraction data for structural analysis of metal-organic frameworks. *Faraday Discussions*, **2021**, 231, 66-80	3.6	4
126	MOF matrix isolation: cooperative conformational mobility enables reliable single crystal transformations. *Faraday Discussions*, **2021**, 225, 84-99	3.6	7
125	Continuous-Flow Synthesis of ZIF-8 Biocomposites with Tunable Particle Size. *Angewandte Chemie*, **2020**, 132, 8200-8204	3.6	10
124	Phase dependent encapsulation and release profile of ZIF-based biocomposites. *Chemical Science*, **2020**, 11, 3397-3404	9.4	41
123	Continuous-Flow Synthesis of ZIF-8 Biocomposites with Tunable Particle Size. *Angewandte Chemie - International Edition*, **2020**, 59, 8123-8127	16.4	25
122	Isolating reactive metal-based species in Metal-Organic Frameworks - viable strategies and opportunities. *Chemical Science*, **2020**, 11, 4031-4050	9.4	34
121	In Situ MOF-Templating of Rh Nanocatalysts under Reducing Conditions. *Australian Journal of Chemistry*, **2020**, 73, 1271	1.2	3
120	Highly Active Gas Phase Organometallic Catalysis Supported Within Metal-Organic Framework Pores. *Journal of the American Chemical Society*, **2020**, 142, 13533-13543	16.4	16
119	Controlling the alignment of 1D nanochannel arrays in oriented metal-organic framework films for host-guest materials design. *Chemical Science*, **2020**, 11, 8005-8012	9.4	11
118	Modulation of metal-azolate frameworks for the tunable release of encapsulated glycosaminoglycans. *Chemical Science*, **2020**, 11, 10835-10843	9.4	18
117	Postsynthetic Metalated MOFs as Atomically Dispersed Catalysts for Hydroformylation Reactions. *ACS Applied Materials & Interfaces*, **2020**, 12, 54798-54805	9.5	6
116	A metal-organic framework supported iridium catalyst for the gas phase hydrogenation of ethylene. *Chemical Communications*, **2020**, 56, 15313-15316	5.8	4
115	Fatty acids as biomimetic replication agents for luminescent metal-organic framework patterns. *Chemical Communications*, **2020**, 56, 12733-12736	5.8	3
114	Degradation of ZIF-8 in phosphate buffered saline media. *CrystEngComm*, **2019**, 21, 4538-4544	3.3	96
113	Innentitelbild: MOF-on-MOF: Oriented Growth of Multiple Layered Thin Films of Metal□Organic Frameworks (Angew. Chem. 21/2019). *Angewandte Chemie*, **2019**, 131, 6856-6856	3.6	1
112	MOF-on-MOF: Oriented Growth of Multiple Layered Thin Films of Metal□Organic Frameworks. *Angewandte Chemie*, **2019**, 131, 6960-6964	3.6	17
111	MOF-on-MOF: Oriented Growth of Multiple Layered Thin Films of Metal-Organic Frameworks. *Angewandte Chemie - International Edition*, **2019**, 58, 6886-6890	16.4	87

110	Enzyme Encapsulation in a Porous Hydrogen-Bonded Organic Framework. *Journal of the American Chemical Society*, **2019**, 141, 14298-14305	16.4	78
109	Isomer Interconversion Studied through Single-Crystal to Single-Crystal Transformations in a Metal–Organic Framework Matrix. *Organometallics*, **2019**, 38, 3412-3418	3.8	6
108	Mineralization-Inspired Synthesis of Magnetic Zeolitic Imidazole Framework Composites. *Angewandte Chemie*, **2019**, 131, 13684-13689	3.6	2
107	Mineralization-Inspired Synthesis of Magnetic Zeolitic Imidazole Framework Composites. *Angewandte Chemie - International Edition*, **2019**, 58, 13550-13555	16.4	18
106	Tuning Packing, Structural Flexibility, and Porosity in 2D Metal–Organic Frameworks by Metal Node Choice. *Australian Journal of Chemistry*, **2019**, 72, 797	1.2	3
105	Encapsulation, Visualization and Expression of Genes with Biomimetically Mineralized Zeolitic Imidazolate Framework-8 (ZIF-8). *Small*, **2019**, 15, e1902268	11	54
104	Molecular Tectonics: A Node-and-Linker Building Block Approach to a Family of Hydrogen-Bonded Frameworks. *Chemistry - A European Journal*, **2019**, 25, 10006-10012	4.8	29
103	Gene Therapy: Encapsulation, Visualization and Expression of Genes with Biomimetically Mineralized Zeolitic Imidazolate Framework-8 (ZIF-8) (Small 36/2019). *Small*, **2019**, 15, 1970193	11	3
102	Carbohydrates@MOFs. *Materials Horizons*, **2019**, 6, 969-977	14.4	29
101	Enhanced Activity of Enzymes Encapsulated in Hydrophilic Metal-Organic Frameworks. *Journal of the American Chemical Society*, **2019**, 141, 2348-2355	16.4	190
100	Protein surface functionalisation as a general strategy for facilitating biomimetic mineralisation of ZIF-8. *Chemical Science*, **2018**, 9, 4217-4223	9.4	77
99	Biocompatibility characteristics of the metal organic framework ZIF-8 for therapeutical applications. *Applied Materials Today*, **2018**, 11, 13-21	6.6	108
98	Control of Structure Topology and Spatial Distribution of Biomacromolecules in Biocomposites. *Chemistry of Materials*, **2018**, 30, 1069-1077	9.6	101
97	Metal-Organic Frameworks for Cell and Virus Biology: A Perspective. *ACS Nano*, **2018**, 12, 13-23	16.7	159
96	Protecting-Group-Free Site-Selective Reactions in a Metal-Organic Framework Reaction Vessel. *Journal of the American Chemical Society*, **2018**, 140, 6416-6425	16.4	36
95	Influence of nanoscale structuralisation on the catalytic performance of ZIF-8: a cautionary surface catalysis study. *CrystEngComm*, **2018**, 20, 4926-4934	3.3	17
94	Green Synthesis of Three-Dimensional Hybrid N-Doped ORR Electro-Catalysts Derived from Apricot Sap. *Materials*, **2018**, 11,	3.5	6
93	Conversion of Copper Carbonate into a Metal–Organic Framework. *Chemistry of Materials*, **2018**, 30, 5630-5638	9.6	21

92	High-Throughput Screening of Metal-Organic Frameworks for Macroscale Heteroepitaxial Alignment. *ACS Applied Materials & Interfaces*, **2018**, 10, 40938-40950	9.5	13
91	A Facile Synthesis Procedure for Sulfonated Aniline Oligomers with Distinct Microstructures. *Materials*, **2018**, 11,	3.5	2
90	Mapping-Out Catalytic Processes in a Metal-Organic Framework with Single-Crystal X-ray Crystallography. *Angewandte Chemie - International Edition*, **2017**, 56, 8412-8416	16.4	60
89	Mapping-Out Catalytic Processes in a MetalOrganic Framework with Single-Crystal X-ray Crystallography. *Angewandte Chemie*, **2017**, 129, 8532-8536	3.6	18
88	Supramolecular anion recognition in water: synthesis of hydrogen-bonded supramolecular frameworks. *Chemical Science*, **2017**, 8, 3019-3025	9.4	44
87	Metal-Organic Frameworks at the Biointerface: Synthetic Strategies and Applications. *Accounts of Chemical Research*, **2017**, 50, 1423-1432	24.3	363
86	Engineering Isoreticular 2D MetalOrganic Frameworks with Inherent Structural Flexibility. *Australian Journal of Chemistry*, **2017**, 70, 566	1.2	3
85	Application of computational methods to the design and characterisation of porous molecular materials. *Chemical Society Reviews*, **2017**, 46, 3286-3301	58.5	50
84	Centimetre-scale micropore alignment in oriented polycrystalline metal-organic framework films via heteroepitaxial growth. *Nature Materials*, **2017**, 16, 342-348	27	215
83	Mixed-Matrix-Membranen. *Angewandte Chemie*, **2017**, 129, 9420-9439	3.6	49
82	An Enzyme-Coated MetalOrganic Framework Shell for Synthetically Adaptive Cell Survival. *Angewandte Chemie*, **2017**, 129, 8630-8635	3.6	27
81	Highly active catalyst for CO2 methanation derived from a metal organic framework template. *Journal of Materials Chemistry A*, **2017**, 5, 12990-12997	13	68
80	Mixed-Matrix Membranes. *Angewandte Chemie - International Edition*, **2017**, 56, 9292-9310	16.4	347
79	X-ray crystallographic insights into post-synthetic metalation products in a metal-organic framework. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **2017**, 375,	3	14
78	Study of iron oxide nanoparticle phases in graphene aerogels for oxygen reduction reaction. *New Journal of Chemistry*, **2017**, 41, 15180-15186	3.6	13
77	Molecular Insight into Assembly Mechanisms of Porous Aromatic Frameworks. *Journal of Physical Chemistry C*, **2017**, 121, 16381-16392	3.8	11
76	A Unique 3D Nitrogen-Doped Carbon Composite as High-Performance Oxygen Reduction Catalyst. *Materials*, **2017**, 10,	3.5	13
75	An Enzyme-Coated Metal-Organic Framework Shell for Synthetically Adaptive Cell Survival. *Angewandte Chemie - International Edition*, **2017**, 56, 8510-8515	16.4	120

74	Application of metal and metal oxide nanoparticles@MOFs. *Coordination Chemistry Reviews*, **2016**, 307, 237-254	23.2	380
73	Hydrogen adsorption in azolium and metalated N-heterocyclic carbene containing MOFs. *CrystEngComm*, **2016**, 18, 7003-7010	3.3	14
72	Biomimetics: Metal-Organic Framework Coatings as Cytoprotective Exoskeletons for Living Cells (Adv. Mater. 36/2016). *Advanced Materials*, **2016**, 28, 8066-8066	24	3
71	Metal-Organic Framework Coatings as Cytoprotective Exoskeletons for Living Cells. *Advanced Materials*, **2016**, 28, 7910-7914	24	192
70	Endohedrally functionalised porous organic cages. *Chemical Communications*, **2016**, 52, 8850-3	5.8	26
69	Emerging applications of metal-organic frameworks. *CrystEngComm*, **2016**, 18, 6532-6542	3.3	108
68	Site-specific metal and ligand substitutions in a microporous Mn(2+)-based metal-organic framework. *Dalton Transactions*, **2016**, 45, 4431-8	4.3	11
67	Computational identification of organic porous molecular crystals. *CrystEngComm*, **2016**, 18, 4133-4141	3.3	33
66	Enzyme encapsulation in zeolitic imidazolate frameworks: a comparison between controlled co-precipitation and biomimetic mineralisation. *Chemical Communications*, **2016**, 52, 473-6	5.8	179
65	Hetero-bimetallic metal-organic polyhedra. *Chemical Communications*, **2016**, 52, 276-9	5.8	52
64	Particle size effects in the kinetic trapping of a structurally-locked form of a flexible MOF. *CrystEngComm*, **2016**, 18, 4172-4179	3.3	21
63	Staggered pillaring: a strategy to control layer-layer packing and enhance porosity in MOFs. *Journal of Coordination Chemistry*, **2016**, 69, 1802-1811	1.6	2
62	Removal of Pertechnetate-Related Oxyanions from Solution Using Functionalized Hierarchical Porous Frameworks. *Chemistry - A European Journal*, **2016**, 22, 17581-17584	4.8	77
61	Zirconium-Based Metal-Organic Framework for Removal of Perrhenate from Water. *Inorganic Chemistry*, **2016**, 55, 8241-3	5.1	111
60	d(1) Oxosulfido-Mo(V) Compounds: First Isolation and Unambiguous Characterization of an Extended Series. *Inorganic Chemistry*, **2015**, 54, 6386-96	5.1	11
59	Continuous flow synthesis of a carbon-based molecular cage macrocycle via a three-fold homocoupling reaction. *Chemical Communications*, **2015**, 51, 14231-4	5.8	22
58	Molecular Design of Amorphous Porous Organic Cages for Enhanced Gas Storage. *Journal of Physical Chemistry C*, **2015**, 119, 7746-7754	3.8	34
57	AIMs: a new strategy to control physical aging and gas transport in mixed-matrix membranes. *Journal of Materials Chemistry A*, **2015**, 3, 15241-15247	13	55

56	ZnO as an Efficient Nucleating Agent for Rapid, Room Temperature Synthesis and Patterning of Zn-Based Metal�Organic Frameworks. *Chemistry of Materials*, **2015**, 27, 690-699	9.6	55
55	Synthesis and Applications of Porous Organic Cages. *Chemistry Letters*, **2015**, 44, 582-588	1.7	68
54	X-ray Crystallography in Open-Framework Materials. *Angewandte Chemie - International Edition*, **2015**, 54, 12860-7	16.4	64
53	R�tgenkristallographie an Materialien mit offenen Ger�ten. *Angewandte Chemie*, **2015**, 127, 13052-13059	3.6	12
52	Biomimetic mineralization of metal-organic frameworks as protective coatings for biomacromolecules. *Nature Communications*, **2015**, 6, 7240	17.4	747
51	Probing post-synthetic metallation in metal-organic frameworks: insights from X-ray crystallography. *Chemical Communications*, **2015**, 51, 5486-9	5.8	19
50	Reprogramming Kinetic Phase Control and Tailoring Pore Environments in CoII and ZnII Metal�Organic Frameworks. *Crystal Growth and Design*, **2014**, 14, 5710-5718	3.5	10
49	Post-synthetic metalation of metal-organic frameworks. *Chemical Society Reviews*, **2014**, 43, 5933-51	58.5	450
48	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, 11760-3	5.8	65
47	Capturing snapshots of post-synthetic metallation chemistry in metal-organic frameworks. *Nature Chemistry*, **2014**, 6, 906-12	17.6	151
46	Feasibility of Mixed Matrix Membrane Gas Separations Employing Porous Organic Cages. *Journal of Physical Chemistry C*, **2014**, 118, 1523-1529	3.8	72
45	Utilising hinged ligands in MOF synthesis: a covalent linking strategy for forming 3D MOFs. *CrystEngComm*, **2014**, 16, 6364-6371	3.3	7
44	Using hinged ligands to target structurally flexible copper(II) MOFs. *CrystEngComm*, **2013**, 15, 9663	3.3	22
43	Encapsulation of polyoxometalates within layered metal�organic frameworks with topological and pore control. *CrystEngComm*, **2013**, 15, 9340	3.3	6
42	Chelation-driven fluorescence deactivation in three alkali earth metal MOFs containing 2,2?-dihydroxybiphenyl-4,4?-dicarboxylate. *CrystEngComm*, **2013**, 15, 9722	3.3	9
41	Kinetically controlled porosity in a robust organic cage material. *Angewandte Chemie - International Edition*, **2013**, 52, 3746-9	16.4	122
40	Post-synthetic structural processing in a metal-organic framework material as a mechanism for exceptional CO2/N2 selectivity. *Journal of the American Chemical Society*, **2013**, 135, 10441-8	16.4	172
39	Solvent-modified dynamic porosity in chiral 3D kagome frameworks. *Dalton Transactions*, **2013**, 42, 7871-9	4.3	32

38	Kinetically Controlled Porosity in a Robust Organic Cage Material. *Angewandte Chemie*, **2013**, 125, 3834-3837	3.6	40
37	Control of framework interpenetration for in situ modified hydroxyl functionalised IRMOFs. *Chemical Communications*, **2012**, 48, 10328-30	5.8	61
36	Scrutinizing low-spin Cr(II) complexes. *Inorganic Chemistry*, **2012**, 51, 6969-82	5.1	48
35	Crystalline covalent organic frameworks with hydrazone linkages. *Journal of the American Chemical Society*, **2011**, 133, 11478-81	16.4	561
34	Nature of halide binding to the molybdenum site of sulfite oxidase. *Inorganic Chemistry*, **2011**, 50, 9406-13	5.1	8
33	Postsynthetic modification of a metal-organic framework for stabilization of a hemiaminal and ammonia uptake. *Inorganic Chemistry*, **2011**, 50, 6853-5	5.1	165
32	Molybdenum site structure of Escherichia coli YedY, a novel bacterial oxidoreductase. *Inorganic Chemistry*, **2011**, 50, 732-40	5.1	21
31	Exceptional ammonia uptake by a covalent organic framework. *Nature Chemistry*, **2010**, 2, 235-8	17.6	675
30	Metal insertion in a microporous metal-organic framework lined with 2,2Pbipyridine. *Journal of the American Chemical Society*, **2010**, 132, 14382-4	16.4	463
29	Multiple functional groups of varying ratios in metal-organic frameworks. *Science*, **2010**, 327, 846-50	33.3	1399
28	Synthesis, structure, and carbon dioxide capture properties of zeolitic imidazolate frameworks. *Accounts of Chemical Research*, **2010**, 43, 58-67	24.3	1967
27	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, 157-67	4.2	32
26	Isoreticular metalation of metal-organic frameworks. *Journal of the American Chemical Society*, **2009**, 131, 9492-3	16.4	248
25	Synthesis and characterization of TpiPrMoO(S2PR2) (R = Pri, Ph, OEt, OPri, (-)-mentholate) and {HB(OMe)(Pripz)2}MoO(S2PPri2), including isomers of known 1,2-borotropically-shifted complexes. *Inorganic Chemistry*, **2009**, 48, 1960-6	5.1	9
24	Mechanisms of gold biomineralization in the bacterium Cupriavidus metallidurans. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 17757-62	11.5	242
23	MoV electron paramagnetic resonance of sulfite oxidase revisited: the low-pH chloride signal. *Inorganic Chemistry*, **2008**, 47, 2033-8	5.1	25
22	Crystals as molecules: postsynthesis covalent functionalization of zeolitic imidazolate frameworks. *Journal of the American Chemical Society*, **2008**, 130, 12626-7	16.4	558
21	Electronic structure description of the cis-MoOS unit in models for molybdenum hydroxylases. *Journal of the American Chemical Society*, **2008**, 130, 55-65	16.4	46

20	A novel ligand modification and diamond-core molybdenum(IV) 2,6-bis(2,2-diphenyl-2-thioethyl)pyridinate(2-) complex. *Inorganic Chemistry*, **2008**, 47, 11166-70	5.1	2
19	Reticular synthesis of covalent organic borosilicate frameworks. *Journal of the American Chemical Society*, **2008**, 130, 11872-3	16.4	304
18	Chapter 5 Inorganic Molecular Toxicology and Chelation Therapy of Heavy Metals and Metalloids. *Advances in Molecular Toxicology*, **2008**, 2, 123-152	0.4	7
17	Interaction of product analogues with the active site of rhodobacter sphaeroides dimethyl sulfoxide reductase. *Inorganic Chemistry*, **2007**, 46, 3097-104	5.1	19
16	Modified active site coordination in a clinical mutant of sulfite oxidase. *Journal of the American Chemical Society*, **2007**, 129, 9421-8	16.4	28
15	X-ray absorption spectroscopic characterization of the molybdenum site of Escherichia coli dimethyl sulfoxide reductase. *Inorganic Chemistry*, **2007**, 46, 2-4	5.1	21
14	Models for the molybdenum hydroxylases: synthesis, characterization and reactivity of cis-oxosulfido-Mo(VI) complexes. *Journal of the American Chemical Society*, **2006**, 128, 305-16	16.4	54
13	More on Molecular Mimicry in Mercury Toxicology. *Chemical Research in Toxicology*, **2006**, 19, 1118-1120	4	7
12	Structure of the active site of sulfite dehydrogenase from Starkeya novella. *Inorganic Chemistry*, **2006**, 45, 7488-92	5.1	22
11	Molecular mimicry in mercury toxicology. *Chemical Research in Toxicology*, **2006**, 19, 753-9	4	62
10	High-resolution X-ray emission spectroscopy of molybdenum compounds. *Inorganic Chemistry*, **2005** , 44, 2579-81	5.1	19
9	Nature of the catalytically labile oxygen at the active site of xanthine oxidase. *Journal of the American Chemical Society*, **2005**, 127, 4518-22	16.4	77
8	cis-Dioxomolybdenum(VI) and oxo(phosphine oxide)molybdenum(IV) complexes: steric and electronic fine-tuning of cis-[MoOS]2+ precursors. *Inorganic Chemistry*, **2005**, 44, 4506-14	5.1	29
7	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, 3255-67	4.8	49
6	Using softer X-ray absorption spectroscopy to probe biological systems. *Journal of Synchrotron Radiation*, **2005**, 12, 392-401	2.4	26
5	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	2.7	32
4	Synthesis and characterization of monomeric oxo dichloro 1,3-dialkyl p-tert-butylcalix[4]arene complexes of molybdenum(VI,V) and tungsten(VI,V). *Inorganic Chemistry*, **2000**, 39, 5151-5	5.1	13
3	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	3.8	12

2	New Insights into the BergHolm Oxomolybdoenzyme Model. *Journal of the American Chemical Society*, **1999**, 121, 6430-6436	16.4	40
1	How Reproducible are Surface Areas Calculated from the BET Equation?. *Advanced Materials*,2201502	24	12