

Maria Jose Calhorda

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

287 papers	6,722 citations	42 h-index	61 g-index
298 ext. papers	7,045 ext. citations	4.3 avg, IF	5.56 L-index

#	Paper	IF	Citations
287	A lacunary tungstomolybdophosphate as an electronic pendulum: The "blue" electron under examination. <i>Journal of Chemical Physics</i> , 2021 , 154, 124301	3.9	
286	Electron-Transfer-Induced Side-Chain Cleavage in Tryptophan Facilitated through Potassium-Induced Transition-State Stabilization in the Gas Phase. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 2324-2333	2.8	2
285	Structural and Electronic Properties of Iron(0) PNP Pincer Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 1429-1435	1.3	
284	New heptacoordinate tungsten(II) complexes with β -diimine ligands in the catalytic oxidation of multifunctional olefins. <i>Inorganica Chimica Acta</i> , 2021 , 519, 120263	2.7	0
283	Effect of the 2-R-Allyl and Chloride Ligands on the Cathodic Paths of $[\text{Mo}(\beta\text{-R-allyl})(\beta\text{-diimine})(\text{CO})\text{Cl}]$ (R = H, CH; β -diimine = 6,6'-Dimethyl-2,2'-bipyridine, Bis(-tolylimino)acenaphthene). <i>Organometallics</i> , 2021 , 40, 1598-1613	3.8	0
282	New Insights on the Interaction of Phenanthroline Based Ligands and Metal Complexes and Polyoxometalates with Duplex DNA and G-Quadruplexes. <i>Molecules</i> , 2021 , 26,	4.8	4
281	Photocatalytic degradation of acetaminophen and caffeine using magnetite-hematite combined nanoparticles: kinetics and mechanisms. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 17228-17243	5.1	4
280	New luminescent tetracoordinate boron complexes: an in-depth experimental and theoretical characterisation and their application in OLEDs. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 3960-3983	6.8	3
279	Structural and electronic properties in asymmetric binuclear Zn(II) amphiphilic compounds. <i>Journal of Coordination Chemistry</i> , 2020 , 73, 634-652	1.6	
278	Luminescent halogen-substituted 2-(N-arylimino)pyrrolyl boron complexes: the internal heavy-atom effect. <i>Dalton Transactions</i> , 2020 , 49, 10185-10202	4.3	6
277	Spin Crossover in 3D Metal Centers Binding Halide-Containing Ligands: Magnetism, Structure and Computational Studies. <i>Sustainability</i> , 2020 , 12, 2512	3.6	5
276	Synthesis, Characterization, and Catalytic Reactivity of $\{\text{CoNO}\}$ PCP Pincer Complexes. <i>Organometallics</i> , 2020 , 39, 2594-2601	3.8	7
275	Computational Studies on the Binding Preferences of Molybdenum(II) Phenanthroline Complexes with Duplex DNA. The Important Role of the Ancillary Ligands. <i>Inorganic Chemistry</i> , 2020 , 59, 12711-12721	5.1	8
274	Molybdenum(II) complexes with p-substituted BIAN ligands: synthesis, characterization, biological activity and computational study. <i>Dalton Transactions</i> , 2019 , 48, 8449-8463	4.3	7
273	Directing self-assembly in solution towards improved cooperativity in Fe(III) complexes with amphiphilic tridentate ligands. <i>Dalton Transactions</i> , 2019 , 48, 4239-4247	4.3	4
272	New Molybdenum(II) Complexes with β -Diimine Ligands: Synthesis, Structure, and Catalytic Activity in Olefin Epoxidation. <i>Molecules</i> , 2019 , 24,	4.8	4
271	Boron complexes of aromatic 5-substituted iminopyrrolyl ligands: synthesis, structure, and luminescence properties. <i>Dalton Transactions</i> , 2019 , 48, 13337-13352	4.3	7

270	Synthesis and catalytic activity of Mo(II) complexes of β -diimines intercalated in layered double hydroxides. <i>Inorganica Chimica Acta</i> , 2019 , 486, 274-282	2.7	6
269	Group 6 Metal Complexes as Electrocatalysts of CO ₂ Reduction: Strong Substituent Control of the Reduction Path of [Mo(β -allyl)(CO) ₂ (x,x'-dimethyl-2,2'-bipyridine)(NCS)] (x = 4 β). <i>Organometallics</i> , 2019 , 38, 1372-1390	3.8	11
268	Selecting the spin crossover profile with controlled crystallization of mononuclear Fe(III) polymorphs. <i>Dalton Transactions</i> , 2018 , 47, 7013-7019	4.3	6
267	Accurate Description of Low-Lying Excited States in a Series of Photoreactive Clusters [Os(CO)(β -diimine)] by DFT Calculations. <i>Inorganic Chemistry</i> , 2018 , 57, 11704-11716	5.1	2
266	Irreversible Magnetic Behaviour Caused by the Thermosensitive Phenomenon in an Iron(III) Spin Crossover Complex. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2976-2983	2.3	10
265	Molybdenum(II) Complexes with β -Diimines: Catalytic Activity in Organic and Ionic Liquid Solvents. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 3922-3932	2.3	3
264	Structure, bonding and reactivity of seven-coordinate allylic Mo(II) and W(II) complexes. <i>Coordination Chemistry Reviews</i> , 2017 , 344, 83-100	23.2	12
263	Radical reactions of diamine bis(phenolate) vanadium(III) complexes. Solid state binding of O to form a vanadium(V) peroxo complex. <i>Dalton Transactions</i> , 2017 , 46, 9692-9704	4.3	4
262	Electrochemical studies and potential anticancer activity in ferrocene derivatives. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 314-327	1.6	17
261	New heterogeneous catalysts with Mo(II) intercalated in layered double hydroxides. <i>Inorganica Chimica Acta</i> , 2017 , 455, 483-488	2.7	7
260	Unravelling the dissociation pathways of acetic acid upon electron transfer in potassium collisions: experimental and theoretical studies. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 1083-1088	3.6	4
259	Violet-blue emitting 2-(N-alkylimino)pyrrolyl organoboranes: Synthesis, structure and luminescent properties. <i>Dyes and Pigments</i> , 2017 , 140, 520-532	4.6	15
258	Effects of oxygenation on the intercalation of 1,10-phenanthroline-5,6/4,7-dione between DNA base pairs: a computational study. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 16638-16649	3.6	13
257	Helical Materials with Chiral Mo(II) Catalysts. <i>Topics in Catalysis</i> , 2016 , 59, 1237-1248	2.3	4
256	Boron complexes of aromatic ring fused iminopyrrolyl ligands: synthesis, structure, and luminescence properties. <i>Dalton Transactions</i> , 2016 , 45, 15603-15620	4.3	30
255	A Mn(III) single ion magnet with tridentate Schiff-base ligands. <i>Dalton Transactions</i> , 2016 , 45, 12301-7	4.3	16
254	Heterodinuclear Ni(II) and Cu(II) Schiff base complexes and their activity in oxygen reduction. <i>Dalton Transactions</i> , 2016 , 45, 14725-33	4.3	7
253	Di- versus Trinuclear Copper(II) Cryptate for the Uptake of Dicarboxylate Anions. <i>Inorganic Chemistry</i> , 2016 , 55, 7051-60	5.1	18

252	Dynamic spin interchange in a tridentate Fe(III) Schiff-base compound. <i>Chemical Science</i> , 2016 , 7, 4251-4258	2.4	34
251	Opening the Way to Catalytic Aminopalladation/Proxycyclic Dehydropalladation: Access to Methylidene Lactams. <i>Organic Letters</i> , 2016 , 18, 1020-3	6.2	10
250	Mechanistic Study of the Direct Intramolecular Allylic Amination Reaction Catalyzed by Palladium(II). <i>ACS Catalysis</i> , 2016 , 6, 1772-1784	13.1	15
249	Reaction of Ph ₂ P(CH ₂) _n PPh ₂ (n=1, 3, 5) with elemental tellurium and comparison with members of even-numbered series. <i>Inorganica Chimica Acta</i> , 2016 , 443, 230-234	2.7	1
248	Porous materials as delivery and protective agents for Vitamin A. <i>RSC Advances</i> , 2016 , 6, 66495-66504	3.7	6
247	A theoretical study of methylation and CH/π Interactions in DNA intercalation: methylated 1,10-phenanthroline in adenine-thymine base pairs. <i>RSC Advances</i> , 2016 , 6, 85891-85902	3.7	17
246	Synthesis and reactivity of TADDOL-based chiral Fe(II) PNP pincer complexes-solution equilibria between (P)P,N- and (B)P,N,P-bound PNP pincer ligands. <i>Dalton Transactions</i> , 2015 , 44, 13071-86	4.3	13
245	Catalytic Activity of Molybdenum(II) Complexes in Homogeneous and Heterogeneous Conditions. <i>Organometallics</i> , 2015 , 34, 1465-1478	3.8	16
244	Preference for sulfoxide S- or O-bonding to 3d transition metals: DFT insights. <i>Journal of Organometallic Chemistry</i> , 2015 , 792, 167-176	2.3	8
243	Asymmetric binuclear Ni(II) and Cu(II) Schiff base metallopolymer. <i>RSC Advances</i> , 2015 , 5, 39495-39504	3.7	3
242	Comparing spectroscopic and electrochemical properties of complexes of type Cp ₂ M(1,5-C ₃ H ₅)(CO) ₂ (Cp = Cp, Ind, Flu): A complementary experimental and DFT study. <i>Journal of Organometallic Chemistry</i> , 2015 , 792, 154-166	2.3	6
241	Luminescent Di- and Trinuclear Boron Complexes Based on Aromatic Iminopyrrolyl Spacer Ligands: Synthesis, Characterization, and Application in OLEDs. <i>Chemistry - A European Journal</i> , 2015 , 21, 9133-49	4.8	40
240	How the intercalation of phenanthroline affects the structure, energetics, and bond properties of DNA base pairs: theoretical study applied to adenine-thymine and guanine-cytosine tetramers. <i>Journal of Chemical Theory and Computation</i> , 2015 , 11, 2714-28	6.4	22
239	Fe(III) salen derived Schiff base complexes as potential contrast agents. <i>Inorganica Chimica Acta</i> , 2015 , 432, 258-266	2.7	9
238	Molybdenum(II) catalyst precursors in olefin oxidation reactions. <i>Inorganica Chimica Acta</i> , 2015 , 431, 122-131	2.7	12
237	Wittig Reaction: Domino Olefination and Stereoselectivity DFT Study. Synthesis of the Miharamycins' Bicyclic Sugar Moiety. <i>Organic Letters</i> , 2015 , 17, 5622-5	6.2	10
236	Complex internal rearrangement processes triggered by electron transfer to acetic acid. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 012002	0.3	
235	Pore size matters! Helical heterogeneous catalysts in olefin oxidation. <i>Applied Catalysis A: General</i> , 2015 , 504, 328-337	5.1	6

234	Vanadyl cationic complexes as catalysts in olefin oxidation. <i>Dalton Transactions</i> , 2015 , 44, 5125-38	4.3	40
233	Unveiling the dual role of the cholinium hexanoate ionic liquid as solvent and catalyst in suberin depolymerisation. <i>RSC Advances</i> , 2014 , 4, 2993-3002	3.7	34
232	Tunable fluorophores based on 2-(N-arylimino)pyrrolyl chelates of diphenylboron: synthesis, structure, photophysical characterization, and application in OLEDs. <i>Chemistry - A European Journal</i> , 2014 , 20, 4126-40	4.8	33
231	Dinuclear Zinc π -Heterocyclic Carbene Complexes for Either the Controlled Ring-Opening Polymerization of Lactide or the Controlled Degradation of Polylactide Under Mild Conditions. <i>ChemCatChem</i> , 2014 , 6, n/a-n/a	5.2	18
230	Solvent-dependent formation of Os(0) complexes by electrochemical reduction of [Os(CO)(2,2'-bipyridine)(L)Cl ₂]; L = Cl(-), PrCN. <i>Inorganic Chemistry</i> , 2014 , 53, 1382-96	5.1	10
229	Six-coordinate high-spin iron(II) complexes with bidentate PN ligands based on 2-aminopyridine - new Fe(II) spin crossover systems. <i>Dalton Transactions</i> , 2014 , 43, 11152-64	4.3	10
228	Successful oxidation of Ph ₂ P(CH ₂) _n PPh ₂ (n = 2, 4, 6) by tellurium leading to Ph ₂ P(Te)(CH ₂) _n P(Te)Ph ₂ . <i>RSC Advances</i> , 2014 , 4, 15428	3.7	7
227	Synthesis, cytotoxic and hydrolytic studies of titanium complexes anchored by a tripodal diamine bis(phenolate) ligand. <i>Dalton Transactions</i> , 2014 , 43, 17422-33	4.3	17
226	CNN pincer ruthenium catalysts for hydrogenation and transfer hydrogenation of ketones: experimental and computational studies. <i>Chemistry - A European Journal</i> , 2014 , 20, 13603-17	4.8	42
225	Cationic Half-Sandwich Iron(II) and Iron(III) Complexes with N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2014 , 33, 5670-5677	3.8	29
224	One-Electron Oxidation of ReCp(CO) ₂ L (L = PPh ₃ , η -2-Butene, η -Diphenylacetylene): Electrochemical, Spectroscopic, and Computational Studies of the Electronic Properties and Dimerization Tendencies of 17-Electron Rhenium Complexes. <i>Organometallics</i> , 2014 , 33, 4706-4715	3.8	5
223	Four- and five-coordinate high-spin iron(II) complexes bearing bidentate soft/hard SN ligands based on 2-aminopyridine. <i>Polyhedron</i> , 2014 , 81, 45-55	2.7	4
222	Influence of activated carbons porous structure on iopamidol adsorption. <i>Carbon</i> , 2014 , 77, 607-615	10.4	21
221	New Mo(II) complexes in MCM-41 and silica: Synthesis and catalysis. <i>Journal of Organometallic Chemistry</i> , 2014 , 751, 443-452	2.3	12
220	Can self-assembly of copper(II) picolinamide building blocks be controlled?. <i>CrystEngComm</i> , 2013 , 15, 8074	3.3	9
219	Charge parametrization of the DvH-c3 heme group: validation using constant-(pH,E) molecular dynamics simulations. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 70-82	3.4	17
218	Mo(II) complexes of 8-aminoquinoline and their immobilization in MCM-41. <i>Applied Catalysis A: General</i> , 2013 , 455, 172-182	5.1	12
217	Tris(organotin)tungstogermanate, a Sandwich Organometallic Derivative of a Keggin-Type Polyoxometalate: Synthesis and DFT Study. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 1713-1719	7.3	14

216	Cytotoxicities of Polysubstituted Chlorodicarbonyl(cyclopentadienyl) and (Indenyl)ruthenium Complexes. <i>Organometallics</i> , 2013 , 32, 3012-3017	3.8	4
215	Toward the understanding of radical reactions: experimental and computational studies of titanium(III) diamine bis(phenolate) complexes. <i>Inorganic Chemistry</i> , 2013 , 52, 9427-39	5.1	15
214	Sulfoxide Redox Chemistry with Molybdenum Catalysts 2013 , 305-314		
213	Structural preferences and isomerism in nickel(II) and copper(II) complexes with 3-hydroxypicolinic acid. <i>Polyhedron</i> , 2012 , 39, 66-75	2.7	9
212	An Oligosilsesquioxane Cage Functionalized with Molybdenum(II) Organometallic Fragments. <i>Organometallics</i> , 2012 , 31, 4495-4503	3.8	27
211	Photophysical properties of iminopyrrolyl boron complexes: a DFT interpretation. <i>Dalton Transactions</i> , 2012 , 41, 13210-7	4.3	22
210	1,1'-Bis(diphenylphosphino)ferrocene bridging two mono(cyclopentadienyl) cobalt moieties: Synthesis, structure, electrochemistry and DFT studies. <i>Journal of Organometallic Chemistry</i> , 2012 , 712, 52-56	2.3	3
209	Electronic Structure of Ytterbium Bis-indenyl and -cyclopentadienyl Diimine Complexes: A DFT and MS-CASPT2 Investigation. <i>Organometallics</i> , 2012 , 31, 4693-4700	3.8	11
208	Electronic structure and properties of camphorimine Cu(I) coordination polymers. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 1102-1110	2.5	9
207	Syntheses and photophysical properties of new iminopyrrolyl boron complexes and their application in efficient single-layer non-doped OLEDs prepared by spin coating. <i>Dalton Transactions</i> , 2012 , 41, 8502-5	4.3	50
206	Unveiling the Mechanisms of Catalytic Oxidation Reactions Mediated by Oxo-Molybdenum Complexes: A Computational Overview. <i>Current Organic Chemistry</i> , 2012 , 16, 65-72	1.7	22
205	Synthesis of tetrahydronaphthalene lignan esters by intramolecular cyclization of ethyl p-azidophenyl-2-phenylalkanoates and evaluation of the growth inhibition of human tumor cell lines. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 3175-87	8.3	16
204	Reversible Addition of CO to Coordinatively Unsaturated High-Spin Iron(II) Complexes. <i>Organometallics</i> , 2011 , 30, 6587-6601	3.8	18
203	A novel application of mesoporous silica material for extraction of pesticides. <i>Materials Letters</i> , 2011 , 65, 1357-1359	3.3	14
202	Benzene and heterocyclic rings formation in cycloaddition reactions catalyzed by RuCp derivatives: DFT studies. <i>Inorganica Chimica Acta</i> , 2011 , 374, 24-35	2.7	18
201	Indenyl effect in dissociative reactions. Nucleophilic substitution in iron carbonyl complexes: a case study. <i>Dalton Transactions</i> , 2011 , 40, 11138-46	4.3	16
200	Chemoselective Sulfide and Sulfoxide Oxidations by CpMo(CO) ₃ Cl/HOOR: a DFT Mechanistic Study. <i>Organometallics</i> , 2011 , 30, 1454-1465	3.8	24
199	Indenyl ring slippage in crown thioether complexes [IndMo(CO) ₂ L] ⁺ and C-S activation of trithiacyclononane: experimental and theoretical studies. <i>Dalton Transactions</i> , 2011 , 40, 10513-25	4.3	17

198	Coordination-driven self-assembly of thiocyanate complexes of Co(II), Ni(II) and Cu(II) with picolinamide: a structural and DFT study. <i>CrystEngComm</i> , 2011 , 13, 5863	3.3	35
197	Reaction of Spiro[2.4]hepta-4,6-diene with Molybdenum(II) Indenyl Compounds: Effects of Substitution in the Indenyl Ligand. <i>Organometallics</i> , 2011 , 30, 717-725	3.8	15
196	Synthesis and properties of new Mo(II) complexes with N-heterocyclic and ferrocenyl ligands. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 2142-2152	2.3	9
195	Pyridine Carboxylate Complexes of Mo(II) as Active Catalysts in Homogeneous and Heterogeneous Olefin Epoxidation. <i>Current Inorganic Chemistry</i> , 2011 , 1, 146-155		13
194	Highly Efficient Reduction of Sulfoxides with the System Borane/Oxo-rhenium Complexes. <i>Organometallics</i> , 2010 , 29, 5517-5525	3.8	61
193	Disappearing and Concomitant Polymorphism of Nickel(II) Complexes with 6-Hydroxypicolinic Acid. Structural and Density Functional Theory Studies. <i>Crystal Growth and Design</i> , 2010 , 10, 3685-3693	3.5	14
192	Heteropolynuclear gold complexes with metallophilic interactions: modulation of the luminescent properties. <i>Inorganic Chemistry</i> , 2010 , 49, 8255-69	5.1	56
191	Olefin Epoxidation Catalyzed by η^5 -Cyclopentadienyl Molybdenum Compounds: A Computational Study. <i>Organometallics</i> , 2010 , 29, 303-311	3.8	75
190	Chemoselectivity as a delineator of cuprate structure in catalytic 1,4-addition of diorganozinc reagents to Michael acceptors. <i>Chemistry - A European Journal</i> , 2010 , 16, 5620-9	4.8	19
189	Mo(II) complexes: a new family of cytotoxic agents?. <i>Journal of Inorganic Biochemistry</i> , 2010 , 104, 1171-74.2		30
188	The effect of immobilization on the catalytic activity of molybdenum η^5 -allyldicarbonyl complexes with nitrogen donor ligands bearing NMe ₂ groups. <i>Journal of Molecular Catalysis A</i> , 2010 , 321, 92-100		18
187	Silver(I) and copper(I) complexes with ferrocenyl ligands bearing imidazole or pyridyl substituents. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 558-566	2.3	7
186	The role of cyclopentadienyl versus indenyl in Mo(II) spirodiene complexes reactivity: A DFT mechanistic study. <i>Inorganica Chimica Acta</i> , 2010 , 363, 555-561	2.7	6
185	Mapping the Mechanism of Nickel-Ferrophite Catalysed Methylation of Baylis-Hillman-Derived SN2? Electrophiles. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 898-903	3.2	10
184	Activity of Mo(II) allylic complexes supported in MCM-41 as oxidation catalysts precursors. <i>Microporous and Mesoporous Materials</i> , 2009 , 117, 670-677	5.3	22
183	Influence of the ligand donor atoms on the in vitro stability of rhenium(II) and technetium (II)-99m complexes with pyrazole-containing chelators: Experimental and DFT studies. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 950-958	2.3	17
182	Soluble redox-active polymetallic chains [{RuO(CO)(L)(bpy)} _m](n) (bpy = 2,2'-bipyridine, L = PrCN, Cl ⁻ ; m = 0, -1): electrosynthesis and characterization. <i>Inorganic Chemistry</i> , 2009 , 48, 8233-44	5.1	17
181	Kinetic Studies on the Oxidation of η^5 -Cyclopentadienyl Methyl Tricarbonyl Molybdenum(II) and the Use of Its Oxidation Products as Olefin Epoxidation Catalysts. <i>Organometallics</i> , 2009 , 28, 639-645	3.8	64

180	Synthesis, structure, and photophysical characterization of blue-green luminescent zinc complexes containing 2-iminophenanthropyrryl ligands. <i>Inorganic Chemistry</i> , 2009 , 48, 11176-86	5.1	65
179	MoO ₂ Cl ₂ as a Novel Catalyst for C≡C Bond Formation and for Hydrophosphonylation of Aldehydes. <i>Organometallics</i> , 2009 , 28, 6206-6212	3.8	71
178	Expanding the role of oxo-molybdenum(VI) catalysts: a DFT interpretation of X-H activation leading to reduction or oxidation. <i>Dalton Transactions</i> , 2009 , 8155-61	4.3	29
177	Striking Differences between the Solution and Solid-State Reactivity of Iron PNP Pincer Complexes with Carbon Monoxide. <i>Organometallics</i> , 2009 , 28, 6902-6914	3.8	50
176	Pseudopolymorphism in Nickel(II) Complexes with 6-Methylpicolinate. Synthesis, Structural, Spectroscopic, Thermal, and Density Functional Theory Studies. <i>Crystal Growth and Design</i> , 2008 , 8, 3465-3473	3.5	23
175	[Re(eta(5)-C ₅ H ₅)(CO) ₃] ⁺ family of 17-electron compounds: monomer/dimer equilibria and other reactions. <i>Journal of the American Chemical Society</i> , 2008 , 130, 2692-703	16.4	66
174	Heptacoordinate tricarbonyl Mo(II) complexes as highly selective oxidation homogeneous and heterogeneous catalysts. <i>Journal of Catalysis</i> , 2008 , 256, 301-311	7.3	45
173	Photoinduced bond cleavage in CH ₃ ReO ₃ : excited state dynamics. <i>New Journal of Chemistry</i> , 2008 , 32, 1904	3.6	6
172	Weak π -Olefin Bonding in Palladium and Platinum Allyl Cationic Complexes Containing Chiral Monodentate Ligands with π -Phenyl Methyl Amine Side Chains. <i>Organometallics</i> , 2008 , 27, 2949-2958	3.8	13
171	Immobilisation of π -Allyldicarbonyl Complexes of Mo(II) with Bidentate Nitrogen Ligands within Aluminium-Pillared Clays. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 1147-1156	2.3	11
170	Nitrogen donor ligands bearing NHC groups: Effect on catalytic and cytotoxic activity of molybdenum π -allyldicarbonyl complexes. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 3411-3418	2.3	31
169	Synthesis and properties of new trinuclear Mo(II) complexes containing imidazole and benzimidazole ferrocene units. <i>Inorganica Chimica Acta</i> , 2008 , 361, 1584-1596	2.7	21
168	Synthesis and characterisation of organo-silica hydrophobic clay heterostructures for volatile organic compounds removal. <i>Microporous and Mesoporous Materials</i> , 2008 , 111, 612-619	5.3	54
167	Synthesis and catalytic properties of manganese(II) and oxovanadium(IV) complexes anchored to mesoporous MCM-41. <i>Microporous and Mesoporous Materials</i> , 2008 , 112, 14-25	5.3	21
166	Hydrogen activation by high-valent oxo-molybdenum(VI) and -rhenium(VII) and -(V) compounds. <i>Dalton Transactions</i> , 2008 , 1727-33	4.3	71
165	Mixed-Ligand Rhenium Tricarbonyl Complexes Anchored on a (π -H,S) Trihydro(mercaptoimidazolyl)borate: A Missing Binding Motif for Soft Scorpionates. <i>Organometallics</i> , 2008 , 27, 1334-1337	3.8	14
164	Geometry Optimization of a Ru(IV) Allyl Dicationic Complex: A DFT Failure?. <i>Journal of Chemical Theory and Computation</i> , 2007 , 3, 665-70	6.4	15
163	A new look at the ylidic bond in phosphorus ylides and related compounds: energy decomposition analysis combined with a domain-averaged fermi hole analysis. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 2859-69	2.8	25

162	Hyperelectronic Metal-Carborane Analogues of Cymantrene (MnCp(CO) ₃) Anions: Electronic and Structural Noninnocence of the Tricarbadeboranyl Ligand. <i>Organometallics</i> , 2007 , 26, 4471-4482	3.8	20
161	Catalyzing aldehyde hydrosilylation with a molybdenum(VI) complex: a density functional theory study. <i>Chemistry - A European Journal</i> , 2007 , 13, 3934-41	4.8	66
160	Vibrational study on the local structure of post-synthesis and hybrid mesoporous materials: are there fundamental distinctions?. <i>Chemistry - A European Journal</i> , 2007 , 13, 7874-82	4.8	17
159	Pyridine Carboxylate Complexes of MoII as Active Catalysts in Homogeneous and Heterogeneous Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 2917-2925	2.3	30
158	Can five-membered Te ₂ N ₂ S rings be considered aromatic?. <i>Structural Chemistry</i> , 2007 , 18, 841-847	1.8	3
157	Loading and delivery of sertraline using inorganic micro and mesoporous materials. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007 , 66, 357-65	5.7	95
156	Molybdenum B-Allyl Dicarboxyl Complexes as a New Class of Precursors for Highly Reactive Epoxidation Catalysts with tert-Butyl Hydroperoxide. <i>Organometallics</i> , 2007 , 26, 5548-5556	3.8	73
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28	Molecular orbital calculations on model $\text{Fe}(\text{CO})_2\text{L}(\eta^5\text{-4-enone})$ complexes with L = CO, PH ₃ , and P(OH) ₃ . Electronic and steric effects in $\text{Fe}(\text{CO})_2\text{L}(\eta^5\text{-4-benzylideneacetone})$. <i>Organometallics</i> , 1990 , 9, 1060-1067	3.8	14
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25	Some new cyano and isonitrile complexes of $\text{Mo}(\eta^5\text{-C}_5\text{H}_5)_2$. <i>Polyhedron</i> , 1989 , 8, 1802-1803	2.7	7
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10	Enthalpies of formation of complexes [M(η -C ₅ H ₅) ₂ (SR) ₂] (M = Mo, W, or Ti; R = C ₃ H ₇ , C ₄ H ₉ , or C ₆ H ₅); metal-sulphur bond enthalpies. <i>Journal of the Chemical Society Dalton Transactions</i> , 1984 , 2659-2663		10
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