

Albert Poater

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.

240
papers

9,115
citations

53
h-index

86
g-index

267
ext. papers

10,618
ext. citations

5.7
avg, IF

6.51
L-index

#	Paper	IF	Citations
240	Molecular modelling aided catalyst design for PAO oils hydrofinishing. <i>Journal of Molecular Liquids</i> , 2022 , 352, 118675	6	4
239	Unveiling the complexity of the dual gold(I) catalyzed intermolecular hydroamination of alkynes leading to vinylazoles. <i>Molecular Catalysis</i> , 2022 , 518, 112090	3.3	0
238	Zwitterionic Aromaticity on Azulene Extrapolated to carbo-Azulene. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 6450	3.2	1
237	Guidelines for Tuning the Excited State Hückel-Baird Hybrid Aromatic Character of Pro-Aromatic Quinoidal Compounds**. <i>Angewandte Chemie</i> , 2021 , 133, 10343-10353	3.6	2
236	Guidelines for Tuning the Excited State Hückel-Baird Hybrid Aromatic Character of Pro-Aromatic Quinoidal Compounds*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 10255-10265	16.4	9
235	Phosphine-Free Ruthenium Complex-Catalyzed Synthesis of Mono- or Dialkylated Acyl Hydrazides via the Borrowing Hydrogen Strategy. <i>Journal of Organic Chemistry</i> , 2021 , 86, 6813-6825	4.2	3
234	Carbo-mer of Barrelene: A Rigid 3D-Carbon-Expanded Molecular Barrel. <i>Chemistry - A European Journal</i> , 2021 , 27, 9286-9291	4.8	1
233	Pd on nitrogen rich polymer/halloysite nanocomposite as an environmentally benign and sustainable catalyst for hydrogenation of polyalphaolefin based lubricants. <i>Journal of Industrial and Engineering Chemistry</i> , 2021 , 97, 441-451	6.3	14
232	Double-Carrousel Mechanism for Mn-Catalyzed Dehydrogenative Amide Synthesis from Alcohols and Amines. <i>ACS Catalysis</i> , 2021 , 11, 6155-6161	13.1	6
231	Fluxional bis(phenoxy-imine) Zr and Ti catalysts for polymerization. <i>Theoretical Chemistry Accounts</i> , 2021 , 140, 1	1.9	
230	Experimental and DFT study on titanium-based half-sandwich metallocene catalysts and their application for production of 1-hexene from ethylene. <i>Molecular Catalysis</i> , 2021 , 509, 111636	3.3	2
229	Towards Dual-Metal Catalyzed Hydroalkoxylation of Alkynes. <i>Catalysts</i> , 2021 , 11, 704	4	2
228	Iron-catalyzed chemoselective hydride transfer reactions. <i>Tetrahedron</i> , 2021 , 90, 132187	2.4	1
227	Combined experimental and computational study on the role of ionic liquid containing ligand in the catalytic performance of halloysite-based hydrogenation catalyst. <i>Journal of Molecular Liquids</i> , 2021 , 331, 115740	6	13
226	Towards mild conditions by predictive catalysis via sterics in the Ru-catalyzed hydrogenation of thioesters. <i>Molecular Catalysis</i> , 2021 , 510, 111692	3.3	4
225	Ruthenium-Catalyzed Three-Component Alkylation: A Tandem Approach to the Synthesis of Nonsymmetric N,N-Dialkyl Acyl Hydrazides with Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 4009-4017	5.6	2
224	Chelation enforcing a dual gold configuration in the catalytic hydroxyphenoxylation of alkynes. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6362	3.1	3

223	Exploring the potential of group III salen complexes for the conversion of CO ₂ under ambient conditions. <i>Catalysis Today</i> , 2021 , 375, 324-334	5.3	15
222	Cycloaddition of CO ₂ to epoxides by highly nucleophilic 4-aminopyridines: establishing a relationship between carbon basicity and catalytic performance by experimental and DFT investigations. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 613-627	5.2	17
221	Efficient hydro-finishing of polyalphaolefin based lubricants under mild reaction condition using Pd on ligands decorated halloysite. <i>Journal of Colloid and Interface Science</i> , 2021 , 581, 939-953	9.3	29
220	An unprecedented electronic circuit involving an odd number of carbon atoms in a grossly warped non-planar nanographene. <i>Chemical Communications</i> , 2021 , 57, 3087-3090	5.8	5
219	Suzuki-Miyaura Cross-Coupling of Esters by Selective O-C(O) Cleavage Mediated by Air- and Moisture-Stable [Pd(NHC)(ECI)Cl] Precatalysts: Catalyst Evaluation and Mechanism. <i>Catalysis Science and Technology</i> , 2021 , 11, 3189-3197	5.5	8
218	Aminomethylpyridinequinones as new ligands for PEPPSI-type complexes. <i>Arkivoc</i> , 2021 , 2021, 138-156	0.9	3
217	1-Decene oligomerization by new complexes bearing diamine-diphenolates ligands: Effect of ligand structure. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6227	3.1	7
216	Mechanistic Aspects of the Palladium-Catalyzed Suzuki-Miyaura Cross-Coupling Reaction. <i>Chemistry - A European Journal</i> , 2021 , 27, 13481-13493	4.8	18
215	Frontispiece: Mechanistic Aspects of the Palladium-Catalyzed Suzuki-Miyaura Cross-Coupling Reaction. <i>Chemistry - A European Journal</i> , 2021 , 27,	4.8	2
214	Review on the Use of Heavy Metal Deposits from Water Treatment Waste towards Catalytic Chemical Syntheses.. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
213	Cyclopropenylidene phosphoranes: Rearrangement to Azetidinylidene-Methylphosphoniums. <i>Journal of Organic Chemistry</i> , 2020 , 85, 7452-7458	4.2	
212	Coordinative chain transfer polymerization of 1-decene in the presence of a Ti-based diamine bis(phenolate) catalyst: a sustainable approach to produce low viscosity PAOs. <i>Green Chemistry</i> , 2020 , 22, 4617-4626	10	17
211	Mechanism of the Facile Nitrous Oxide Fixation by Homogeneous Ruthenium Hydride Pincer Catalysts. <i>Inorganic Chemistry</i> , 2020 , 59, 9374-9383	5.1	8
210	Arene vs. Alkene Substrates in Ru-Catalyzed Olefin Metathesis: a DFT Investigation. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 4743-4749	3.2	3
209	MOF Encapsulation of Ru Olefin Metathesis Catalysts to Block Catalyst Decomposition. <i>Catalysts</i> , 2020 , 10, 687	4	4
208	Amino acid ionic liquids as potential candidates for CO ₂ capture: Combined density functional theory and molecular dynamics simulations. <i>Chemical Physics Letters</i> , 2020 , 745, 137239	2.5	38
207	Docking of tetra-methyl zirconium to the surface of silica: a well-defined pre-catalyst for conversion of CO to cyclic carbonates. <i>Chemical Communications</i> , 2020 , 56, 3528-3531	5.8	9
206	Hydrogenation of CO ₂ , Hydrogenocarbonate, and Carbonate to Formate in Water using Phosphine Free Bifunctional Iron Complexes. <i>ACS Catalysis</i> , 2020 , 10, 2108-2116	13.1	24

205	Core carbo-mer of an Extended Tetrathiafulvalene: Redox-Controlled Reversible Conversion to a carbo-Benzenic Dication. <i>Chemistry - A European Journal</i> , 2020 , 26, 10707-10711	4.8	6
204	Regio, stereo and chemoselectivity of 2nd generation Grubbs ruthenium-catalyzed olefin metathesis. <i>Catalysis Today</i> , 2020 , 388-389, 394-394	5.3	6
203	Phenoxylation of Alkynes through Mono- and Dual Activation Using Group 11 (Cu, Ag, Au) Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 1123-1134	2.3	4
202	Base-controlled product switch in the ruthenium-catalyzed protodecarbonylation of phthalimides: a mechanistic study. <i>Catalysis Science and Technology</i> , 2020 , 10, 180-186	5.5	7
201	Buchwald-Hartwig cross-coupling of amides (transamidation) by selective N(O) cleavage mediated by air- and moisture-stable [Pd(NHC)(allyl)Cl] precatalysts: catalyst evaluation and mechanism. <i>Catalysis Science and Technology</i> , 2020 , 10, 710-716	5.5	35
200	Unprecedented Selectivity of Ruthenium Iodide Benzylidenes in Olefin Metathesis Reactions. <i>Angewandte Chemie</i> , 2020 , 132, 3567-3571	3.6	5
199	Unprecedented Selectivity of Ruthenium Iodide Benzylidenes in Olefin Metathesis Reactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3539-3543	16.4	16
198	Do Carbon Nano-onions Behave as Nanoscopic Faraday Cages? A Comparison of the Reactivity of C, C@C, Li@C, Li@C, and Li@C@C. <i>Chemistry - A European Journal</i> , 2020 , 26, 804-808	4.8	7
197	Interaction of common cocatalysts in Ziegler-Natta-catalyzed olefin polymerization. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5333	3.1	18
196	The influence of the pH on the reaction mechanism of water oxidation by a Ru(bda) catalyst. <i>Catalysis Today</i> , 2020 , 358, 278-283	5.3	7
195	Group IV diamine bis(phenolate) catalysts for 1-decene oligomerization. <i>Molecular Catalysis</i> , 2020 , 493, 111047	3.3	10
194	Michael Acceptors Tuned by the Pivotal Aromaticity of Histidine to Block COVID-19 Activity. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 6262-6265	6.4	11
193	Plasticity of NHCs on the Ruthenium-Phosphine and Ruthenium-Ylidene Bonds in Olefin Metathesis Catalysts. <i>Organometallics</i> , 2020 , 39, 3972-3982	3.8	4
192	[Pd(NHC)(ECI)Cl]: Versatile and Highly Reactive Complexes for Cross-Coupling Reactions that Avoid Formation of Inactive Pd(I) Off-Cycle Products. <i>IScience</i> , 2020 , 23, 101377	6.1	24
191	Allyl Monitorization of the Regioselective Pd-Catalyzed Annulation of Alkylaryl Aryl Ethers Leading to Bismethylenechromanes. <i>Journal of Organic Chemistry</i> , 2020 , 85, 12262-12269	4.2	3
190	Intertwined chemistry of hydroxyl hydrogen-bond donors, epoxides and isocyanates in the organocatalytic synthesis of oxazolidinones versus isocyanurates: rational catalytic investigation and mechanistic understanding. <i>Catalysis Science and Technology</i> , 2020 , 10, 5544-5558	5.5	8
189	Metathesis of Classical and Functionalized Olefins Catalyzed by Silica-Supported Single-Site Well-Defined W and Mo Pre-catalysts. <i>ChemCatChem</i> , 2020 , 12, 6067-6075	5.2	4
188	Understanding the performance of a bisphosphonate Ru water oxidation catalyst. <i>Dalton Transactions</i> , 2020 , 49, 14052-14060	4.3	8

187	Mechanism of the Manganese-Pincer-Catalyzed Acceptorless Dehydrogenative Coupling of Nitriles and Alcohols. <i>Journal of the American Chemical Society</i> , 2019 , 141, 2398-2403	16.4	50
186	Towards the online computer-aided design of catalytic pockets. <i>Nature Chemistry</i> , 2019 , 11, 872-879	17.6	350
185	Diastereoselective diazenyl formation: the key for manganese-catalysed alcohol conversion into (E)-alkenes. <i>Dalton Transactions</i> , 2019 , 48, 14122-14127	4.3	15
184	Effect of Exocyclic Substituents and System Length on the Electronic Structure of Chichibabin Diradical(oid)s. <i>ACS Omega</i> , 2019 , 4, 10845-10853	3.9	6
183	Quantifying electronic similarities between NHC-gold(i) complexes and their isolobal imidazolium precursors. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 15615-15622	3.6	7
182	Room-Temperature Chemoselective Reductive Alkylation of Amines Catalyzed by a Well-Defined Iron(II) Complex Using Hydrogen. <i>Journal of Organic Chemistry</i> , 2019 , 84, 6813-6829	4.2	15
181	Study of the effect of the ligand structure on the catalytic activity of Pd@ ligand decorated halloysite: Combination of experimental and computational studies. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4891	3.1	41
180	Decomposition of the electronic activity in competing [5,6] and [6,6] cycloaddition reactions between C and cyclopentadiene. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 5039-5048	3.6	7
179	Electronic effects in mixed N-heterocyclic carbene/phosphite indenylidene ruthenium metathesis catalysts. <i>Dalton Transactions</i> , 2019 , 48, 11326-11337	4.3	6
178	Mechanism of Coupling of Alcohols and Amines To Generate Aldimines and H ₂ by a Pincer Manganese Catalyst. <i>ACS Catalysis</i> , 2019 , 9, 1662-1669	13.1	47
177	Axial Ligand Effects of Ru-BDA Complexes in the O-O Bond Formation via the I2M Bimolecular Mechanism in Water Oxidation Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2101-2108	2.3	18
176	Computational Monitoring of Oxidation States in Olefin Metathesis. <i>Organometallics</i> , 2019 , 38, 4585-4592	3.8	12
175	Synthesis of well-defined yttrium-based Lewis acids by capturing a reaction intermediate and catalytic application for cycloaddition of CO ₂ to epoxides under atmospheric pressure. <i>Catalysis Science and Technology</i> , 2019 , 9, 6152-6165	5.5	31
174	Revisiting O-O Bond Formation through Outer-Sphere Water Molecules versus Bimolecular Mechanisms in Water-Oxidation Catalysis (WOC) by Cp*Ir Based Complexes. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2093-2100	2.3	4
173	Assessing the pK _a -Dependent Activity of Hydroxyl Hydrogen Bond Donors in the Organocatalyzed Cycloaddition of Carbon Dioxide to Epoxides: Experimental and Theoretical Study. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 366-373	5.6	61
172	Ligand-Controlled Chemoselective C(acyl)-O Bond vs C(aryl)-C Bond Activation of Aromatic Esters in Nickel Catalyzed C(sp)-C(sp) Cross-Couplings. <i>Journal of the American Chemical Society</i> , 2018 , 140, 3724-3735	16.4	114
171	Theoretical characterization of sulfur-to-selenium substitution in an emissive RNA alphabet: impact on H-bonding potential and photophysical properties. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 7676-7685	2.6	13
170	Iron-Catalyzed Chemoselective Reduction of α -Unsaturated Ketones. <i>Chemistry - A European Journal</i> , 2018 , 24, 5770-5774	4.8	40

169	Carbo-biphenyls and Carbo-terphenyls: Oligo(phenylene ethynylene) Ring Carbo-mers. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5640-5644	16.4	6
168	Monitoring of the Phosphine Role in the Mechanism of Palladium-Catalyzed Benzosilole Formation from Aryloxyethynyl Silanes. <i>Organometallics</i> , 2018 , 37, 1456-1461	3.8	11
167	Mechanistic Study of SuzukiMiyaura Cross-Coupling Reactions of Amides Mediated by [Pd(NHC)(allyl)Cl] Precatalysts. <i>ChemCatChem</i> , 2018 , 10, 3096-3106	5.2	58
166	Steric/Electronic Insulation of the carbo-Benzene Ring: Dramatic Effects of tert-Butyl versus Phenyl Crowns on Geometric, Chromophoric, Redox, and Magnetic Properties. <i>Chemistry - A European Journal</i> , 2018 , 24, 10699-10710	4.8	12
165	Carbo-biphenyls and Carbo-terphenyls: Oligo(phenylene ethynylene) Ring Carbo-mers. <i>Angewandte Chemie</i> , 2018 , 130, 5742-5746	3.6	3
164	Complexation of trichlorosalicylic acid with alkaline and first row transition metals as a switch for their antibacterial activity. <i>Inorganica Chimica Acta</i> , 2018 , 469, 379-386	2.7	14
163	The role of the metal in the dual-metal catalysed hydrophenoxylation of diphenylacetylene. <i>Catalysis Science and Technology</i> , 2018 , 8, 3638-3648	5.5	10
162	Pd immobilized on dendrimer decorated halloysite clay: Computational and experimental study on the effect of dendrimer generation, Pd valance and incorporation of terminal functionality on the catalytic activity. <i>Journal of Colloid and Interface Science</i> , 2018 , 531, 421-432	9.3	58
161	Regioselectivity of the Pauson-Khand reaction in single-walled carbon nanotubes. <i>Nanoscale</i> , 2018 , 10, 15078-15089	7.7	6
160	Exploring Basic Components Effect on the Catalytic Efficiency of Chevron-Phillips Catalyst in Ethylene Trimerization. <i>Catalysts</i> , 2018 , 8, 224	4	10
159	Au(I)-Catalyzed hydroarylation of alkenes with N,N-dialkylanilines: a dual gold catalysis concept. <i>Catalysis Science and Technology</i> , 2018 , 8, 6486-6492	5.5	18
158	Synthesis and Characterization of Cationic Tetramethyl Tantalum(V) Complex. <i>Catalysts</i> , 2018 , 8, 507	4	1
157	The activity of indenylidene derivatives in olefin metathesis catalysts. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 2956-2963	2.5	8
156	Single-Site Molybdenum on Solid Support Materials for Catalytic Hydrogenation of N-into-NH. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15812-15816	16.4	25
155	Well-Defined Phosphine-Free Iron-Catalyzed N-Ethylation and N-Methylation of Amines with Ethanol and Methanol. <i>Organic Letters</i> , 2018 , 20, 5985-5990	6.2	68
154	Covalent and Ionic Capacity of MOFs To Sorb Small Gas Molecules. <i>Inorganic Chemistry</i> , 2018 , 57, 6981-6990	3.9	32
153	Insights into mechanism and selectivity in ruthenium(II)-catalysed ortho-arylation reactions directed by Lewis basic groups. <i>Catalysis Science and Technology</i> , 2018 , 8, 3174-3182	5.5	18
152	Computational modeling of heterogeneous Ziegler-Natta catalysts for olefins polymerization. <i>Progress in Polymer Science</i> , 2018 , 84, 89-114	29.6	72

151	Tuning diastereoisomerism in platinum(II) phosphino- and aminothiolato hydrido complexes. <i>New Journal of Chemistry</i> , 2017 , 41, 3015-3028	3.6	1
150	Mechanism of the Suzuki-Miyaura Cross-Coupling Reaction Mediated by [Pd(NHC)(allyl)Cl] Precatalysts. <i>Organometallics</i> , 2017 , 36, 2088-2095	3.8	53
149	Investigating the Structure and Reactivity of Azolyl-Based Copper(I)-NHC Complexes: The Role of the Anionic Ligand. <i>ACS Catalysis</i> , 2017 , 7, 8176-8183	13.1	12
148	In Silico Switch from Second- to First-Row Transition Metals in Olefin Metathesis: From Ru to Fe and from Rh to Co. <i>Catalysts</i> , 2017 , 7, 389	4	10
147	Olefin Metathesis with Ru-Based Catalysts Exchanging the Typical N-Heterocyclic Carbenes by a Phosphine-Phosphonium Ylide. <i>Catalysts</i> , 2017 , 7, 85	4	4
146	Ruthenium-catalysed decomposition of formic acid: Fuel cell and catalytic applications. <i>Molecular Catalysis</i> , 2017 , 440, 184-189	3.3	19
145	Cycloaddition of CO ₂ to challenging N-tosyl aziridines using a halogen-free niobium complex: Catalytic activity and mechanistic insights. <i>Molecular Catalysis</i> , 2017 , 443, 280-285	3.3	21
144	The Fundamental Noninnocent Role of Water for the Hydrogenation of Nitrous Oxide by PNP Pincer Ru-based Catalysts. <i>Inorganic Chemistry</i> , 2017 , 56, 14383-14387	5.1	38
143	Alkylation of Ketones Catalyzed by Bifunctional Iron Complexes: From Mechanistic Understanding to Application. <i>ChemCatChem</i> , 2017 , 9, 4410-4416	5.2	55
142	The preference for dual-gold(i) catalysis in the hydro(alkoxylation vs. phenoxylation) of alkynes. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 6416-6425	3.9	18
141	Ascorbic Acid as a Bifunctional Hydrogen Bond Donor for the Synthesis of Cyclic Carbonates from CO ₂ under Ambient Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 6392-6397	8.3	100
140	Clean and selective catalytic C-H alkylation of alkenes with environmental friendly alcohols. <i>Molecular Catalysis</i> , 2017 , 435, 69-75	3.3	3
139	Pesticides Curbing Soil Fertility: Effect of Complexation of Free Metal Ions. <i>Frontiers in Chemistry</i> , 2017 , 5, 43	5	34
138	Aromatic Rings and Aromatic Rods: Nonplanar Character of an Indeno-dehydro[14]annulene. <i>Synlett</i> , 2016 , 27, 2105-2112	2.2	8
137	Synthesis and characterization of a homogeneous and silica supported homoleptic cationic tungsten(vi) methyl complex: application in olefin metathesis. <i>Chemical Communications</i> , 2016 , 52, 11270-11273	5.8	1273
136	Mechanistic Insights of a Selective C-H Alkylation of Alkenes by a Ru-Based Catalyst and Alcohols. <i>ChemistrySelect</i> , 2016 , 1, 4218-4228	1.8	2
135	Selective Metathesis of Olefins from Bio-Sourced Fischer-Tropsch Feeds. <i>ACS Catalysis</i> , 2016 , 6, 7970-7976	19.1	54
134	SambVca 2. A Web Tool for Analyzing Catalytic Pockets with Topographic Steric Maps. <i>Organometallics</i> , 2016 , 35, 2286-2293	3.8	468

133	An Alternative Reaction Pathway for Iridium-Catalyzed Water Oxidation Driven by Cerium Ammonium Nitrate (CAN). <i>ACS Catalysis</i> , 2016 , 6, 4559-4563	13.1	49
132	How easy is CO ₂ fixation by M≡ bond containing complexes (M = Cu, Ni, Co, Rh, Ir)? <i>Organic Chemistry Frontiers</i> , 2016 , 3, 19-23	5.2	21
131	Structural Preferences in Phosphanylthiolato Platinum(II) Complexes. <i>ChemistryOpen</i> , 2016 , 5, 2	2.3	1
130	Nitrite to nitric oxide interconversion by heme FeII complex assisted by [CuI(tmpa)] ⁺ . <i>Structural Chemistry</i> , 2016 , 27, 409-417	1.8	3
129	How carbo-benzenes fit molecules in their inner core as do biologic ion carriers?. <i>Structural Chemistry</i> , 2016 , 27, 249-259	1.8	6
128	Simple activation by acid of latent Ru-NHC-based metathesis initiators bearing 8-quinolinolate co-ligands. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 154-65	2.5	12
127	Versatile deprotonated NHC: C,N-bridged dinuclear iridium and rhodium complexes. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 117-24	2.5	1
126	Moving from Classical Ru-NHC to Neutral or Charged Rh-NHC Based Catalysts in Olefin Metathesis. <i>Molecules</i> , 2016 , 21, 177	4.8	8
125	On the Mechanism of the Digold(I)-Hydroxide-Catalysed Hydrophenoxylation of Alkynes. <i>Chemistry - A European Journal</i> , 2016 , 22, 1125-32	4.8	41
124	In Silico Olefin Metathesis with Ru-Based Catalysts Containing N-Heterocyclic Carbenes Bearing C ₆₀ Fullerenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 6617-23	4.8	9
123	Structural and energetic characterization of the emissive RNA alphabet based on the isothiazolo[4,3-d]pyrimidine heterocycle core. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 18045-53	3.6	18
122	NHC-Copper(I) Halide-Catalyzed Direct Alkynylation of Trifluoromethyl Ketones on Water. <i>Chemistry - A European Journal</i> , 2016 , 22, 8089-94	4.8	20
121	Synthesis and Isomeric Analysis of Ru Complexes Bearing Pentadentate Scaffolds. <i>Inorganic Chemistry</i> , 2016 , 55, 11216-11229	5.1	15
120	Structural Preferences in Phosphanylthiolato Platinum(II) Complexes. <i>ChemistryOpen</i> , 2016 , 5, 51-9	2.3	5
119	Mechanism of the Transmetalation of Organosilanes to Gold. <i>ChemistryOpen</i> , 2016 , 5, 60-4	2.3	9
118	What can NMR spectroscopy of selenoureas and phosphinidenes teach us about the π -accepting abilities of σ -heterocyclic carbenes?. <i>Chemical Science</i> , 2015 , 6, 1895-1904	9.4	201
117	Mechanism of the Ru π -Allenylidene to Ru π -Indenylidene Rearrangement in Ruthenium Precatalysts for Olefin Metathesis. <i>Organometallics</i> , 2015 , 34, 3107-3111	3.8	23
116	Powerful Bis-facially Pyrazolate-Bridged Dinuclear Ruthenium Epoxidation Catalyst. <i>Inorganic Chemistry</i> , 2015 , 54, 6782-91	5.1	8

115	Highly active phosphine-free bifunctional iron complex for hydrogenation of bicarbonate and reductive amination. <i>Chemistry - A European Journal</i> , 2015 , 21, 7066-70	4.8	63
114	Cooperative Effect of Monopodal Silica-Supported Niobium Complex Pairs Enhancing Catalytic Cyclic Carbonate Production. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7728-39	16.4	100
113	Reusable manganese compounds containing pyrazole-based ligands for olefin epoxidation reactions. <i>Dalton Transactions</i> , 2015 , 44, 17529-43	4.3	17
112	Structural stability, acidity, and halide selectivity of the fluoride riboswitch recognition site. <i>Journal of the American Chemical Society</i> , 2015 , 137, 299-306	16.4	18
111	Mechanism of CO ₂ Fixation by IrI ₃ Bonds (X = OH, OR, N, C). <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4653-4657	2.3	17
110	Mechanism of Intramolecular Rhodium- and Palladium-Catalyzed Alkene Alkoxyfunctionalizations. <i>Organometallics</i> , 2015 , 34, 5549-5554	3.8	6
109	A comprehensive study of olefin metathesis catalyzed by Ru-based catalysts. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 1767-80	2.5	21
108	On the Reaction Mechanism of the Rhodium-Catalyzed Arylation of Fullerene (C ₆₀) with Organoboron Compounds in the Presence of Water. <i>ChemistryOpen</i> , 2015 , 4, 774-8	2.3	10
107	Silica-Supported Tungsten Carbynes (xSiO) _x W(CH)(Me) _y (x = 1, y = 2; x = 2, y = 1): New Efficient Catalysts for Alkyne Cyclotrimerization. <i>Organometallics</i> , 2015 , 34, 690-695	3.8	21
106	The driving force role of ruthenacyclobutanes. <i>Theoretical Chemistry Accounts</i> , 2015 , 134, 1	1.9	6
105	Fluxional Behavior of Molecular WMe ₆ and of Silica Grafted WMe ₆ . <i>Organometallics</i> , 2015 , 34, 663-668	3.8	3
104	Evaluation of an olefin metathesis pre-catalyst with a bulky and electron-rich N-heterocyclic carbene. <i>Journal of Organometallic Chemistry</i> , 2015 , 780, 43-48	2.3	24
103	Theoretical Attempts: In Silico Olefin Metathesis How Can Computers Help in the Understanding of Metathesis Mechanisms and in Catalysts Development? 2014 , 483-494		3
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