

# Joost N H Reek

## 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.

372  
papers

22,096  
citations

77  
h-index

134  
g-index

438  
ext. papers

24,002  
ext. citations

8.5  
avg, IF

7.18  
L-index

#	Paper	IF	Citations
372	Kinetic studies on Lewis acidic metal polyesterification catalysts - hydrolytic degradation is a key factor for catalytic performance.. <i>Catalysis Science and Technology</i> , <b>2022</b> , 12, 2056-2060	5.5	
371	Self-Assembled Bidentate Ligands in Transition Metal Catalysis; From Fundamental Invention to Commercial Application <b>2022</b> , 27-39		
370	Transition Metal Catalysis Controlled by Hydrogen Bonding in the Second Coordination Sphere.. <i>Chemical Reviews</i> , <b>2022</b> ,	68.1	4
369	Supramolecular Strategies for the Recycling of Homogeneous Catalysts. <i>Chemistry - an Asian Journal</i> , <b>2021</b> , 16, 3851-3863	4.5	0
368	An Octa-Urea [Pd L ] Cage that Selectively Binds to n-octyl- $\beta$ -D-Mannoside. <i>ChemPhysChem</i> , <b>2021</b> , 22, 1187-1192	3.2	6
367	A Novel M L Cubic Cage That Binds Tetrapyrrolyl Porphyrins: Cage and Solvent Effects in Cobalt-Porphyrin-Catalyzed Cyclopropanation Reactions. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 8390-8397	4.8	5
366	Catalytic Formation of Coordination-Based Self-Assemblies by Halide Impurities. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 12498-12505	5.1	1
365	Controlling the Activity of a Caged Cobalt-Porphyrin-Catalyst in Cyclopropanation Reactions with Peripheral Cage Substituents. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 2890-2898	2.3	2
364	Homogeneous Catalysts Based on First-Row Transition-Metals for Electrochemical Water Oxidation. <i>ChemSusChem</i> , <b>2021</b> , 14, 234-250	8.3	18
363	Redox-Mediated Alcohol Oxidation Coupled to Hydrogen Gas Formation in a Dye-Sensitized Photosynthesis Cell. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 218-221	4.8	6
362	Selective formation of PtL nanospheres by ligand design. <i>Chemical Science</i> , <b>2021</b> , 12, 7696-7705	9.4	7
361	Mechanistic elucidation of monoalkyltin(IV)-catalyzed esterification. <i>Catalysis Science and Technology</i> , <b>2021</b> , 11, 3326-3332	5.5	2
360	How to Prepare Kinetically Stable Self-assembled Pt L Nanocages while Circumventing Kinetic Traps. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 12667-12674	4.8	6
359	Just Add Water: Modulating the Structure-Derived Acidity of Catalytic Hexameric Resorcinarene Capsules. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 16419-16427	16.4	1
358	A Water Soluble Pd L Cage for Selective Binding of Neu5Ac. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 13719-13724	4.8	4
357	Comparison of homogeneous and heterogeneous catalysts in dye-sensitized photoelectrochemical cells for alcohol oxidation coupled to dihydrogen formation.. <i>Sustainable Energy and Fuels</i> , <b>2021</b> , 5, 5707-5716	5.8	0
356	Redox-Active Supramolecular Heteroleptic M L L' Assemblies with Tunable Interior Binding Site. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 13241-13248	4.8	4

355	Balancing Ligand Flexibility versus Rigidity for the Stepwise Self-Assembly of M L via M L Metal-Organic Cages. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 11960-11965	4.8	7
354	Protection of Ruthenium Olefin Metathesis Catalysts by Encapsulation in a Self-assembled Resorcinarene Capsule. <i>ChemCatChem</i> , <b>2020</b> , 12, 4019-4023	5.2	11
353	A [PdL] cage complex for n-octyl- $\beta$ -D-glycoside recognition. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 4734-4738	3.9	13
352	Regioselective Hydroformylation of Internal and Terminal Alkenes via Remote Supramolecular Control. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 8214-8219	4.8	6
351	Hydrogenase Mimics in M L Nanospheres to Control Overpotential and Activity in Proton-Reduction Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 18485-18489	16.4	11
350	Hydrogenase Mimics in M12L24 Nanospheres to Control Overpotential and Activity in Proton-Reduction Catalysis. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 18643-18647	3.6	2
349	Asymmetric Hydroformylation Using a Rhodium Catalyst Encapsulated in a Chiral Capsule. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 867-875	4.5	8
348	Balancing Ligand Flexibility versus Rigidity for the Stepwise Self-Assembly of M 12 L 24 via M 6 L 12 Metal-Organic Cages. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 11960-11965	4.8	1
347	Nickel is a Different Pickle: Trends in Water Oxidation Catalysis for Molecular Nickel Complexes. <i>ChemSusChem</i> , <b>2020</b> , 13, 6629-6634	8.3	3
346	Topological prediction of palladium coordination cages. <i>Chemical Science</i> , <b>2020</b> , 11, 12350-12357	9.4	7
345	Titanium-catalyzed esterification reactions: beyond Lewis acidity. <i>ChemCatChem</i> , <b>2020</b> , 12, 5229-5235	5.2	6
344	Potential- and Buffer-Dependent Catalyst Decomposition during Nickel-Based Water Oxidation Catalysis. <i>ChemSusChem</i> , <b>2020</b> , 13, 5625-5631	8.3	3
343	How to Control the Rate of Heterogeneous Electron Transfer across the Rim of ML and ML Nanospheres. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 8837-8847	16.4	20
342	Supramolecular strategies in artificial photosynthesis. <i>Chemical Science</i> , <b>2020</b> , 12, 50-70	9.4	19
341	Phosphine Oxide Based Supramolecular Ligands in the Rhodium-Catalyzed Asymmetric Hydrogenation. <i>Organometallics</i> , <b>2019</b> , 38, 3961-3969	3.8	9
340	Lindqvist polyoxometalates as electrolytes in p-type dye sensitized solar cells. <i>Sustainable Energy and Fuels</i> , <b>2019</b> , 3, 96-100	5.8	8
339	Self-assembled ML nanospheres as a reaction vessel to facilitate a dinuclear Cu(i) catalyzed cyclization reaction. <i>Chemical Science</i> , <b>2019</b> , 10, 1316-1321	9.4	16
338	p-Type dye-sensitized solar cells based on pseudorotaxane mediated charge-transfer. <i>Faraday Discussions</i> , <b>2019</b> , 215, 393-406	3.6	5

337	Gold-catalyzed Cycloisomerization Reactions within Guanidinium ML Nanospheres: the Effect of Local Concentrations. <i>ChemCatChem</i> , <b>2019</b> , 11, 1458-1464	5.2	7
336	Effector responsive hydroformylation catalysis. <i>Chemical Science</i> , <b>2019</b> , 10, 7389-7398	9.4	11
335	Biological approaches to artificial photosynthesis: general discussion. <i>Faraday Discussions</i> , <b>2019</b> , 215, 66-83	3.6	
334	Hydrogen Bond Directed ortho-Selective C-H Borylation of Secondary Aromatic Amides. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 13039-13043	16.4	30
333	Demonstrator devices for artificial photosynthesis: general discussion. <i>Faraday Discussions</i> , <b>2019</b> , 215, 345-363	3.6	1
332	Synthetic approaches to artificial photosynthesis: general discussion. <i>Faraday Discussions</i> , <b>2019</b> , 215, 242-281	3.6	4
331	Hydrogen Bond Directed ortho-Selective C-H Borylation of Secondary Aromatic Amides. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 13173-13177	3.6	8
330	Spectroscopic and theoretical investigation of the [Fe(bdt)(CO)] hydrogenase mimic and some catalyst intermediates. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 14638-14645	3.6	6
329	[FeFe]-Hydrogenase Mimic Employing $\pi$ -Pyridine Bridgehead Catalyzes Proton Reduction at Mild Overpotential. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 2510-2517	2.3	6
328	Proton Relay Effects in Pyridyl-Appended Hydrogenase Mimics for Proton Reduction Catalysis. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 2498-2509	2.3	16
327	Rational Redesign of a Regioselective Hydroformylation Catalyst for 3-Butenoic Acid by Supramolecular Substrate Orientation. <i>ChemCatChem</i> , <b>2019</b> , 11, 5322-5329	5.2	11
326	Nickel-Catalyzed Stereodivergent Synthesis of E- and Z-Alkenes by Hydrogenation of Alkynes. <i>ChemSusChem</i> , <b>2019</b> , 12, 3363-3369	8.3	38
325	Photocatalytic Hydrogen Generation by Vesicle-Embedded [FeFe]Hydrogenase Mimics: A Mechanistic Study. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 13921-13929	4.8	6
324	Metal-Organic Capsules with NADH Mimics as Switchable Selectivity Regulators for Photocatalytic Transfer Hydrogenation. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 12707-12716	16.4	26
323	Origin of the Selectivity and Activity in the Rhodium-Catalyzed Asymmetric Hydrogenation Using Supramolecular Ligands. <i>ACS Catalysis</i> , <b>2019</b> , 9, 7535-7547	13.1	11
322	Control of the overpotential of a [FeFe] hydrogenase mimic by a synthetic second coordination sphere. <i>Chemical Communications</i> , <b>2019</b> , 55, 3081-3084	5.8	17
321	Effector enhanced enantioselective hydroformylation. <i>Chemical Communications</i> , <b>2019</b> , 55, 14151-14154	5.8	4
320	Selective surface functionalization generating site-isolated Ir on a MnOx/N-doped carbon composite for robust electrocatalytic water oxidation. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 23098-23104	13.1	12

3 <sup>19</sup>	Reversible multi-electron storage in dual-site redox-active supramolecular cages. <i>Chemical Communications</i> , <b>2019</b> , 55, 12619-12622	5.8	11
3 <sup>18</sup>	Cofactor Controlled Encapsulation of a Rhodium Hydroformylation Catalyst. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 2696-2699	16.4	23
3 <sup>17</sup>	Cofactor Controlled Encapsulation of a Rhodium Hydroformylation Catalyst. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 2722-2725	3.6	3
3 <sup>16</sup>	Gold Catalysis in (Supra)Molecular Cages to Control Reactivity and Selectivity. <i>ChemCatChem</i> , <b>2019</b> , 11, 287-297	5.2	42
3 <sup>15</sup>	Size-Selective Hydroformylation by a Rhodium Catalyst Confined in a Supramolecular Cage. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 609-620	4.8	25
3 <sup>14</sup>	Supramolecular Approaches To Control Activity and Selectivity in Hydroformylation Catalysis. <i>ACS Catalysis</i> , <b>2018</b> , 8, 3469-3488	13.1	59
3 <sup>13</sup>	Coordination of 3-Methylindole-Based Tripodal Tetrphosphine Ligands to Iron(+II), Cobalt(+II), and Nickel(+II) and Investigations of their Subsequent Two-Electron Reduction. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 1254-1265	2.3	4
3 <sup>12</sup>	The future of solar fuels: when could they become competitive?. <i>Energy and Environmental Science</i> , <b>2018</b> , 11, 1653-1669	35.4	121
3 <sup>11</sup>	A Functional Hydrogenase Mimic Chemisorbed onto Fluorine-Doped Tin Oxide Electrodes: A Strategy towards Water Splitting Devices. <i>ChemSusChem</i> , <b>2018</b> , 11, 209-218	8.3	12
3 <sup>10</sup>	Importance of the Reducing Agent in Direct Reductive Heck Reactions. <i>ChemCatChem</i> , <b>2018</b> , 10, 266-272	5.2	15
3 <sup>09</sup>	Control over Electrochemical Water Oxidation Catalysis by Preorganization of Molecular Ruthenium Catalysts in Self-Assembled Nanospheres. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 11417-11421	3.6	19
3 <sup>08</sup>	Synthesis and Characterization of Self-Assembled Chiral Fe L Cages. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 14693-14700	4.8	9
3 <sup>07</sup>	Ligand Template Strategies for Catalyst Encapsulation. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 2115-2123	12.3	81
3 <sup>06</sup>	Photocatalytic Hydrogen Evolution by a Synthetic [FeFe] Hydrogenase Mimic Encapsulated in a Porphyrin Cage. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 16395-16406	4.8	23
3 <sup>05</sup>	P-N Bridged Dinuclear Rh-METAMORPhos Complexes: NMR and Computational Studies. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 3761-3769	2.3	2
3 <sup>04</sup>	Application of [Co(Corrole)] <sup>II</sup> Complexes in Ring-Closing C <sub>H</sub> Amination of Aliphatic Azides via Nitrene Radical Intermediates. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 617-626	2.3	30
3 <sup>03</sup>	Confinement Effects in Catalysis Using Well-Defined Materials and Cages. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 623	5	84
3 <sup>02</sup>	Control over Electrochemical Water Oxidation Catalysis by Preorganization of Molecular Ruthenium Catalysts in Self-Assembled Nanospheres. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 11247-11251	16.4	54

301	Tuning the Porphyrin Building Block in Self-Assembled Cages for Branched-Selective Hydroformylation of Propene. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 14769-14777	4.8	32
300	Cobalt-Porphyrin-Catalysed Intramolecular Ring-Closing C-H Amination of Aliphatic Azides: A Nitrene-Radical Approach to Saturated Heterocycles. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 7945-7952	4.8	99
299	Ruthenium PNN(O) Complexes: Cooperative Reactivity and Application as Catalysts for Acceptorless Dehydrogenative Coupling Reactions. <i>Organometallics</i> , <b>2017</b> , 36, 1541-1549	3.8	47
298	Rational Optimization of Supramolecular Catalysts for the Rhodium-Catalyzed Asymmetric Hydrogenation Reaction. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 13236-13240	3.6	5
297	Rational Design Rules for Molecular Water Oxidation Catalysts based on Scaling Relationships. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 16413-16418	4.8	43
296	Rational Optimization of Supramolecular Catalysts for the Rhodium-Catalyzed Asymmetric Hydrogenation Reaction. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 13056-13060	16.4	26
295	Metalloradical Reactivity of Ru and Ru Stabilized by an Indole-Based Tripodal Tetrphosphine Ligand. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 12709-12713	4.8	9
294	Control of Redox Events by Dye Encapsulation Applied to Light-Driven Splitting of Hydrogen Sulfide. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 11759-11763	16.4	38
293	Control of Redox Events by Dye Encapsulation Applied to Light-Driven Splitting of Hydrogen Sulfide. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 11921-11925	3.6	11
292	Enantioselective Intramolecular Reductive Heck Reaction with a Palladium/Monodentate Phosphoramidite Catalyst. <i>ChemCatChem</i> , <b>2017</b> , 9, 551-554	5.2	46
291	3-Methylindole-Based Tripodal Tetrphosphine Ruthenium Complexes in N <sub>2</sub> Coordination and Reduction and Formic Acid Dehydrogenation. <i>Inorganics</i> , <b>2017</b> , 5, 73	2.9	3
290	Hydrogenation of CO <sub>2</sub> to formic acid with iridiumIII(bisMETAMORPhos)(hydride): the role of a dormant fac-IrIII(trihydride) and an active trans-IrIII(dihydride) species. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 404-408	5.5	30
289	Reactivity of a Ruthenium-Carbonyl Complex in the Methanol Dehydrogenation Reaction. <i>ChemCatChem</i> , <b>2016</b> , 8, 2752-2756	5.2	16
288	A Switchable Gold Catalyst by Encapsulation in a Self-Assembled Cage. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 14836-14839	4.8	54
287	Selective Co-Encapsulation Inside an M L Cage. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 15468-15474	4.8	27
286	Well-Defined Dinuclear Gold Complexes for Preorganization-Induced Selective Dual Gold Catalysis. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 10196-10200	3.6	12
285	Well-Defined Dinuclear Gold Complexes for Preorganization-Induced Selective Dual Gold Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 10042-6	16.4	37
284	Nickel-Based Dye-Sensitized Photocathode: Towards Proton Reduction Using a Molecular Nickel Catalyst and an Organic Dye. <i>ChemCatChem</i> , <b>2016</b> , 8, 1392-1398	5.2	24

283	Co(III)-Carbene Radical Approach to Substituted 1H-Indenes. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 8968-75	16.4	99
282	An iron-iron hydrogenase mimic with appended electron reservoir for efficient proton reduction in aqueous media. <i>Science Advances</i> , <b>2016</b> , 2, e1501014	14.3	44
281	Growth and Characterization of PDMS-Stamped Halide Perovskite Single Microcrystals. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 6475-6481	3.8	23
280	Early stages of catalyst aging in the iridium mediated water oxidation reaction. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 10931-40	3.6	14
279	Self-assembled nanospheres with multiple endohedral binding sites pre-organize catalysts and substrates for highly efficient reactions. <i>Nature Chemistry</i> , <b>2016</b> , 8, 225-30	17.6	205
278	Reversible cyclometalation at RhI as a motif for metal-ligand bifunctional bond activation and base-free formic acid dehydrogenation. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 1320-1327	5.5	38
277	Gold Functionalized Platinum M12L24-Nanospheres and Their Application in Cyclization Reactions. <i>Advanced Synthesis and Catalysis</i> , <b>2016</b> , 358, 1509-1518	5.6	27
276	Anode Preparation Strategies for the Electrocatalytic Oxidation of Water Based on Strong Interactions between Multiwalled Carbon Nanotubes and Cationic Acetylammonium Pyrene Moieties in Aqueous Solutions. <i>ChemPlusChem</i> , <b>2016</b> , 81, 1098-1106	2.8	15
275	Robust Benzo[g, h, i]perylene triimide Dye-Sensitized Electrodes in Air-Saturated Aqueous Buffer Solution. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 5489-93	4.8	9
274	Halogenated earth abundant metalloporphyrins as photostable sensitizers for visible-light-driven water oxidation in a neutral phosphate buffer solution. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 15191-8	3.6	11
273	Cofactor-Controlled Chirality of Tropoisomeric Ligand. <i>Organometallics</i> , <b>2016</b> , 35, 1956-1963	3.8	21
272	A Self-Assembled Molecular Cage for Substrate-Selective Epoxidation Reactions in Aqueous Media. <i>ACS Catalysis</i> , <b>2016</b> , 6, 3106-3112	13.1	66
271	Reaction Progress Kinetic Analysis as a Tool To Reveal Ligand Effects in Ce(IV)-Driven IrCp*-Catalyzed Water Oxidation. <i>ACS Catalysis</i> , <b>2016</b> , 6, 3418-3427	13.1	26
270	Metal-organic redox vehicles to encapsulate organic dyes for photocatalytic protons and carbon dioxide reduction. <i>Inorganic Chemistry Frontiers</i> , <b>2016</b> , 3, 1256-1263	6.8	7
269	Towards a Bioinspired-Systems Approach for Solar Fuel Devices. <i>ChemPlusChem</i> , <b>2016</b> , 81, 1024-1027	2.8	17
268	Reactivity of Dinitrogen Bound to Mid- and Late-Transition-Metal Centers. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 567-598	2.3	101
267	Dinuclear palladium complexes with two ligand-centered radicals and a single bridging ligand: subtle tuning of magnetic properties. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 5879-86	4.8	31
266	Formation and Site-Selective Reactivity of a Nonsymmetric Dinuclear Iridium BisMETAMORPhos Complex. <i>Organometallics</i> , <b>2015</b> , 34, 3209-3215	3.8	11

265	A Mechanistic Study of Direct Activation of Allylic Alcohols in Palladium Catalyzed Amination Reactions. <i>Catalysts</i> , <b>2015</b> , 5, 349-365	4	7
264	Near infrared light-driven water oxidation in a molecule-based artificial photosynthetic device using an upconversion nano-photosensitizer. <i>Chemical Communications</i> , <b>2015</b> , 51, 13008-11	5.8	6
263	C-H Activation of Benzene by a Photoactivated Ni(II)(azide): Formation of a Transient Nickel Nitrido Complex. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 7055-9	16.4	49
262	Enantioselective synthesis of tunable chiral Clickphine P,N-ligands and their application in Ir-catalyzed asymmetric hydrogenation. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 3634-42	4.2	14
261	Self-Assembled Organometallic Nickel Complexes as Catalysts for Selective Dimerization of Ethylene into 1-Butene. <i>Organometallics</i> , <b>2015</b> , 34, 1139-1142	3.8	29
260	Photo- and Thermal Isomerization of (TP)Fe(CO)Cl <sub>2</sub> [TP = Bis(2-diphenylphosphinophenyl)phenylphosphine]. <i>Organometallics</i> , <b>2015</b> , 34, 5009-5014	3.8	7
259	Intermolecular C-H activation with an Ir-METAMORPhos piano-stool complex--multiple reaction steps at a reactive ligand. <i>Chemical Communications</i> , <b>2015</b> , 51, 15200-3	5.8	12
258	Organic-Inorganic Hybrid Solution-Processed H <sub>2</sub> -Evolving Photocathodes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 19083-90	9.5	28
257	Redox-active ligand-induced homolytic bond activation. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 1516-20	16.4	75
256	Redox-Active Ligand-Induced Homolytic Bond Activation. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 1536-1540	3.6	19
255	Transition metal catalysis in confined spaces. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 433-48	58.5	447
254	Co@NH <sub>2</sub> -MIL-125(Ti): cobaloxime-derived metal-organic framework-based composite for light-driven H <sub>2</sub> production. <i>Energy and Environmental Science</i> , <b>2015</b> , 8, 364-375	35.4	304
253	Dehydrogenation of formic acid by Ir-bisMETAMORPhos complexes: experimental and computational insight into the role of a cooperative ligand. <i>Chemical Science</i> , <b>2015</b> , 6, 1027-1034	9.4	61
252	Highly Soluble Benzo[ghi]perylene-triimide Derivatives: Stable and Air-Insensitive Electron Acceptors for Artificial Photosynthesis. <i>ChemSusChem</i> , <b>2015</b> , 8, 3639-50	8.3	19
251	A Fluorescence-Based Screening Protocol for the Identification of Water Oxidation Catalysts. <i>ChemSusChem</i> , <b>2015</b> , 8, 3057-61	8.3	12
250	Palladium(II) Acetate Catalyzed Reductive Heck Reaction of Enones; A Practical Approach. <i>ChemCatChem</i> , <b>2015</b> , 7, 3923-3927	5.2	21
249	Combinatorial Strategies to find New Catalysts for Asymmetric Hydrogenation Based on the Versatile Coordination Chemistry of METAMORPhos Ligands. <i>ChemCatChem</i> , <b>2015</b> , 7, 3368-3375	5.2	5
248	Comparison of the Full Catalytic Cycle of Hydroformylation Mediated by Mono- and Bis-Ligated Triphenylphosphine-Rhodium Complexes by Using DFT Calculations. <i>ChemCatChem</i> , <b>2015</b> , 7, 1708-1718	5.2	25



247	Facile synthesis and versatile reactivity of an unusual cyclometalated rhodium(I) pincer complex. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 7297-305	4.8	27
246	Dynamic ligand reactivity in a rhodium pincer complex. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 12683-938		33
245	Palladium(0)/NHC-Catalyzed Reductive Heck Reaction of Enones: A Detailed Mechanistic Study. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 18811-20	4.8	39
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