

# Bas de Bruin

## List of Publications by Citations

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311  
papers

12,977  
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60  
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98  
g-index

375  
ext. papers

14,426  
ext. citations

8.1  
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6.88  
L-index

#	Paper	IF	Citations
311	Redox Non-Innocent Ligands: Versatile New Tools to Control Catalytic Reactions. <i>ACS Catalysis</i> , <b>2012</b> , 2, 270-279	13.1	756
310	Transition metal catalysis in confined spaces. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 433-48	58.5	447
309	Molecular and electronic structures of bis(pyridine-2,6-diimine)metal complexes [ML <sub>2</sub> ](PF <sub>6</sub> ) <sub>n</sub> (n = 0, 1, 2, 3; M = Mn, Fe, Co, Ni, Cu, Zn). <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 2936-47	5.1	286
308	Synthesis of functional 'polyolefins': state of the art and remaining challenges. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 5809-32	58.5	284
307	Mechanism of cobalt(II) porphyrin-catalyzed C-H amination with organic azides: radical nature and H-atom abstraction ability of the key cobalt(III)-nitrene intermediates. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 12264-73	16.4	283
306	'Carbene radicals' in Co(II)(por)-catalyzed olefin cyclopropanation. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 10891-902	16.4	262
305	Hydrogenation of carboxylic acids with a homogeneous cobalt catalyst. <i>Science</i> , <b>2015</b> , 350, 298-302	33.3	248
304	Ligands that store and release electrons during catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 3356-8	16.4	220
303	Complexes with nitrogen-centered radical ligands: classification, spectroscopic features, reactivity, and catalytic applications. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 12510-29	16.4	197
302	Experimental evidence for cobalt(III)-carbene radicals: key intermediates in cobalt(II)-based metalloradical cyclopropanation. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 8518-21	16.4	193
301	Closed-shell and open-shell square-planar iridium nitrido complexes. <i>Nature Chemistry</i> , <b>2012</b> , 4, 552-8	17.6	160
300	Redox noninnocence of carbene ligands: carbene radicals in (catalytic) C-C bond formation. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 9896-903	5.1	153
299	Characterization of Porphyrin-Co(III)-'Nitrene Radical' Species Relevant in Catalytic Nitrene Transfer Reactions. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 5468-79	16.4	146
298	Catalytic Synthesis of N-Heterocycles via Direct C(sp)-H Amination Using an Air-Stable Iron(III) Species with a Redox-Active Ligand. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 5117-5124	16.4	136
297	Intramolecular redox-active ligand-to-substrate single-electron transfer: radical reactivity with a palladium(II) complex. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 11574-7	16.4	134
296	Formation of a paramagnetic Al complex and extrusion of Fe during the reaction of (diiminepyridine)Fe with AlR <sub>3</sub> (R = Me, Et). <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 17204-6	16.4	134
295	Metal-to-ligand electron transfer in diiminopyridine complexes of Mn-Zn. A theoretical study. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 4649-55	5.1	134

294	Metalloradical approach to 2H-chromenes. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 1090-6	16.4	131
293	C1 polymerisation and related C-C bond forming 'carbene insertion' reactions. <i>Chemical Society Reviews</i> , <b>2010</b> , 39, 1706-23	58.5	130
292	Remote supramolecular control of catalyst selectivity in the hydroformylation of alkenes. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 396-400	16.4	126
291	Catalytic Synthesis of 2H-Chromenes. <i>ACS Catalysis</i> , <b>2015</b> , 5, 2329-2366	13.1	119
290	Functional models for rhodium-mediated olefin-oxygenation catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 4142-57	16.4	117
289	The radical mechanism of cobalt(II) porphyrin-catalyzed olefin aziridination and the importance of cooperative H-bonding. <i>Dalton Transactions</i> , <b>2011</b> , 40, 5697-705	4.3	115
288	Nitrene Radical Intermediates in Catalytic Synthesis. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 13819-13829	4.9	113
287	Rhodium-mediated stereoselective polymerization of "carbenes". <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 9746-52	16.4	113
286	Olefin hydrogenation using diimine pyridine complexes of Co and Rh. <i>Journal of Molecular Catalysis A</i> , <b>2005</b> , 232, 151-159		113
285	Synthesis and reactivity of a transient, terminal nitrido complex of rhodium. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 17719-22	16.4	104
284	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
283	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
282	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
281	Amino olefin nickel(I) and nickel(0) complexes as dehydrogenation catalysts for amine boranes. <i>Chemical Science</i> , <b>2011</b> , 2, 723	9.4	94
280	The Organometallic Chemistry of Rh-, Ir-, Pd-, and Pt-Based Radicals: Higher Valent Species. <i>Progress in Inorganic Chemistry</i> , <b>2008</b> , 247-354		91
279	Exchange of organic radicals with organo-cobalt complexes formed in the living radical polymerization of vinyl acetate. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 13373-81	16.4	89
278	Sulfonamido-phosphoramidite ligands in cooperative dinuclear hydrogenation catalysis. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 6683-5	16.4	87
277	Base-free production of H <sub>2</sub> by dehydrogenation of formic acid using an iridium-bisMETAMORPhos complex. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 11507-11	4.8	86

276	Encapsulation of metalloporphyrins in a self-assembled cubic M8L6 cage: a new molecular flask for cobalt-porphyrin-catalysed radical-type reactions. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 10170-8	4.8	85
275	Highly selective asymmetric Rh-catalyzed hydroformylation of heterocyclic olefins. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 6607-16	16.4	85
274	Homolytic N-H activation of ammonia: hydrogen transfer of parent iridium ammine, amide, imide, and nitride species. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 9290-302	5.1	81
273	Rh-mediated polymerization of carbenes: mechanism and stereoregulation. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 11631-41	16.4	81
272	Encapsulated cobalt-porphyrin as a catalyst for size-selective radical-type cyclopropanation reactions. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 4880-4	4.8	79
271	Selective P4 activation by an organometallic nickel(I) radical: formation of a dinuclear nickel(II) tetraphosphide and related di- and trichalcogenides. <i>Chemical Communications</i> , <b>2014</b> , 50, 7014-6	5.8	78
270	Redox-active ligand-induced homolytic bond activation. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 1516-20	16.4	75
269	Carbene radicals in cobalt(II)-porphyrin-catalysed carbene carbonylation reactions; a catalytic approach to ketenes. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 12953-8	4.8	74
268	Carbene insertion into transition metal-carbon bonds: a new tool for catalytic C-C bond formation. <i>Catalysis Science and Technology</i> , <b>2011</b> , 1, 153	5.5	73
267	Selective Oxidation of [Rh(cod)] <sup>+</sup> by H <sub>2</sub> O <sub>2</sub> and O <sub>2</sub> . <i>Chemistry - A European Journal</i> , <b>1999</b> , 5, 2921-2936	4.8	70
266	Dynamic combinatorial chemistry: the unexpected choice of receptors by guest molecules. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 2660-3	16.4	69
265	Ir(II)(ethene): metal or carbon radical?. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 1895-905	16.4	67
264	Catalytic Dibenzocyclooctene Synthesis via Cobalt(III)-Carbene Radical and ortho-Quinodimethane Intermediates. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 140-145	16.4	67
263	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
262	An isolated nitridyl radical-bridged {Rh(N)Rh} complex. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 6814-8	16.4	64
261	Dioxazolones: Stable Substrates for the Catalytic Transfer of Acyl Nitrenes. <i>ACS Catalysis</i> , <b>2020</b> , 10, 4751-4769	13.1	63
260	Convenient Transfer Semihydrogenation Methodology for Alkynes Using a PdII-NHC Precatalyst. <i>ACS Catalysis</i> , <b>2014</b> , 4, 1349-1357	13.1	63
259	Komplexe mit Stickstoffradikalliganden: Einteilung, spektroskopische Eigenschaften, Reaktivität und katalytische Anwendungen. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 12740-12760	3.6	62

258	Water splitting by cooperative catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 8178-81	16.4	62
257	Carbon-carbon bond activation of 2,2,6,6-tetramethyl-piperidine-1-oxyl by a Rh(II) metalloradical: a combined experimental and theoretical study. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 2051-61	16.4	62
256	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
255	Liganden, die während der Katalyse Elektronen speichern und freisetzen. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 3416-3418	3.6	61
254	Highly enantioselective hydroformylation of dihydrofurans catalyzed by hybrid phosphine-phosphonite rhodium complexes. <i>Chemical Communications</i> , <b>2010</b> , 46, 1244-6	5.8	60
253	Oxidation of Rh(olefin) Fragments to 2-Rhoda(III)oxetanes. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 2064-2067		60
252	Paramagnetic (Alkene)Rh and (Alkene)Ir Complexes: Metal or Ligand Radicals?. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 211-230	2.3	60
251	Metal-Catalysed Azidation of Organic Molecules. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 1152-1176	3.2	59
250	Reversible Redox Chemistry and Catalytic C(sp <sup>3</sup> )-H Amination Reactivity of a Paramagnetic Pd Complex Bearing a Redox-Active o-Aminophenol-Derived NNO Pincer Ligand. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 8603-11	5.1	59
249	Multitechnique Approach to Reveal the Mechanism of Copper(II)-Catalyzed Arylation Reactions. <i>Organometallics</i> , <b>2010</b> , 29, 3085-3097	3.8	58
248	Binuclear [(cod)(Cl)Ir(bpi)Ir(cod)] <sup>+</sup> for Catalytic Water Oxidation. <i>Organometallics</i> , <b>2011</b> , 30, 372-374	3.8	57
247	Ligand-centred reactivity of bis(picoyl)amine iridium: sequential deprotonation, oxidation and oxygenation of a "non-innocent" ligand. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 11878-89	4.8	57
246	Rhodium-Catalyzed Asymmetric Hydroformylation with Taddol-Based IndolPhos Ligands. <i>Organometallics</i> , <b>2010</b> , 29, 2767-2776	3.8	55
245	Hydrogen-atom transfer in reactions of organic radicals with [Co(II)(por)]* (por = porphyrinato) and in subsequent addition of [Co(H)(por)] to olefins. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 4312-20	4.8	54
244	Deprotonation induced ligand-to-metal electron transfer: synthesis of a mixed-valence Rh(-I,I) dinuclear compound and its reaction with dioxygen. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 5844-5	16.4	53
243	Low-valent iron(I) amido olefin complexes as promoters for dehydrogenation reactions. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 5766-71	16.4	52
242	Beyond classical reactivity patterns: hydroformylation of vinyl and allyl arenes to valuable $\alpha$ and $\beta$ aldehyde intermediates using supramolecular catalysis. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 8418-29	16.4	51
241	Pincer ligands with an all-phosphorus donor set: subtle differences between rhodium and palladium. <i>Dalton Transactions</i> , <b>2011</b> , 40, 8822-9	4.3	50

240	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
239	Rhodium-Mediated Stereospecific Carbene Polymerization: From Homopolymers to Random and Block Copolymers. <i>Macromolecules</i> , <b>2010</b> , 43, 8892-8903	5.5	49
238	2-rhodaaxetanes: their formation of oxidation of [Rh(ethene)] <sup>+</sup> and their reactivity upon protonation. <i>Chemistry - A European Journal</i> , <b>2000</b> , 6, 298-312	4.8	49
237	Homogeneously catalysed conversion of aqueous formaldehyde to H and carbonate. <i>Nature Communications</i> , <b>2017</b> , 8, 14990	17.4	46
236	Amplified vibrational circular dichroism as a probe of local biomolecular structure. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 3530-5	16.4	46
235	Ligand denticity controls enantiomeric preference in DNA-based asymmetric catalysis. <i>Chemical Communications</i> , <b>2012</b> , 48, 2394-6	5.8	46
234	Hydrogen-atom transfer in open-shell organometallic chemistry: the reactivity of Rh(II)(cod) and Ir(II)(cod) radicals. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 3386-405	4.8	46
233	Dioxygen Activation by a Mononuclear Ir(III)Ethene Complex. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 2135	16.4	46
232	Remote Supramolecular Control of Catalyst Selectivity in the Hydroformylation of Alkenes. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 416-420	3.6	45
231	Ligand oxidation of a deprotonated bis(picoyl)amine Ir(I)(cod) complex. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 10932-6	4.8	45
230	Enhanced reactivity of 2-rhodaaxetanes through a labile acetonitrile ligand. <i>Chemistry - A European Journal</i> , <b>2001</b> , 7, 416-22	4.8	45
229	Catalytic Synthesis of Indolines by Hydrogen Atom Transfer to Cobalt(III)-Carbene Radicals. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 5253-5258	4.8	45
228	Diastereoselective Radical-Type Cyclopropanation of Electron-Deficient Alkenes Mediated by the Highly Active Cobalt(II) Tetramethyltetraaza[14]annulene Catalyst. <i>ChemCatChem</i> , <b>2017</b> , 9, 1413-1421	5.2	44
227	Catalytic 1,2-dihydronaphthalene and -aryl-diene synthesis Co-Carbene radical and -quinodimethane intermediates. <i>Chemical Science</i> , <b>2017</b> , 8, 8221-8230	9.4	44
226	Modellreaktionen für die Rhodium-katalysierte Oxygenierung von Alkenen. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 4236-4251	3.6	44
225	Reactivity of a mononuclear iridium(I) species bearing a terminal phosphido fragment embedded in a triphosphorus ligand. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 1682-4	5.1	43
224	Selective C-C coupling of Ir-ethene and Ir-carbenoid radicals. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 7594-9	4.8	43
223	A phosphorus analogue of Bis(eta <sup>4</sup> -cyclobutadiene)iron(0). <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 3104-7	16.4	42

222	Structure and reactivity of a unique Y-shaped tricoordinate bis(silyl)platinum(II)-NHC complex. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 3161-4	16.4	42
221	Photolytic N <sub>2</sub> splitting: a road to sustainable NH <sub>3</sub> production?. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 42-4	16.4	41
220	Transition-Metal-Free Cleavage of CO. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 13628-13632	4.8	41
219	Ligand Design in Rh(diene)-Mediated Carbene Polymerization; Efficient Synthesis of High-Mass, Highly Stereoregular, and Fully Functionalized Carbon-Chain Polymers. <i>Organometallics</i> , <b>2010</b> , 29, 2823-2826	3.8	41
218	Deprotonation Induced Ligand Oxidation in a Ni(II) Complex of a Redox Noninnocent N(1)-(2-Aminophenyl)benzene-1,2-diamine and Its Use in Catalytic Alcohol Oxidation. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 6114-23	5.1	40
217	Direct probing of photoinduced electron transfer in a self-assembled biomimetic [2Fe2S]-hydrogenase complex using ultrafast vibrational spectroscopy. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 5373-83	5.1	40
216	Ir(III)(ethene): metal or carbon radical? Part II: oxygenation via iridium or direct oxygenation at ethene?. <i>Dalton Transactions</i> , <b>2005</b> , 979-84	4.3	40
215	Low-Valent Iron Mono-Diazadiene Compounds: Electronic Structure and Catalytic Application. <i>ACS Catalysis</i> , <b>2015</b> , 5, 6230-6240	13.1	39
214	Binuclear Cooperative Catalysts for the Hydrogenation and Hydroformylation of Olefins. <i>ChemCatChem</i> , <b>2013</b> , 5, 2785-2793	5.2	39
213	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
212	Stereospecific carbene polymerization with oxygenated Rh(diene) species. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 5157-61	16.4	38
211	How Solvent Affects C-H Activation and Hydrogen Production Pathways in Homogeneous Ru-Catalyzed Methanol Dehydrogenation Reactions. <i>ACS Catalysis</i> , <b>2018</b> , 8, 6908-6913	13.1	37
210	Germanium(III) corrole complex: reactivity and mechanistic studies of visible-light promoted N-H bond activations. <i>Chemical Science</i> , <b>2014</b> , 5, 916-921	9.4	37
209	Selective P Activation by a Highly Reduced Cobaltate: Synthesis of Dicobalt Tetraphosphido Complexes. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 6094-6102	4.8	37
208	Etching AIs with HF for Epitaxial Lift-Off Applications. <i>Journal of the Electrochemical Society</i> , <b>2004</b> , 151, G347	3.9	37
207	Rh-Mediated Carbene Polymerization: from Multistep Catalyst Activation to Alcohol-Mediated Chain-Transfer. <i>ACS Catalysis</i> , <b>2012</b> , 2, 246-260	13.1	36
206	Homoleptic diphosphacyclobutadiene complexes [M(η <sup>4</sup> -P <sub>2</sub> C <sub>2</sub> R <sub>2</sub> ) <sub>2</sub> ] <sub>x</sub> (M = Fe, Co; x = 0, 1). <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 14322-34	4.8	35
205	Redox-Active Bis(phenolate) N-Heterocyclic Carbene [OCO] Pincer Ligands Support Cobalt Electron Transfer Series Spanning Four Oxidation States. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 12421-12435	5.1	34

204	EPR Spectroscopy as a Tool in Homogeneous Catalysis Research. <i>Topics in Catalysis</i> , <b>2015</b> , 58, 719-750	2.3	34
203	Hydrogen-bond-assisted activation of allylic alcohols for palladium-catalyzed coupling reactions. <i>ChemSusChem</i> , <b>2014</b> , 7, 890-6	8.3	34
202	An iridium(III/IV/V) redox series featuring a terminal imido complex with triplet ground state. <i>Chemical Science</i> , <b>2018</b> , 9, 4325-4332	9.4	33
201	Dynamic ligand reactivity in a rhodium pincer complex. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 12683-938	4.8	33
200	Rh-Mediated C1-Polymerization: Copolymers from Diazoesters and Sulfoxonium Ylides. <i>ACS Catalysis</i> , <b>2012</b> , 2, 2046-2059	13.1	33
199	Phosphinoureas: Cooperative Ligands in Rhodium-Catalyzed Hydroformylation? On the Possibility of a Ligand-Assisted Reductive Elimination of the Aldehyde. <i>Organometallics</i> , <b>2010</b> , 29, 2413-2421	3.8	33
198	[Ni(cod) <sub>2</sub> ][Al(OR(F)) <sub>4</sub> ], a Source for Naked Nickel(I) Chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 14706-9	16.4	32
197	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
196	Unraveling the electronic structures of low-valent naphthalene and anthracene iron complexes: X-ray, spectroscopic, and density functional theory studies. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 6719-30	5.1	31
195	Efficient Copper-Catalyzed Multicomponent Synthesis of Acyl Amidines via Acyl Nitrenes. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 15240-15249	16.4	30
194	Supramolecular NHC ligands: on the influence of Zn(II)-templates on the activity of Rh(I)(cod) complexes in 'carbene polymerization'. <i>Dalton Transactions</i> , <b>2009</b> , 8970-6	4.3	30
193	Disproportionation of RhII(cod) to RhI(cod) and RhIII(cycloocta-2,5-dien-1-yl): Hydrogen Atom Transfer vs Electron and Proton Transfer. <i>Organometallics</i> , <b>2003</b> , 22, 3022-3024	3.8	30
192	Ligand Redox Noninnocence in [Co(TAML)] Complexes Affects Nitrene Formation. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 552-563	16.4	30
191	Application of [Co(Corrole)] Complexes in Ring-Closing Carbene Amination of Aliphatic Azides via Nitrene Radical Intermediates. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 617-626	2.3	30
190	Difluorocarbene transfer from a cobalt complex to an electron-deficient alkene. <i>Chemical Communications</i> , <b>2017</b> , 53, 4382-4385	5.8	29
189	[Co(TPP)]-Catalyzed Formation of Substituted Piperidines. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 5658-5663	4.8	29
188	Catalytic Dibenzocyclooctene Synthesis via Cobalt(III) Carbene Radical and ortho-Quinodimethane Intermediates. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 146-151	3.6	29
187	Pd-mediated carbene polymerisation: activity of palladium(II) versus low-valent palladium. <i>Polymer Chemistry</i> , <b>2011</b> , 2, 422-431	4.9	28



186	Versatile new C(3)-symmetric tripodal tetraphosphine ligands; structural flexibility to stabilize Cu(I) and Rh(I) species and tune their reactivity. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 6495-508	5.1	28
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