

Bruno Donnadieu

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.

291
papers

18,117
citations

71
h-index

124
g-index

307
ext. papers

19,295
ext. citations

6.9
avg, IF

6.53
L-index

#	Paper	IF	Citations
291	SO ₂ capture enhancement in NU-1000 by the incorporation of a ruthenium gallate organometallic complex. <i>CrystEngComm</i> , 2021 , 23, 7479-7484	3.3	0
290	14-Electron Rh and Ir silylphosphine complexes and their catalytic activity in alkene functionalization with hydrosilanes. <i>Dalton Transactions</i> , 2021 , 50, 11783-11792	4.3	0
289	Triphenylene-Enchained Perfluorocyclobutyl Aryl Ether Polymers: A Modular Synthetic Route to Processable Thermoplastics Approaching Upper Limit T _g and Photostability. <i>Macromolecules</i> , 2021 , 54, 7666-7672	5.5	2
288	Barium and titanium dithiocarbamates as precursors for colloidal nanocrystals of emerging optoelectronic materials. <i>Dalton Transactions</i> , 2021 , 50, 15978-15982	4.3	3
287	Perfluorocyclohexenyl (PFCH) aromatic ether polymers from perfluorocyclohexene and polycyclic aromatic bisphenols. <i>Polymer Chemistry</i> , 2020 , 11, 5051-5056	4.9	3
286	Room temperature magnetoelectric coupling in a molecular ferroelectric ytterbium(III) complex. <i>Science</i> , 2020 , 367, 671-676	33.3	52
285	Enhanced Hydrogen Evolution in Neutral Water Catalyzed by a Cobalt Complex with a Softer Polypyridyl Ligand. <i>Angewandte Chemie</i> , 2020 , 132, 12794-12797	3.6	2
284	Dithiosulfidene Adsorption and Reaction on Gold Nanoparticles in Water. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 686-692	3.8	1
283	Fe(III)-Based Tandem Catalysis for Amidomethylative Multiple Substitution Reactions of β -Substituted Styrene Derivatives. <i>ACS Catalysis</i> , 2020 , 10, 10627-10636	13.1	2
282	Functionalized NU-1000 with an Iridium Organometallic Fragment: SO Capture Enhancement. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 41758-41764	9.5	15
281	Enhanced Hydrogen Evolution in Neutral Water Catalyzed by a Cobalt Complex with a Softer Polypyridyl Ligand. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 12694-12697	16.4	11
280	Ruthenium-Catalyzed Enantioselective C-H Functionalization: A Practical Access to Optically Active Indoline Derivatives. <i>Journal of the American Chemical Society</i> , 2019 , 141, 15730-15736	16.4	46
279	Acenaphthylene-derived perfluorocyclobutyl aromatic ether polymers. <i>Journal of Polymer Science Part A</i> , 2019 , 57, 1270-1274	2.5	7
278	Volatility and Chain Length Interplay of Primary Amines: Mechanistic Investigation on the Stability and Reversibility of Ammonia-Responsive Hybrid Perovskites. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 6711-6718	9.5	23
277	Contrast Solid-State Photoreactive Behavior of Two Two-Dimensional Zn(II) Coordination Polymers. <i>Crystal Growth and Design</i> , 2018 , 18, 3693-3696	3.5	5
276	Investigation of metallation/transmetallation reactions to synthesize a series of C ₅₅ N ₁ H ₈ Co pincer complexes and their X-ray structures. <i>Polyhedron</i> , 2018 , 151, 568-574	2.7	5
275	Electronic and Steric Tuning of Catalytic H ₂ Evolution by Cobalt Complexes with Pentadentate Polypyridyl-Amine Ligands. <i>Journal of the American Chemical Society</i> , 2018 , 140, 9219-9229	16.4	55

274	Curved crystal morphology, photoreactivity and photosalient behaviour of mononuclear Zn(II) complexes. <i>IUCrJ</i> , 2017 , 4, 65-71	4.7	26
273	Molecular Scissoring: Facile 3D to 2D Conversion of Lanthanide Metal Organic Frameworks Via Solvent Exfoliation. <i>Inorganic Chemistry</i> , 2016 , 55, 10851-10854	5.1	31
272	Functionalized 1?-Substituted Iodoferrocenes and Their Pd-Catalyzed Heck Cross-Coupling Reactions. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 1314-1318	2.3	7
271	Molecular iodine adsorption within Hofmann-type structures M(L)[M'(CN) ₄] (M = Ni, Co; M' = Ni, Pd, Pt): impact of their composition. <i>Dalton Transactions</i> , 2015 , 44, 19357-69	4.3	19
270	A 2D metal-organic framework composed of a bi-functional ligand with ultra-micropores for post-combustion CO ₂ capture. <i>RSC Advances</i> , 2015 , 5, 47384-47389	3.7	9
269	A high-temperature molecular ferroelectric Zn/Dy complex exhibiting single-ion-magnet behavior and lanthanide luminescence. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 2236-40	16.4	174
268	Iodine capture by Hofmann-Type clathrate Ni(II)(pz)[Ni(II)(CN) ₄]. <i>Inorganic Chemistry</i> , 2014 , 53, 4269-71	5.1	32
267	Synthesis of tetrachalcogenide-substituted phenalenyl derivatives: preparation and solid-state characterization of bis(3,4,6,7-tetrathioalkyl-phenalenyl)boron radicals. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12936-9	16.4	18
266	Heterolytic activation of dihydrogen by platinum and palladium complexes. <i>Dalton Transactions</i> , 2013 , 42, 6495-512	4.3	27
265	Desulfurization processes of thiosemicarbazonecopper(II) derivatives in acidic and basic aqueous media. <i>New Journal of Chemistry</i> , 2013 , 37, 3568	3.6	17
264	Synthesis and characterization of a pyrazolium bearing N-heterocyclic carbene-palladium(II) complex. <i>Journal of Organometallic Chemistry</i> , 2013 , 724, 251-254	2.3	1
263	Hexathiophenalenyliums cations: syntheses, structures, and redox chemistry. <i>Organic Letters</i> , 2013 , 15, 1198-201	6.2	9
262	Polymorphism and magnetic properties in thiosemicarbazonecopper(II)-sulfate compounds. <i>Polyhedron</i> , 2013 , 54, 243-251	2.7	7
261	Anionic 1,2,3-triazole-4,5-diylidene: a 1,2-dihapto ligand for the construction of bimetallic complexes. <i>Chemistry - A European Journal</i> , 2012 , 18, 14627-31	4.8	28
260	Synthesis, Structure and Solid State Properties of Cyclohexanemethylamine Substituted Phenalenyl Based Molecular Conductor. <i>Crystals</i> , 2012 , 2, 446-465	2.3	2
259	Synthesis, structure and solid state properties of benzannulated phenalenyl based neutral radical conductor. <i>Journal of Physical Organic Chemistry</i> , 2012 , 25, 566-573	2.1	9
258	A Cyclic Diaminocarbene with a Pyramidalized Nitrogen Atom: A Stable N-Heterocyclic Carbene with Enhanced Electrophilicity. <i>Angewandte Chemie</i> , 2012 , 124, 6276-6279	3.6	37
257	A cyclic diaminocarbene with a pyramidalized nitrogen atom: a stable N-heterocyclic carbene with enhanced electrophilicity. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6172-5	16.4	108

256	Mesoionic thiazol-5-ylidenes as ligands for transition metal complexes. <i>Chemical Communications</i> , 2011 , 47, 10614-6	5.8	36
255	A persistent (amino)(ferrocenyl)carbene(). <i>New Journal of Chemistry</i> , 2011 , 35, 2037-2042	3.6	13
254	N-Heterocyclic carbenes versus transition metals for stabilizing phosphinyl radicals. <i>Chemical Science</i> , 2011 , 2, 858	9.4	94
253	Synthesis and characterization of a neutral tricoordinate organoboron isoelectronic with amines. <i>Science</i> , 2011 , 333, 610-3	33.3	440
252	Bis(1,2,3-triazol-5-ylidenes) (i-bitz) as Stable 1,4-Bidentate Ligands Based on Mesoionic Carbenes (MICs). <i>Organometallics</i> , 2011 , 30, 6017-6021	3.8	101
251	Synthesis of a room-temperature-stable dimeric copper(I) hydride. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 402-5	4.5	71
250	Facile preparation of homo- and hetero-dimetallic complexes with a 4-phosphino-substituted NHC ligand. Toward the design of multifunctional catalysts. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 1099-103	4.5	48
249	Gold-Catalyzed Hydroamination of Alkynes and Allenes with Parent Hydrazine. <i>Angewandte Chemie</i> , 2011 , 123, 5674-5677	3.6	52
248	Gold-catalyzed hydroamination of alkynes and allenes with parent hydrazine. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5560-3	16.4	156
247	Grubbs and Hoveyda-Type Ruthenium Complexes Bearing a Cyclic Bent-Allene. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 2899-2903	2.3	25
246	Isolation of crystalline carbene-stabilized P(2)-radical cations and P(2)-dications. <i>Nature Chemistry</i> , 2010 , 2, 369-73	17.6	248
245	Synthesis of 4- and 4,5-functionalized imidazol-2-ylidenes from a single 4,5-unsubstituted imidazol-2-ylidene. <i>Journal of the American Chemical Society</i> , 2010 , 132, 7264-5	16.4	133
244	Resonating valence bond and sigma-charge density wave phases in a benzannulated phenalenyl radical. <i>Journal of the American Chemical Society</i> , 2010 , 132, 2684-94	16.4	30
243	A crystalline phosphinyl radical cation. <i>Journal of the American Chemical Society</i> , 2010 , 132, 10262-3	16.4	169
242	Hysteretic spin and charge delocalization in a phenalenyl-based molecular conductor. <i>Journal of the American Chemical Society</i> , 2010 , 132, 17258-64	16.4	55
241	Polyoxometallate π thiosemicarbazone Hybrid Compounds. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 4513-4525	2.3	14
240	T-shaped platinum(II) complexes stabilised by Bulky N-heterocyclic carbene ligands. <i>Chemistry - A European Journal</i> , 2010 , 16, 10323-6	4.8	52
239	Serendipitous Discovery of the Catalytic Hydroammoniation and Methylation of Alkynes. <i>Angewandte Chemie</i> , 2010 , 122, 954-957	3.6	89

238	Protonen-induzierte Umlagerung eines Oxaphosphirankomplexes. <i>Angewandte Chemie</i> , 2010 , 122, 2670-2674	3.6	16
237	Crystalline 1H-1,2,3-Triazol-5-ylidenes: New Stable Mesoionic Carbenes (MICs). <i>Angewandte Chemie</i> , 2010 , 122, 4869-4872	3.6	94
236	Isolation of a Carbene-Stabilized Phosphorus Mononitride and Its Radical Cation (PN ⁺). <i>Angewandte Chemie</i> , 2010 , 122, 6066-6069	3.6	83
235	Activation of Si-H, B-H, and P-H Bonds at a Single Nonmetal Center. <i>Angewandte Chemie</i> , 2010 , 122, 9634-9637	3.6	67
234	Serendipitous discovery of the catalytic hydroammoniation and methylamination of alkynes. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 942-5	16.4	200
233	Crystalline 1H-1,2,3-triazol-5-ylidenes: new stable mesoionic carbenes (MICs). <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4759-62	16.4	324
232	Isolation of a carbene-stabilized phosphorus mononitride and its radical cation (PN ⁺ *). <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5930-3	16.4	187
231	Activation of Si-H, B-H, and P-H bonds at a single nonmetal center. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9444-7	16.4	174
230	On the reactivity of isoindolo[2,1-a]quinazoline-5-ones. <i>Tetrahedron</i> , 2010 , 66, 8214-8222	2.4	10
229	Isolation of Bicyclopropenylidenes: Derivatives of the Smallest Member of the Fulvalene Family. <i>Angewandte Chemie</i> , 2009 , 121, 525-528	3.6	7
228	Are Allenes with Zwitterionic Character Still Allenes? Of Course!. <i>Angewandte Chemie</i> , 2009 , 121, 1568-1570	3.6	32
227	Synthesis and Ligand Properties of a Persistent, All-Carbon Four-Membered-Ring Allene. <i>Angewandte Chemie</i> , 2009 , 121, 4886-4889	3.6	53
226	Synthesis of Allenylidene Lithium and Silver Complexes, and Subsequent Transmetalation Reactions. <i>Angewandte Chemie</i> , 2009 , 121, 4890-4893	3.6	8
225	Nonmetal-Mediated Fragmentation of P ₄ : Isolation of P ₁ and P ₂ Bis(carbene) Adducts. <i>Angewandte Chemie</i> , 2009 , 121, 5638-5641	3.6	132
224	Isolation of bicyclopropenylidenes: derivatives of the smallest member of the fulvalene family. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 517-20	16.4	12
223	Are Allenes with Zwitterionic Character Still Allenes? Of Course!. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 1540-1542	16.4	63
222	Synthesis and ligand properties of a persistent, all-carbon four-membered-ring allene. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4792-5	16.4	111
221	Synthesis of allenylidene lithium and silver complexes, and subsequent transmetalation reactions. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4796-9	16.4	36

220	Nonmetal-mediated fragmentation of P4: isolation of P1 and P2 bis(carbene) adducts. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5530-3	16.4	265
219	Umpolung of electrophilic terminal phosphinidene complexes by interaction with nucleophilic carbenes. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 1225-8	4.5	23
218	Reactivity of cyclic (alkyl)(amino)carbenes (CAACs) and bis(amino)cyclopropenylienes (BACs) with heteroallenes: comparisons with their N-heterocyclic carbene (NHCs) counterparts. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 1745-50	4.5	35
217	Synthesis of a simplified version of stable bulky and rigid cyclic (alkyl)(amino)carbenes, and catalytic activity of the ensuing gold(I) complex in the three-component preparation of 1,2-dihydroquinoline derivatives. <i>Journal of the American Chemical Society</i> , 2009 , 131, 8690-6	16.4	206
216	Versatile Behavior of Conjugated Diynes with Zirconocene Reactive Species. <i>Organometallics</i> , 2009 , 28, 181-187	3.8	26
215	Methoxy-Substituted Phenalenyl-Based Neutral Radical Molecular Conductor. <i>Chemistry of Materials</i> , 2009 , 21, 2226-2237	9.6	29
214	Synthesis and Characterization of Controlled Dendritic Architectures by Association of Two Phosphorus Dendrons Through a Metallic Center. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009 , 184, 1612-1620	1	3
213	Isolation of a C5-deprotonated imidazolium, a crystalline "abnormal" N-heterocyclic carbene. <i>Science</i> , 2009 , 326, 556-9	33.3	366
212	Vicinal diphosphoniums: electrostatic repulsion under covalent constraint. <i>Dalton Transactions</i> , 2009 , 8493-508	4.3	12
211	Exocyclic delocalization at the expense of aromaticity in 3,5-bis(pi-donor) substituted pyrazolium ions and corresponding cyclic bent allenes. <i>Journal of the American Chemical Society</i> , 2009 , 131, 11875-81	16.4	108
210	A persistent P,N-heterocyclic carbene. <i>Chemical Communications</i> , 2008 , 4711-3	5.8	19
209	The Phosphaalkene-like Reactivity of Dithienophosphinines. <i>Organometallics</i> , 2008 , 27, 4005-4008	3.8	6
208	Cyclic (amino)[bis(ylide)]carbene as an anionic bidentate ligand for transition-metal complexes. <i>Inorganic Chemistry</i> , 2008 , 47, 3949-51	5.1	55
207	Reluctance of 4-chloro-5-metalla-1,3,2-diazaborolines to undergo metal halide beta-elimination: an opportunity for C-functionalization of 1,3,2-diazaborolines. <i>Inorganic Chemistry</i> , 2008 , 47, 9751-3	5.1	11
206	From Functional Phospholide Ions to Bifunctional 1,1'-Diphosphaferrocenes. <i>Organometallics</i> , 2008 , 27, 1887-1891	3.8	11
205	A family of enneanuclear iron(II) single-molecule magnets. <i>Chemistry - A European Journal</i> , 2008 , 14, 2514-86	4.8	102
204	Di- or Trinuclear 3d ^{4f} Schiff Base Complexes: The Role of Anions. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 5235-5244	2.3	68
203	The unexpected chemistry of a bis(phospholyl)acetylene. <i>Heteroatom Chemistry</i> , 2008 , 19, 537-541	1.2	1

202	Palladium-oxygen and palladium-arene interactions in complexes derived from biaryl aminocarbenes: comparison with biaryl phosphanes. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 2271-4	16.4	25
201	Synthesis of an extremely bent acyclic allene (a "carbodicarbene"): a strong donor ligand. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3206-9	16.4	386
200	Homogeneous catalytic hydroamination of alkynes and allenes with ammonia. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5224-8	16.4	329
199	Synthesis and ligand properties of stable five-membered-ring allenes containing only second-row elements. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5411-4	16.4	187
198	Palladium-Oxygen and Palladium-Arene Interactions in Complexes Derived from Biaryl Aminocarbenes: Comparison with Biaryl Phosphanes. <i>Angewandte Chemie</i> , 2008 , 120, 2303-2306	3.6	3
197	Synthesis of an Extremely Bent Acyclic Allene (A "Carbodicarbene") A Strong Donor Ligand. <i>Angewandte Chemie</i> , 2008 , 120, 3250-3253	3.6	184
196	Homogeneous Catalytic Hydroamination of Alkynes and Allenes with Ammonia. <i>Angewandte Chemie</i> , 2008 , 120, 5302-5306	3.6	121
195	Synthesis and Ligand Properties of Stable Five-Membered-Ring Allenes Containing Only Second-Row Elements. <i>Angewandte Chemie</i> , 2008 , 120, 5491-5494	3.6	88
194	Stable Bis(diisopropylamino)cyclopropenylidene (BAC) as Ligand for Transition Metal Complexes. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 899-904	2.3	48
193	Cyclic (Alkyl)(amino)carbene Gold(I) complexes: A Synthetic and Structural Investigation. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 1674-1682	2.3	120
192	Interaction of the DNA bases and their mononucleotides with pyridine-2-carbaldehyde thiosemicarbazonecopper(II) complexes. Structure of the cytosine derivative. <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 1892-900	4.2	34
191	Phenalenyl-based neutral radical molecular conductors: substituent effects on solid-state structures and properties. <i>Journal of the American Chemical Society</i> , 2007 , 129, 7163-74	16.4	36
190	Intramolecular "hydroiminiumation and -amidiniumation" of alkenes: a convenient, flexible, and scalable route to cyclic iminium and imidazolium salts. <i>Journal of Organic Chemistry</i> , 2007 , 72, 3492-9	4.2	138
189	The First Electronically Stabilized Phenalenyl Radical: Effect of Substituents on Solution Chemistry and Solid-State Structure. <i>Crystal Growth and Design</i> , 2007 , 7, 802-809	3.5	82
188	Synthesis and X-ray Crystal Structure of a P-Confused Carbaporphyrinoid. <i>Organometallics</i> , 2007 , 26, 3617-3620	3.8	15
187	NHC-mediated aggregation of P4: isolation of a P12 cluster. <i>Journal of the American Chemical Society</i> , 2007 , 129, 14180-1	16.4	237
186	Functional [6]pericyclines: aromatization to substituted carbo-benzenes. <i>Chemistry - A European Journal</i> , 2007 , 13, 4914-31	4.8	30
185	Intramolecular "hydroiminiumation" of alkenes: application to the synthesis of conjugate acids of cyclic alkyl amino carbenes (CAACs). <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2899-902	16.4	214

184	Recently reported crystalline isothiazole carbenes: myth or reality. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 6922-5; discussion 6926	16.4	17
183	Carbene activation of P4 and subsequent derivatization. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7052-5	16.4	262
182	Intramolecular Hydroiminiumation of Alkenes: Application to the Synthesis of Conjugate Acids of Cyclic Alkyl Amino Carbenes (CAACs). <i>Angewandte Chemie</i> , 2007 , 119, 2957-2960	3.6	109
181	Recently Reported Crystalline Isothiazole Carbenes: Myth or Reality. <i>Angewandte Chemie</i> , 2007 , 119, 7047-7050	3.6	9
180	Carbene Activation of P4 and Subsequent Derivatization. <i>Angewandte Chemie</i> , 2007 , 119, 7182-7185	3.6	131
179	An unusual norcaradiene/tropylium rearrangement from a persistent amino-phosphonio-carbene. <i>Tetrahedron Letters</i> , 2007 , 48, 685-687	2	10
178	Making 3d ⁰ hexanuclear clusters from heterotrinary cationic building blocks. <i>Inorganica Chimica Acta</i> , 2007 , 360, 4044-4050	2.7	33
177	Step-by-step synthesis of multifunctionalized linear oligophosphazenes: X-ray crystal structures of compounds issued from the first steps. <i>Polyhedron</i> , 2007 , 26, 3885-3892	2.7	3
176	Stable P-heterocyclic carbenes: scope and limitations. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 178-87	4.5	55
175	Synthesis of phosphoformamidines and phosphoformamidinates. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 904-8	4.5	19
174	Allene formation by gold catalyzed cross-coupling of masked carbenes and vinylidenes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 13569-73	11.5	265
173	Facile splitting of hydrogen and ammonia by nucleophilic activation at a single carbon center. <i>Science</i> , 2007 , 316, 439-41	33.3	749
172	Dithienophosphinine. <i>Organometallics</i> , 2007 , 26, 6497-6500	3.8	13
171	CO fixation to stable acyclic and cyclic alkyl amino carbenes: stable amino ketenes with a small HOMO-LUMO gap. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 3488-91	16.4	257
170	Isolation of cyclopropenylidene-lithium adducts: the Weiss-Yoshida reagent. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 6652-5	16.4	82
169	Coordination Dependence of Magnetic Properties within a Family of Related [FeII2] Complexes of a Triazine-Based Ligand. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 1353-1361	2.3	28
168	CO Fixation to Stable Acyclic and Cyclic Alkyl Amino Carbenes: Stable Amino Ketenes with a Small HOMO-LUMO Gap. <i>Angewandte Chemie</i> , 2006 , 118, 3568-3571	3.6	128
167	Isolation of Cyclopropenylidene-Lithium Adducts: The Weiss-Yoshida Reagent. <i>Angewandte Chemie</i> , 2006 , 118, 6804-6807	3.6	43

166	Stable four-pi-electron, four-membered heterocyclic cations and carbenes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 13585-8	11.5	55
165	Cyclopropenylidenes: from interstellar space to an isolated derivative in the laboratory. <i>Science</i> , 2006 , 312, 722-4	33.3	221
164	Synthesis of transient and stable C-amino phosphorus ylides and their fragmentation into transient and stable carbenes. <i>Journal of the American Chemical Society</i> , 2006 , 128, 459-64	16.4	52
163	Synthesis and structural characterisation of [TpMe ₂ Nb(CH ₃) ₂ (CH ₃ CCCH ₃)] and [TpMe ₂ NbCl(CH ₃)(CH ₃ CCCH ₃)]: is there an intrinsic agostic interaction in alkyl complexes of the [TpMe ₂ Nb(alkyne)] moiety?. <i>New Journal of Chemistry</i> , 2006 , 30, 409	3.6	3
162	Cyclic C-amino phosphorus ylides as a source of bidentate heteroditopic ligands (phosphine/aminocarbene) for transition metals. <i>Journal of the American Chemical Society</i> , 2006 , 128, 14810-1	16.4	31
161	Monomeric iron(II) hydroxo and iron(III) dihydroxo complexes stabilized by intermolecular hydrogen bonding. <i>Inorganic Chemistry</i> , 2006 , 45, 2403-5	5.1	22
160	Resonating valence bond ground state in oxygen-functionalized phenalenyl-based neutral radical molecular conductors. <i>Journal of the American Chemical Society</i> , 2006 , 128, 1982-94	16.4	118
159	The alpha-iminophospholide ligands. <i>Journal of the American Chemical Society</i> , 2006 , 128, 7716-7	16.4	17
158	Slip-Inversion-Slip Mechanism of Phosphametalocene Isomerization. Spectroscopic Characterization of an (η ⁵ -Phospholyl)titanium Complex. Synthesis and Structures of Chiral Mono(phospholyl)titanium Complexes. <i>Organometallics</i> , 2006 , 25, 1079-1083	3.8	16
157	Nickel coordination compounds of the cyanamido squarate ligand. The crystal structures of the 2,4-bis(cyanamido)cyclobutane-1,3-dione dianion (2,4-NCNsq ²⁻) and of three polymers with general formula [Ni(Him) _x (H ₂ O) _{4-x} (2,4-NCNsq) · yH ₂ O] _n (x = 2; y = 1; Him = imidazole). <i>Inorganica Chimica Acta</i> , 2006 , 359, 484-496	2.7	
156	X-ray structures of dinuclear copper(I) and polynuclear copper(II) complexes with the 2,4-bis(cyanamido)cyclobutane-1,3-dione dianion. <i>Inorganica Chimica Acta</i> , 2006 , 359, 1573-1581	2.7	0
155	A New Synthetic Method for the Preparation of Protonated-NHCs and Related Compounds. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 3201-3205	2.3	66
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35	Vanadacyclopropene Phosphane Cp ₂ V(η ² -PhCC)P(C ⁺ CPh)Ar. <i>Organometallics</i> , 1999 , 18, 1795-1797	3.8	6
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