

# Eduardo Peris

## List of Publications by Citations

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262  
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16,208  
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L-index

#	Paper	IF	Citations
230	Recent homogeneous catalytic applications of chelate and pincer N-heterocyclic carbenes. <i>Coordination Chemistry Reviews</i> , <b>2004</b> , 248, 2239-2246	23.2	1030
229	Complexes with poly(N-heterocyclic carbene) ligands: structural features and catalytic applications. <i>Chemical Reviews</i> , <b>2009</b> , 109, 3677-707	68.1	744
228	Smart N-Heterocyclic Carbene Ligands in Catalysis. <i>Chemical Reviews</i> , <b>2018</b> , 118, 9988-10031	68.1	535
227	Structural and catalytic properties of chelating bis- and tris-N-heterocyclic carbenes. <i>Coordination Chemistry Reviews</i> , <b>2007</b> , 251, 841-859	23.2	420
226	A Pd complex of a tridentate pincer CNC bis-carbene ligand as a robust homogenous Heck catalyst. <i>Chemical Communications</i> , <b>2001</b> , 201-202	5.8	377
225	Palladium Complexes with Tridentate Pincer Bis-Carbene Ligands as Efficient Catalysts for C-C Coupling. <i>Organometallics</i> , <b>2002</b> , 21, 700-706	3.8	339
224	Heterometallic complexes, tandem catalysis and catalytic cooperativity. <i>Chemical Science</i> , <b>2014</b> , 5, 1723-1732	9.432	239
223	New Ruthenium(II) CNC-Pincer Bis(carbene) Complexes: Synthesis and Catalytic Activity. <i>Organometallics</i> , <b>2003</b> , 22, 1110-1114	3.8	233
222	Key factors in pincer ligand design. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 1959-1968	58.5	232
221	Highly stable Cp*-Ir(III) complexes with N-heterocyclic carbene ligands as C-H activation catalysts for the deuteration of organic molecules. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 3974-9	16.4	225
220	Oxidations and Oxidative Couplings Catalyzed by Triazolylidene Ruthenium Complexes. <i>Organometallics</i> , <b>2011</b> , 30, 1162-1167	3.8	221
219	[IrCl(2)Cp*(NHC)] complexes as highly versatile efficient catalysts for the cross-coupling of alcohols and amines. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 11474-9	4.8	218
218	Factors Affecting the Strength of N-H...H-Ir Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 3485-3491	16.4	217
217	An Unusual Type of H...H Interaction: Ir-H...H-O and Ir-H...H-N Hydrogen Bonding and Its Involvement in $\sigma$ -Bond Metathesis. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 11014-11019	16.4	206
216	Mono-, Bi- and Tridentate N-Heterocyclic Carbene Ligands for the Preparation of Transition-Metal-Based Homogeneous Catalysts. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 1700-1716	2.3	195
215	Reactivity Differences in the Syntheses of Chelating N-Heterocyclic Carbene Complexes of Rhodium Are Ascribed to Ligand Anisotropy. <i>Organometallics</i> , <b>2004</b> , 23, 1253-1263	3.8	190
214	First Cp*-Functionalized N-Heterocyclic Carbene and Its Coordination to Iridium. Study of the Catalytic Properties. <i>Organometallics</i> , <b>2008</b> , 27, 1305-1309	3.8	179

213	Chelating bis-carbene rhodium(III) complexes in transfer hydrogenation of ketones and imines. <i>Chemical Communications</i> , <b>2002</b> , 32-3	5.8	173
212	An Unconventional Intermolecular Three-Center N-H <sub>2</sub> Re Hydrogen Bond in Crystalline [ReH <sub>5</sub> (PPh <sub>3</sub> ) <sub>3</sub> ]·Indole·C <sub>6</sub> H <sub>6</sub> . <i>Angewandte Chemie International Edition in English</i> , <b>1995</b> , 34, 2507-2509		170
211	Palladium Catalysts with Sulfonate-Functionalized-NHC Ligands for Suzuki-Miyaura Cross-Coupling Reactions in Water. <i>Organometallics</i> , <b>2011</b> , 30, 684-688	3.8	150
210	Well-defined Ir/Pd complexes with a triazolyl-diylidene bridge as catalysts for multiple tandem reactions. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 14531-7	16.4	142
209	Water-soluble Ir(III) N-heterocyclic carbene based catalysts for the reduction of CO <sub>2</sub> to formate by transfer hydrogenation and the deuteration of aryl amines in water. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 3963-7	4.8	141
208	Iron(II) Complexes Bearing Chelating Cyclopentadienyl-N-Heterocyclic Carbene Ligands as Catalysts for Hydrosilylation and Hydrogen Transfer Reactions. <i>Organometallics</i> , <b>2010</b> , 29, 2777-2782	3.8	141
207	Preparation of a Series of Ru(p-cymene) Complexes with Different N-Heterocyclic Carbene Ligands for the Catalytic Alkylation of Secondary Alcohols and Dimerization of Phenylacetylene. <i>Organometallics</i> , <b>2008</b> , 27, 4254-4259	3.8	134
206	Synthesis, Reactivity, Crystal Structures and Catalytic Activity of New Chelating Bisimidazolium-Carbene Complexes of Rh. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 1215-1223	2.7	127
205	Coordination versatility of pyridine-functionalized N-heterocyclic carbenes: a detailed study of the different activation procedures. Characterization of new Rh and Ir compounds and study of their catalytic activity. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 9961-7	5.1	124
204	Homo- and Heterodinuclear Complexes with Triazolyl-diylidene. An Easy Approach to Tandem Catalysts?. <i>Organometallics</i> , <b>2008</b> , 27, 3570-3576	3.8	123
203	Triazolediylidenes: a versatile class of ligands for the preparation of discrete molecules of homo- and hetero-binuclear complexes for improved catalytic applications. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 3729-31	16.4	122
202	Water Oxidation at Hematite Photoelectrodes with an Iridium-Based Catalyst. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 3826-3833	3.8	121
201	Unprecedented use of silver(I) N-heterocyclic carbene complexes for the catalytic preparation of 1,2-bis(boronate) esters. <i>Chemical Communications</i> , <b>2005</b> , 3056-8	5.8	121
200	Catalytic Hydrodefluorination with Late Transition Metal Complexes. <i>ACS Catalysis</i> , <b>2014</b> , 4, 3152-3159	13.1	117
199	Catalyst Enhancement and Recyclability by Immobilization of Metal Complexes onto Graphene Surface by Noncovalent Interactions. <i>ACS Catalysis</i> , <b>2014</b> , 4, 2038-2047	13.1	116
198	Hydrodefluorination of carbon-fluorine bonds by the synergistic action of a ruthenium-palladium catalyst. <i>Nature Communications</i> , <b>2013</b> , 4, 2553	17.4	115
197	One-pot preparation of imines from nitroarenes by a tandem process with an Ir-Pd heterodimetallic catalyst. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 10502-6	4.8	113
196	'(eta(6)-arene)Ru(bis-NHC)' complexes for the reduction of CO(2) to formate with hydrogen and by transfer hydrogenation with iPrOH. <i>Dalton Transactions</i> , <b>2010</b> , 39, 6339-43	4.3	112

- 195 An Unusual Example of Base-Free Catalyzed Reduction of C=O and C≡NR Bonds by Transfer Hydrogenation and Some Useful Implications. *Organometallics*, **2008**, 27, 1954-1958 3.8 111
- 194 Domino Approach to Benzofurans by the Sequential Sonogashira/Hydroalkoxylation Couplings Catalyzed by New N-Heterocyclic-Carbene-Palladium Complexes. *Organometallics*, **2009**, 28, 4335-4339 3.8 109
- 193 Aliphatic and Aromatic C≡H Activation on Cp\*Ir(NHC) Complexes. *Organometallics*, **2006**, 25, 4002-4008 3.8 105
- 192 Ruthenium Janus-Head Complexes with a Triazole-ylidene Ligand. Structural Features and Catalytic Applications. *Organometallics*, **2007**, 26, 6050-6054 3.8 103
- 191 An N-heterocyclic carbene/iridium hydride complex from the oxidative addition of a ferrocenyl-bisimidazolium salt: implications for synthesis. *Angewandte Chemie - International Edition*, **2005**, 44, 444-7 16.4 103
- 190 Synthesis of a Dirhodium(I) Bisimidazolium Carbene Complex and Catalytic Activity toward Hydroformylation of Olefins. High-Pressure NMR Spectroscopy of the Catalyst under Catalytic Conditions. *Organometallics*, **2003**, 22, 440-444 3.8 102
- 189 Carbene complexes of rhodium and iridium from tripodal N-heterocyclic carbene ligands: synthesis and catalytic properties. *Inorganic Chemistry*, **2004**, 43, 2213-9 5.1 100
- 188 A New Rhodium(III) Complex with a Tripodal Bis(imidazolyidene) Ligand. Synthesis and Catalytic Properties. *Organometallics*, **2004**, 23, 323-325 3.8 98
- 187 Synthesis and Reactivity of New Complexes of Rhodium and Iridium with Bis(dichloroimidazolyidene) Ligands. Electronic and Catalytic Implications of the Introduction of the Chloro Substituents in the NHC Rings. *Organometallics*, **2006**, 25, 3063-3069 3.8 96
- 186 A New Approach to the Reduction of Carbon Dioxide: CO<sub>2</sub> Reduction to Formate by Transfer Hydrogenation in iPrOH. *Organometallics*, **2010**, 29, 275-277 3.8 95
- 185 A Weak Donor, Planar Chelating Bitriazole N-Heterocyclic Carbene Ligand for Ruthenium(II), Palladium(II), and Rhodium. *Organometallics*, **2008**, 27, 2128-2136 3.8 95
- 184 Triphenylene-based tris(N-heterocyclic carbene) ligand: unexpected catalytic benefits. *Angewandte Chemie - International Edition*, **2013**, 52, 7009-13 16.4 94
- 183 C≡H Oxidative Addition of Bisimidazolium Salts to Iridium and Rhodium Complexes, and N-Heterocyclic Carbene Generation. A Combined Experimental and Theoretical Study. *Organometallics*, **2006**, 25, 1120-1134 3.8 90
- 182 Aliphatic versus Aromatic C≡H Activation in the Formation of Abnormal Carbenes with Iridium: A Combined Experimental and Theoretical Study. *Organometallics*, **2007**, 26, 5304-5314 3.8 88
- 181 Coinage metal complexes with N-heterocyclic carbene ligands as selective catalysts in diboration reaction. *Tetrahedron: Asymmetry*, **2006**, 17, 1759-1762 88
- 180 Synthesis and reactivity of new chelate-N-heterocyclic biscarbene complexes of ruthenium. *Inorganic Chemistry*, **2004**, 43, 1793-8 5.1 88
- 179 Alternative Energy Input for Transfer Hydrogenation using Iridium NHC Based Catalysts in Glycerol as Hydrogen Donor and Solvent. *Organometallics*, **2012**, 31, 3911-3919 3.8 80
- 178 Synthesis and characterization of new ferrocenyl heterobimetallic compounds with high NLO responses. *Journal of Organometallic Chemistry*, **1998**, 562, 197-202 2.3 80

177	New types of hydrogen bonds. <i>Journal of Organometallic Chemistry</i> , <b>1998</b> , 567, 7-11	2.3	79
176	$\text{Cp}^*\text{Ir(III)}$ Complexes with Hemicleaveable Ligands of the Type N-Alkenyl Imidazolin-2-ylidene. Reactivity and Catalytic Properties. <i>Organometallics</i> , <b>2007</b> , 26, 3492-3498	3.8	77
175	New Rh(I) and Rh(III) bisimidazol-2-ylidene complexes: synthesis, reactivity, and molecular structures. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 2572-6	5.1	77
174	Sulfonate-Functionalized NHC-Based Ruthenium Catalysts for the Isomerization of Allylic Alcohols in Water. Recyclability Studies. <i>Organometallics</i> , <b>2010</b> , 29, 3661-3664	3.8	74
173	Catalytic Diboration of Unsaturated Molecules with Platinum(0) NHC: Selective Synthesis of 1,2-Dihydroxysulfones. <i>Organometallics</i> , <b>2006</b> , 25, 5829-5831	3.8	73
172	Preparation of a new clay-immobilized highly stable palladium catalyst and its efficient recyclability in the Heck reaction. <i>New Journal of Chemistry</i> , <b>2003</b> , 27, 425-431	3.6	73
171	Iridium NHC Based Catalysts for Transfer Hydrogenation Processes Using Glycerol as Solvent and Hydrogen Donor. <i>Organometallics</i> , <b>2011</b> , 30, 5532-5536	3.8	72
170	A simple catalyst for the efficient benzylation of arenes by using alcohols, ethers, styrenes, aldehydes, or ketones. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 4610-3	4.8	72
169	Electrospray Ionization Mass Spectrometry Studies on the Mechanism of Hydrosilylation of Terminal Alkynes Using an N-Heterocyclic Carbene Complex of Iridium, Allow Detection/Characterization of All Reaction Intermediates?. <i>Organometallics</i> , <b>2006</b> , 25, 3713-3720	3.8	70
168	An Ir-Pt catalyst for the multistep preparation of functionalized indoles from the reaction of amino alcohols and alkynyl alcohols. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 13109-15	4.8	69
167	Immobilization of Pyrene-Tagged Palladium and Ruthenium Complexes onto Reduced Graphene Oxide: An Efficient and Highly Recyclable Catalyst for Hydrodefluorination. <i>Organometallics</i> , <b>2015</b> , 34, 1186-1190	3.8	67
166	Synthesis and Catalytic Properties of Two Trinuclear Complexes of Rhodium and Iridium with the N-Heterocyclic Tris-carbene Ligand TIMENiPr. <i>Organometallics</i> , <b>2005</b> , 24, 3158-3162	3.8	67
165	Y-Shaped Tris-N-Heterocyclic-Carbene Ligand for the Preparation of Multifunctional Catalysts of Iridium, Rhodium, and Palladium. <i>Organometallics</i> , <b>2012</b> , 31, 5606-5614	3.8	64
164	Dual catalysis with an Ir(III)-Au(I) heterodimetallc complex: reduction of nitroarenes by transfer hydrogenation using primary alcohols. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 6380-5	4.8	64
163	Improved Sonogashira C-C coupling through clay supported palladium complexes with tridentate pincer bis-carbene ligands. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 6595-6599	2	64
162	Heterobimetallic Iridium-Ruthenium Assemblies through an Ambidentate Triazole-Diylidene Ligand: Electrochemical Properties and Catalytic Behavior in a Cascade Reaction. <i>Organometallics</i> , <b>2012</b> , 31, 6450-6456	3.8	63
161	Easy preparation of $\text{Cp}^*$ -functionalized N-heterocyclic carbenes and their coordination to rhodium and iridium. <i>Dalton Transactions</i> , <b>2009</b> , 6960-6	4.3	62
160	First homoleptic MIC and heteroleptic NHC-MIC coordination cages from 1,3,5-triphenylbenzene-bridged tris-MIC and tris-NHC ligands. <i>Chemical Communications</i> , <b>2015</b> , 51, 13914-7	5.8	61

159	Hexanuclear Cylinder-Shaped Assemblies of Silver and Gold from BenzeneHexa-N-heterocyclic Carbenes. <i>Organometallics</i> , <b>2014</b> , 33, 5077-5080	3.8	61
158	New routes to carbene complexes for thermally and oxidatively robust homogeneous catalysts. <i>Comptes Rendus Chimie</i> , <b>2003</b> , 6, 33-37	2.7	60
157	Polyaromatic N-heterocyclic carbene ligands and $\pi$ -stacking. Catalytic consequences. <i>Chemical Communications</i> , <b>2016</b> , 52, 5777-87	5.8	60
156	Synthesis of Nanometer-Sized Cylinder-Like Structures from a 1,3,5-Triphenylbenzene-Bridged Tris-NHC Ligand and AgI, AuI, and CuI. <i>Organometallics</i> , <b>2014</b> , 33, 6898-6904	3.8	58
155	Cyclopentadienyl-, Indenyl- and Fluorenyl-Functionalized N-Heterocyclic Carbene Metal Complexes: Synthesis and Catalytic Applications. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 1309-1318	2.3	57
154	( $\eta^6$ -Arene)ruthenium(N-heterocyclic carbene) Complexes for the Chelation-Assisted Arylation and Deuteration of Arylpyridines: Catalytic Studies and Mechanistic Insights. <i>Advanced Synthesis and Catalysis</i> , <b>2010</b> , 352, 1155-1162	5.6	57
153	Routes to N-Heterocyclic Carbene Complexes <b>2006</b> , 83-116		57
152	Pyracene-linked bis-imidazolylidene complexes of palladium and some catalytic benefits produced by bimetallic catalysts. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 10405-11	4.8	56
151	Synthesis and structural chemistry of arene-ruthenium half-sandwich complexes bearing an oxazolonylcarbene ligand. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 2713-2720	2.3	56
150	Ferrocenyl-Imidazolylidene Ligand for Redox-Switchable Gold-Based Catalysis. A Detailed Study on the Redox-Switching Abilities of the Ligand. <i>Organometallics</i> , <b>2016</b> , 35, 2747-2758	3.8	56
149	Pyracenebis(imidazolylidene): A New Janus-Type Biscarbene and Its Coordination to Rhodium and Iridium. <i>Organometallics</i> , <b>2012</b> , 31, 4623-4626	3.8	55
148	First Cyclic Carbodiphosphoranes of Copper(I) and Gold(I) and Their Application in the Catalytic Cleavage of X-H Bonds (X = N and O). <i>Organometallics</i> , <b>2009</b> , 28, 326-330	3.8	55
147	A planar chelating bitriazole N-heterocyclic carbene ligand and its rhodium(III) and dirhodium(II) complexes. <i>Chemical Communications</i> , <b>2007</b> , 2267-9	5.8	55
146	Palladium Complexes with Triazolylidene. Structural Features and Catalytic Applications. <i>Organometallics</i> , <b>2009</b> , 28, 1480-1483	3.8	54
145	Palladium-NHC complexes do catalyse the diboration of alkenes: mechanistic insights. <i>Chemical Communications</i> , <b>2007</b> , 3380-2	5.8	54
144	Pyrene-based bisazolium salts: from luminescence properties to janus-type bis-N-heterocyclic carbenes. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 9716-24	4.8	53
143	From long-chain conjugated oligomers to dendrimers: synthesis and physical properties of phenyl-ethenyl-ferrocenyl containing one- and two-dimensional complexes. <i>Coordination Chemistry Reviews</i> , <b>2004</b> , 248, 279-297	23.2	53
142	N-Heterocyclic Carbenes: A Door Open to Supramolecular Organometallic Chemistry. <i>Accounts of Chemical Research</i> , <b>2020</b> , 53, 1401-1413	24.3	51

141	Enantioselective Preparation of a Chiral-at-Metal Cp*Ir(NHC) Complex and Its Application in the Catalytic Diboration of Olefins. <i>Organometallics</i> , <b>2007</b> , 26, 4350-4353	3.8	51
140	Preparation of Cp-Functionalized N-Heterocyclic Carbene Complexes of Ruthenium. Resolution of Chiral Complexes and Catalytic Studies. <i>Organometallics</i> , <b>2010</b> , 29, 1832-1838	3.8	49
139	Mechanism of Formation of Silver N-Heterocyclic Carbenes Using Silver Oxide: A Theoretical Study. <i>Organometallics</i> , <b>2007</b> , 26, 6170-6183	3.8	49
138	Unveiling the Importance of $\pi$ -Stacking in Borrowing-Hydrogen Processes Catalysed by Iridium Complexes with Pyrene Tags. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 15263-71	4.8	48
137	Cation-Driven Self-Assembly of a Gold(I)-Based Metallo-Tweezer. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 9786-9790	16.4	47
136	Alkenyl-Functionalized NHC iridium-based catalysts for hydrosilylation. <i>New Journal of Chemistry</i> , <b>2008</b> , 32, 120-126	3.6	47
135	High-Fidelity, Narcissistic Self-Sorting in the Synthesis of Organometallic Assemblies from Poly-NHC Ligands. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 7393-7397	16.4	46
134	Molybdenum(II) Complexes Containing Cyclopentadienyl-Functionalized N-Heterocyclic Carbenes: Synthesis, Structure, and Application in Olefin Epoxidation. <i>Organometallics</i> , <b>2009</b> , 28, 4544-4549	3.8	45
133	Nickel-Cornered Molecular Rectangles as Polycyclic Aromatic Hydrocarbon Receptors. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 6675-6681	4.8	44
132	The active role of NHC ligands in platinum-mediated tandem hydroboration-cross coupling reactions. <i>Chemical Communications</i> , <b>2007</b> , 2184-6	5.8	44
131	A Size-Flexible Organometallic Box for the Encapsulation of Fullerenes. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 5682-5686	16.4	43
130	Intramolecular N $\pi$ ? X $\pi$ (X = H, F) hydrogen bonding in metal complexes. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 2573-2573		42
129	A Pyrene-Based N-Heterocyclic Carbene: Study of Its Coordination Chemistry and Stereoelectronic Properties. <i>Organometallics</i> , <b>2014</b> , 33, 394-401	3.8	41
128	Pyrene-Based Mono- and Di-N-Heterocyclic Carbene Ligand Complexes of Ruthenium for the Preparation of Mixed Arylated/Alkylated Arylpyridines. <i>ACS Catalysis</i> , <b>2014</b> , 4, 2811-2817	13.1	41
127	d0 and d2 Polyhydrides as unconventional proton acceptors in Intermolecular hydrogen bonding. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1995</b> , 2175		41
126	Unconventional reactivity of imidazolylidene pyridylidene ligands in iridium(III) and rhodium(III) complexes. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 10841-5	16.4	40
125	Double C-H bond activation of C(sp <sup>3</sup> )H <sub>2</sub> groups for the preparation of complexes with back-to-back bisimidazolynylidenes. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 7666-9	16.4	40
124	Syntheses, Structures and Nonlinear Optical Properties of Ferrocenyl Complexes with Arylethenyl Substituents. <i>European Journal of Inorganic Chemistry</i> , <b>2001</b> , 2001, 2113-2122	2.3	40

- 123 A Rigid Trigonal-Prismatic Hexagold Metallocage That Behaves as a Coronene Trap. *Angewandte Chemie - International Edition*, **2019**, 58, 6693-6697 16.4 38
- 122 A Hemilabile and Cooperative N-Donor-Functionalized 1,2,3-Triazol-5-Ylidene Ligand for Alkyne Hydrothiolation Reactions. *Chemistry - A European Journal*, **2017**, 23, 1393-1401 4.8 38
- 121 Shvo's Catalyst and [IrCp\*Cl<sub>2</sub>(amidine)] Effectively Catalyze the Formation of Tertiary Amines from the Reaction of Primary Alcohols and Ammonium Salts. *Advanced Synthesis and Catalysis*, **2011**, 353, 2078-2084 5.6 38
- 120 Experimental and theoretical approaches to the influence of the addition of pyrene to a series of Pd and Ni NHC-based complexes: catalytic consequences. *Chemistry - A European Journal*, **2015**, 21, 1578-1588 4.8 37
- 119 Main-chain organometallic microporous polymers bearing triphenylene-tris(N-heterocyclic carbene)-gold species: catalytic properties. *Chemistry - A European Journal*, **2014**, 20, 5746-51 4.8 37
- 118 Gold(I) Metallo-Tweezers for the Recognition of Functionalized Polycyclic Aromatic Hydrocarbons by Combined  $\pi$ -Stacking and H-Bonding. *Chemistry - A European Journal*, **2017**, 23, 14439-14444 4.8 37
- 117 Triazolediylidenes: A Versatile Class of Ligands for the Preparation of Discrete Molecules of Homo- and Hetero-Binuclear Complexes for Improved Catalytic Applications. *Angewandte Chemie*, **2007**, 119, 3803-3805 3.6 36
- 116 A Shape-Adaptable Organometallic Supramolecular Coordination Cage for the Encapsulation of Fullerenes. *Chemistry - A European Journal*, **2018**, 24, 14802-14807 4.8 35
- 115 Chiral Palladacycles with N-Heterocyclic Carbene Ligands as Catalysts for Asymmetric Hydrophosphination. *Organometallics*, **2013**, 32, 1112-1120 3.8 35
- 114 Large second-order NLO properties of new conjugated oligomers with a pendant ferrocenyl and an end-capped pyridine. *New Journal of Chemistry*, **2001**, 25, 1043-1046 3.6 35
- 113 A Y-Shaped Tris-N-Heterocyclic Carbene for the Synthesis of Simultaneously Chelate-Monodentate Dipalladium Complexes. *Organometallics*, **2011**, 30, 5985-5990 3.8 34
- 112 Postmodification of the electronic properties by addition of  $\pi$ -stacking additives in N-heterocyclic carbene complexes with extended polyaromatic systems. *Inorganic Chemistry*, **2015**, 54, 3654-9 5.1 33
- 111 Palladium N-Heterocyclic Carbene Catalysts for the Ultrasound-Promoted Suzuki-Miyaura Reaction in Glycerol. *Advanced Synthesis and Catalysis*, **2013**, 355, 1107-1116 5.6 33
- 110 Intramolecular oxidation of the alcohol functionalities in hydroxyalkyl-N-heterocyclic carbene complexes of iridium and rhodium. *Chemistry - A European Journal*, **2011**, 17, 10453-61 4.8 33
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13	Synthesis and Characterization of Poly-NHC-Derived Silver(I) Assemblies and Their Transformation into Poly-Imidazolium Macrocycles. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 2442-2451	2.3	3
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11	Template-Controlled Synthesis of Polyimidazolium Salts by Multiple [2+2] Cycloaddition Reactions. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 11565-11570	4.8	3
10	Preparation and self-aggregation properties of a series of pyrene-imidazolylidene complexes of gold (I). <i>Journal of Organometallic Chemistry</i> , <b>2020</b> , 917, 121284	2.3	2
9	Novel ferrocenyl-oxazoline ligands: first preparation of non-symmetrical bis(oxazoline). <i>Polyhedron</i> , <b>2004</b> , 23, 611-616	2.7	2
8	Insights into the past and future of Janus-di-N-heterocyclic carbenes. <i>Dalton Transactions</i> , <b>2021</b> , 50, 12748-12763	4.3	1
7	A Redox-Switchable Gold(I) Complex for the Hydroamination of Acetylenes: A Convenient Way for Studying Ligand-Derived Electronic Effects. <i>ACS Catalysis</i> , 4465-4472	13.1	2
6	Recent Developments in the Synthesis and Applications of Rhodium and Iridium Complexes Bearing N-Heterocyclic Carbene Ligands <b>2014</b> , 271-306		1
5	A resorcinarene-based tetrabenzoimidazolylidene complex of rhodium. <i>Dalton Transactions</i> , <b>2020</b> , 49, 3181-3186	4.3	1
4	Redox-Switchable Cycloisomerization of Alkynoic Acids with Naphthalenediimide-Derived N-Heterocyclic Carbene Complexes. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 20156-20164	3.6	1
3	Ion Mobility Mass Spectrometry Uncovers Guest-Induced Distortions in a Supramolecular Organometallic Metallosquare. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 15540-15545	3.6	0
2	Iridium N-Heterocyclic Carbene Complexes and Their Application as Homogeneous Catalysts 39-54		
1	The oxotungsten(IV) complex [WOCl(Ph <sub>2</sub> PCH <sub>2</sub> CH <sub>2</sub> PPh <sub>2</sub> ) <sub>2</sub> ]PF <sub>6</sub> .CHCl <sub>3</sub> . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1999</b> , 55, 506-508		