

Alceo Macchioni

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213
papers

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h-index

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227
ext. papers

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ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
213	Determining accurate molecular sizes in solution through NMR diffusion spectroscopy. <i>Chemical Society Reviews</i> , 2008 , 37, 479-89	58.5	465
212	Ion pairing in transition-metal organometallic chemistry. <i>Chemical Reviews</i> , 2005 , 105, 2039-73	68.1	441
211	Simple and hydrolyzable compounds in virgin olive oil. 3. Spectroscopic characterizations of the secoiridoid derivatives.. <i>Journal of Agricultural and Food Chemistry</i> , 1993 , 41, 2228-2234	5.7	416
210	Ultralarge hyperpolarizability twisted pi-electron system electro-optic chromophores: synthesis, solid-state and solution-phase structural characteristics, electronic structures, linear and nonlinear optical properties, and computational studies. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3267-86	16.4	230
209	Phenolic compounds of olive fruit: one- and two-dimensional nuclear magnetic resonance characterization of NMR and its distribution in the constitutive parts of fruit. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 12-8	5.7	176
208	An anion-dependent switch in selectivity results from a change of C-H activation mechanism in the reaction of an imidazolium salt with IrH5(PPh3)2. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16299-311	16.4	160
207	NOE and PGSE NMR spectroscopic studies of solution structure and aggregation in metallocenium ion-pairs. <i>Journal of the American Chemical Society</i> , 2004 , 126, 1448-64	16.4	153
206	Iridium(III) molecular catalysts for water oxidation: the simpler the faster. <i>Chemical Communications</i> , 2010 , 46, 9218-9	5.8	144
205	High-performance liquid chromatography evaluation of phenols in olive fruit, virgin olive oil, vegetation waters, and pomace and 1D- and 2D-nuclear magnetic resonance characterization. <i>JAOCs, Journal of the American Oil Chemists Society</i> , 1999 , 76, 873-882	1.8	144
204	Activity and degradation pathways of pentamethyl-cyclopentadienyl-iridium catalysts for water oxidation. <i>Green Chemistry</i> , 2011 , 13, 3360	10	134
203	An Accurate Methodology to Identify the Level of Aggregation in Solution by PGSE NMR Measurements: The Case of Half-Sandwich Diamino Ruthenium(II) Salts. <i>Organometallics</i> , 2005 , 24, 3476-3486	3.8	127
202	Ion pairing in cationic olefin-gold(I) complexes. <i>Journal of the American Chemical Society</i> , 2009 , 131, 3170-4	16.4	124
201	Exceptional molecular hyperpolarizabilities in twisted pi-electron system chromophores. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7922-5	16.4	115
200	Suppression of β -Hydride Chain Transfer in Nickel(II)-Catalyzed Ethylene Polymerization via Weak Fluorocarbon Ligand-Product Interactions. <i>Organometallics</i> , 2012 , 31, 3773-3789	3.8	114
199	Synthesis, Ion Aggregation, Alkyl Bonding Modes, and Dynamics of 14-Electron Metallocenium Ion Pairs [(SBI)MCH2SiMe3+K-] (M = Zr, Hf): Inner-Sphere (X = MeB(C6F5)3) versus Outer-Sphere (X = B(C6F5)4) Structures and the Implications for Continuous or Intermittent Alkene Polymerization. <i>Journal of the American Chemical Society</i> , 2007 , 129, 1217-1222	3.8	101
198	Intra- and intermolecular NMR studies on the activation of arylcyclometallated hafnium pyridyl-amido olefin polymerization precatalysts. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10354-68	16.4	98
197	Counterion Effect on CO/Styrene Copolymerization Catalyzed by Cationic Palladium(II) Organometallic Complexes: An Interionic Structural and Dynamic Investigation Based on NMR Spectroscopy. <i>Organometallics</i> , 1999 , 18, 3061-3069	3.8	96

196	A phosphine gold(I) pi-alkyne complex: tuning the metal-alkyne bond character and counterion position by the choice of the ancillary ligand. <i>Inorganic Chemistry</i> , 2010 , 49, 3080-2	5.1	88
195	Elucidation of the Solution Structures of Transition Metal Complex Ion Pairs by NOE NMR Experiments. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 195-205	2.3	88
194	On the First Insertion of H_2 Olefins in Hafnium Pyridyl-Amido Polymerization Catalysts. <i>Organometallics</i> , 2009 , 28, 5445-5458	3.8	85
193	Probing the association of frustrated phosphine-borane Lewis pairs in solution by NMR spectroscopy. <i>Journal of the American Chemical Society</i> , 2014 , 136, 112-5	16.4	80
192	An NMR Study of the Oxidative Degradation of Cp*Ir Catalysts for Water Oxidation: Evidence for a Preliminary Attack on the Quaternary Carbon Atom of the $\text{C}(\text{CH}_3)_3$ Moiety. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 1462-1468	2.3	77
191	NMR investigation of non-covalent aggregation of coordination compounds ranging from dimers and ion pairs up to nano-aggregates. <i>Coordination Chemistry Reviews</i> , 2008 , 252, 2224-2238	23.2	74
190	Organometallic Iridium Catalysts Based on Pyridinecarboxylate Ligands for the Oxidative Splitting of Water. <i>Organometallics</i> , 2012 , 31, 8071-8074	3.8	73
189	Substantial Improvement of Pyridine-Carbene Iridium Water Oxidation Catalysts by a Simple Methyl-to-Octyl Substitution. <i>ACS Catalysis</i> , 2015 , 5, 2714-2718	13.1	69
188	Ligand Effects on Bonding and Ion Pairing in Cationic Gold(I) Catalysts Bearing Unsaturated Hydrocarbons. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 4121-4135	2.3	69
187	Dynamic and structural NMR studies of cavitand-based coordination cages. <i>Journal of the American Chemical Society</i> , 2005 , 127, 7025-32	16.4	69
186	Interionic Structure of Ion Pairs and Ion Quadruples of Half-Sandwich Ruthenium(II) Salts Bearing N^2 Diimine Ligands. <i>Organometallics</i> , 2007 , 26, 3930-3946	3.8	68
185	The Chemical Bond in Gold(I) Complexes with N-Heterocyclic Carbenes. <i>Organometallics</i> , 2014 , 33, 4200-4208	4.8	67
184	^{19}F , $(1)\text{H}$ -HOESY and PGSE NMR studies of neutral trinuclear complexes of Au(I) and Hg(II): evidence for acid-base stacking in solution. <i>Journal of the American Chemical Society</i> , 2002 , 124, 4570-1	16.4	65
183	Fate of Pig Sludge Liquid Fraction in Calcareous Soil: Agricultural and Environmental Implications. <i>Journal of Environmental Quality</i> , 1998 , 27, 364-371	3.4	65
182	Assessing the Role of Counterion in Gold-Catalyzed Dearomatization of Indoles with Allenamides by NMR Studies. <i>ACS Catalysis</i> , 2015 , 5, 3911-3915	13.1	63
181	Transformation of a Cp*-iridium(III) precatalyst for water oxidation when exposed to oxidative stress. <i>Chemistry - A European Journal</i> , 2014 , 20, 3446-56	4.8	60
180	Cyclometalated Ir(III) complexes with substituted 1,10-phenanthrolines: a new class of efficient cationic organometallic second-order NLO chromophores. <i>Chemistry - A European Journal</i> , 2010 , 16, 4814-25	4.8	60
179	Ion pairing effects in intramolecular heterolytic H_2 activation in an Ir(III) complex: a combined theoretical/experimental study. <i>New Journal of Chemistry</i> , 2003 , 27, 80-87	3.6	60

178	When the Tolman electronic parameter fails: a comparative DFT and charge displacement study of [(L)Ni(CO)](0/-) and [(L)Au(CO)](0/+). <i>Inorganic Chemistry</i> , 2014 , 53, 9907-16	5.1	59
177	The effect of counterion/ligand interplay on the activity and stereoselectivity of palladium(II)-diimine catalysts for CO/p-methylstyrene copolymerization. <i>Chemistry - A European Journal</i> , 2007 , 13, 1570-82	4.8	59
176	Selective Ion Pairing in [Ir(bipy)H ₂ (PRPh ₂) ₂]A (A = PF ₆ , BF ₄ , CF ₃ SO ₃ , BPh ₄ , R = Me, Ph): Experimental Identification and Theoretical Understanding. <i>Organometallics</i> , 2001 , 20, 2367-2373	3.8	57
175	Unexpected anion effect in the alkoxylation of alkynes catalyzed by N-heterocyclic carbene (NHC) cationic gold complexes. <i>Chemistry - A European Journal</i> , 2014 , 20, 14594-8	4.8	56
174	Mechanistic Aspects of Water Oxidation Catalyzed by Organometallic Iridium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 690-697	2.3	56
173	Self-Diffusion Coefficients of Transition-Metal Complex Ions, Ion Pairs, and Higher Aggregates by Pulsed Field Gradient Spin Echo NMR Measurements. <i>Organometallics</i> , 2000 , 19, 4663-4665	3.8	55
172	Solution structure investigation of Ru(II) complex ion pairs: quantitative NOE measurements and determination of average interionic distances. <i>Journal of the American Chemical Society</i> , 2001 , 123, 11020-8	16.4	54
171	Uni et Trini In Situ Diversification of (Pyridylamide)hafnium(IV) Catalysts. <i>Macromolecules</i> , 2009 , 42, 4369-4373	5.5	53
170	Application of NOE and PGSE NMR Methodologies to Investigate Non-Covalent Intimate Inorganic Adducts in Solution. <i>Comments on Inorganic Chemistry</i> , 2002 , 23, 417-450	3.9	53
169	NHC-Gold-Alkyne Complexes: Influence of the Carbene Backbone on the Ion Pair Structure. <i>Organometallics</i> , 2013 , 32, 4444-4447	3.8	52
168	Cationic Bis- and Tris(1-(pyrazol-1-yl)methane) Acetyl Complexes of Iron(II) and Ruthenium(II): Synthesis, Characterization, Reactivity, and Interionic Solution Structure by NOESY NMR Spectroscopy. <i>Organometallics</i> , 1997 , 16, 2139-2145	3.8	52
167	Application of 1H-NOESY NMR Spectroscopy to the Investigation of Ion Pair Solution Structures of Organometallic Complexes by the Detection of Interionic Contacts. <i>Organometallics</i> , 1996 , 15, 4349-4351	3.8	52
166	Selectively measuring back-donation in gold(I) complexes by NMR spectroscopy. <i>Chemistry - A European Journal</i> , 2015 , 21, 2467-73	4.8	50
165	An Alternative Reaction Pathway for Iridium-Catalyzed Water Oxidation Driven by Cerium Ammonium Nitrate (CAN). <i>ACS Catalysis</i> , 2016 , 6, 4559-4563	13.1	49
164	PGSE and NOE NMR evidence for higher order aggregation in some cationic ruthenium complexes in both protic and aprotic solvents. <i>Inorganic Chemistry</i> , 2003 , 42, 5465-7	5.1	49
163	Interionic Solution Structure of [PtMe(1-olefin)(N,N-diimine)]BF ₄ Complexes by 19F{1H}-HOESY NMR Spectroscopy: Effect of the Substituents on the Accessibility of the Counterion to the Metal. <i>Organometallics</i> , 1999 , 18, 4367-4372	3.8	49
162	Ultra-High-Response, Multiply Twisted Electro-optic Chromophores: Influence of System Elongation and Interplanar Torsion on Hyperpolarizability. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12521-38	16.4	47
161	Synthesis and intramolecular and interionic structural characterization of half-sandwich (arene)ruthenium(II) derivatives of bis(pyrazolyl)alkanes. <i>Inorganic Chemistry</i> , 2008 , 47, 11593-603	5.1	46

160	COMPOSITION CHANGES OF DISSOLVED ORGANIC MATTER IN A SOIL AMENDED WITH MUNICIPAL WASTE COMPOST. <i>Soil Science</i> , 1997 , 162, 919-926	0.9	46
159	Evidence for mixed-ion clusters in metallocene catalysts: influence on ligand exchange dynamics and catalyst activity. <i>Journal of the American Chemical Society</i> , 2007 , 129, 9282-3	16.4	44
158	Experimental Evidence for the Aggregation of [(Phen) ₂ Pd ₂ (H)(ECO)] ⁺ in Solution. <i>Organometallics</i> , 2003 , 22, 1526-1533	3.8	43
157	Extremely Active, Tunable, and pH-Responsive Iridium Water Oxidation Catalysts. <i>ACS Energy Letters</i> , 2017 , 2, 105-110	20.1	42
156	Activity and Recyclability of an Iridium-EDTA Water Oxidation Catalyst Immobilized onto Rutile TiO ₂ . <i>ACS Catalysis</i> , 2015 , 5, 264-271	13.1	42
155	Iridium-EDTA as an efficient and readily available catalyst for water oxidation. <i>ChemSusChem</i> , 2012 , 5, 1415-9	8.3	41
154	Ligand Mobility and Solution Structures of the Metallocenium Ion Pairs [Me ₂ C(Cp)(fluorenyl)MCH ₂ SiMe ₃ +X] ⁺ (M = Zr, Hf; X = MeB(C ₆ F ₅) ₃ , B(C ₆ F ₅) ₄). <i>Organometallics</i> , 2008 , 27, 5474-5487	3.8	41
153	Synthesis and Structural Studies of Cationic Bis- and Tris(pyrazol-1-yl)methane Acyl and Methyl Complexes of Ruthenium(II): Localization of the Counterion in Solution by NOESY NMR Spectroscopy. <i>Organometallics</i> , 1998 , 17, 5549-5556	3.8	41
152	Molecular Structure, Acidic Properties, and Kinetic Behavior of the Cationic Complex (Methyl)(dimethyl sulfoxide)(bis-2-pyridylamine)platinum(II) Ion. <i>Inorganic Chemistry</i> , 1998 , 37, 5460-5466	5.1	41
151	A combined NMR/DFT study on the ion pair structure of [(PR ₁ (2)R ₂)Au(η ³ -hexyne)]BF ₄ complexes. <i>Dalton Transactions</i> , 2013 , 42, 4122-31	4.3	39
150	Probing the interactions between all components of the catalytic pool for homogeneous olefin polymerisation by diffusion NMR spectroscopy. <i>Dalton Transactions</i> , 2013 , 42, 9104-11	4.3	39
149	Activation of a bis(phenoxy-amine) precatalyst for olefin polymerisation: first evidence for an outer sphere ion pair with the methylborate counterion. <i>Dalton Transactions</i> , 2009 , 8824-7	4.3	39
148	Aggregation in solution of neutral half-sandwich Ru(II) precatalysts for transfer hydrogenation. <i>New Journal of Chemistry</i> , 2005 , 29, 430	3.6	39
147	Ion pairing in NHC gold(I) olefin complexes: A combined experimental/theoretical study. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 2679-2686	2.3	38
146	Self-Aggregation of Amino-Acidate Half-Sandwich Ruthenium(II) Complexes in Solution: From Monomers to Nanoaggregates. <i>Organometallics</i> , 2007 , 26, 489-496	3.8	38
145	A Single Organoiridium Complex Generating Highly Active Catalysts for both Water Oxidation and NAD ⁺ /NADH Transformations. <i>ACS Catalysis</i> , 2017 , 7, 7788-7796	13.1	37
144	Self-aggregation tendency of zirconocenium ion pairs which model polymer-chain-carrying species in aromatic and aliphatic solvents with low polarity. <i>Chemistry - A European Journal</i> , 2008 , 14, 6589-92	4.8	37
143	From atactic to isotactic CO/p-methylstyrene copolymer by proper modification of Pd(II) catalysts bearing achiral alpha-diimines. <i>Chemical Communications</i> , 2005 , 92-4	5.8	37

- 142 Metal-directed self-assembly of cavitand frameworks. *Journal of Organic Chemistry*, **2006**, 71, 2617-24 4.2 37
- 141 Direct observation of an equilibrium between two anion-cation orientations in olefin Pt(II) complex ion pairs by HOESY NMR spectroscopy. *New Journal of Chemistry*, **2003**, 27, 455-458 3.6 37
- 140 Solution structure investigations of olefin Pd(II) and Pt(II) complex ion pairs bearing η^2 -imine ligands by ^{19}F , ^1H -HOESY NMR. *Inorganica Chimica Acta*, **2002**, 330, 44-51 2.7 36
- 139 Fluxional behavior of the dinitrogen ligand 2,9-dimethyl-1,10-phenanthroline in cationic methyl platinum(II) complexes. *Inorganic Chemistry*, **2001**, 40, 3293-302 5.1 36
- 138 New iridium(III) organometallic complexes bearing strong electron donating bidentate ligands as catalysts for water oxidation. *Journal of Organometallic Chemistry*, **2014**, 771, 24-32 2.3 35
- 137 Aggregation tendency and reactivity toward AgX of cationic half-sandwich ruthenium(II) complexes bearing neutral N,O-ligands. *Dalton Transactions*, **2006**, 1963-71 4.3 35
- 136 Intramolecular and Interionic Structural Studies of Novel Olefin Palladium(II) and Platinum(II) Complexes Containing Poly(pyrazol-1-yl)borate and -methane Ligands. X-ray Structures of Palladium Five-Coordinate Complexes. *Organometallics*, **2002**, 21, 346-354 3.8 35
- 135 Specificity of Interionic Contacts and Estimation of Average Interionic Distances by NOE NMR Measurements in Solution of Cationic Ru(II) Organometallic Complexes Bearing Unsymmetrical Counterions. *Organometallics*, **1999**, 18, 1-3 3.8 35
- 134 Synthesis, Characterization, Interionic Structure, and Self-Aggregation Tendency of Zirconaaziridinium Salts Bearing Long Alkyl Chains. *Organometallics*, **2011**, 30, 100-114 3.8 34
- 133 Anion-dependent tendency of di-long-chain quaternary ammonium salts to form ion quadruples and higher aggregates in benzene. *ChemPhysChem*, **2010**, 11, 3243-54 3.2 34
- 132 Synthesis, molecular structures and solution NMR studies of N-heterocyclic carbene-imine silver complexes. *Journal of Organometallic Chemistry*, **2008**, 693, 2579-2591 2.3 34
- 131 Solventless supramolecular chemistry via vapor diffusion of volatile small molecules upon a new trinuclear silver(I)-nitrated pyrazolate macrometallo-cyclic solid: an experimental/theoretical investigation of the dipole/quadrupole chemisorption phenomena. *Inorganic Chemistry*, **2013**, 52, 14124-37 5.1 33
- 130 C NMR Spectroscopy of N-Heterocyclic Carbenes Can Selectively Probe σ -Donation in Gold(I) Complexes. *Chemistry - A European Journal*, **2017**, 23, 2722-2728 4.8 32
- 129 Iron(III) Complexes with Cross-Bridged Cyclams: Synthesis and Use in Alcohol and Water Oxidation Catalysis. *European Journal of Inorganic Chemistry*, **2018**, 2018, 3304-3311 2.3 32
- 128 Unusual hafnium-pyridylamido/ER(n) heterobimetallic adducts (ER(n) = ZnR_2 or AlR_3). *Angewandte Chemie - International Edition*, **2014**, 53, 2157-61 16.4 32
- 127 Structure-activity relationship in olefin polymerization catalysis: is entropy the key?. *Journal of the American Chemical Society*, **2010**, 132, 13651-3 16.4 32
- 126 Synthesis and characterisation of bis- and tris-(pyrazol-1-yl)borate acetyl complexes of FeII and RuII and isolation of an intermediate of B-N bond hydrolysis. *Journal of the Chemical Society Dalton Transactions*, **1998**, 947-952 32
- 125 Cationic Acetyl Complexes of Iron(II) and Ruthenium(II) Bearing Neutral N,O Ligands: Synthesis, Characterization, and Interionic Solution Structure by NOESY NMR Spectroscopy. *Organometallics*, **1998**, 17, 5025-5030 3.8 32

124	Twisted π -Electron System Electrooptic Chromophores. Structural and Electronic Consequences of Relaxing Twist-Inducing Nonbonded Repulsions. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 8005-8015	3.8	32
123	Pyridylamido Bi-Hafnium Olefin Polymerization Catalysis: Conformationally Supported Hf \cdots Hf Enchainment Cooperativity. <i>ACS Catalysis</i> , 2015 , 5, 5272-5282	13.1	31
122	Cyclometalated Phosphinine Iridium(III) Complexes: Synthesis, Reactivity, and Application as Phosphorus-Containing Water-Oxidation Catalysts. <i>Organometallics</i> , 2015 , 34, 2943-2952	3.8	31
121	Structure and Dynamics in Solution of Bis(phenoxy-amine)Zirconium Catalysts for Olefin Polymerization. <i>Organometallics</i> , 2011 , 30, 3096-3105	3.8	31
120	The role of ion pairs in the second-order NLO response of 4-X-1-methylpyridinium salts. <i>ChemPhysChem</i> , 2010 , 11, 495-507	3.2	31
119	Neutral Square-Planar Olefin/Alkyl Platinum(II) Complexes Containing a N,N'-aminoamide Ligand. Experimental and Theoretical Evidence of Relevant π -Back-Donation in the Platinum-Olefin Bond. <i>Organometallics</i> , 2004 , 23, 2137-2145	3.8	31
118	PGSE NMR Studies on RAPTA Derivatives: Evidence for the Formation of H-Bonded Dicationic Species. <i>Organometallics</i> , 2008 , 27, 1649-1652	3.8	30
117	Synthesis, reactivity, spectroscopic characterization, X-ray structures, PGSE, and NOE NMR studies of (η^5 -C ₅ Me ₅)-rhodium and -iridium derivatives containing bis(pyrazolyl)alkane ligands. <i>Inorganic Chemistry</i> , 2007 , 46, 896-906	5.1	29
116	The Middle-Earth between Homogeneous and Heterogeneous Catalysis in Water Oxidation with Iridium. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 7-17	2.3	29
115	Oxidative addition of methyl iodide to monosubstituted and disubstituted derivatives of osmium pentacarbonyl. <i>Inorganic Chemistry</i> , 1993 , 32, 547-553	5.1	28
114	Benchmarking Water Oxidation Catalysts Based on Iridium Complexes: Clues and Doubts on the Nature of Active Species. <i>ChemSusChem</i> , 2017 , 10, 4503-4509	8.3	27
113	Discriminating halogen-bonding from other noncovalent interactions by a combined NOE NMR/DFT approach. <i>Chemistry - A European Journal</i> , 2015 , 21, 440-7	4.8	27
112	Combining Diffusion NMR and Conductometric Measurements to Evaluate the Hydrodynamic Volume of Ions and Ion Pairs. <i>Organometallics</i> , 2007 , 26, 3624-3626	3.8	26
111	Reductive elimination of halogens assisted by phosphine ligands in Fe(CO) ₄ X ₂ (X=I,Br) complexes. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 3881-3888	2.3	26
110	Cationic olefin Pd(II) complexes bearing β -aminoketone N,O-ligands: synthesis, intramolecular and interionic characterization and reactivity with olefins and alkynes. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 647-661	2.3	26
109	Relationship between the anion/cation relative orientation and the catalytic activity of nitrogen acyclic carbene-gold catalysts. <i>Catalysis Science and Technology</i> , 2015 , 5, 1558-1567	5.5	25
108	Solid state and solution investigations of derivatives of Group 11 metal ions with 1-benzyl-2-imidazolyl-diphenylphosphine (L). Electrochemical behavior of [M ₂ L ₃] ²⁺ (M=Cu; Ag) and [AuL ₂] ⁺ complexes. <i>Inorganica Chimica Acta</i> , 2001 , 323, 45-54	2.7	25
107	Activating K \ddot{u} i-Type Organometallic Precursors at Metal Oxide Surfaces for Enhanced Solar Water Oxidation. <i>ACS Energy Letters</i> , 2018 , 3, 1613-1619	20.1	24

106	Unprecedented Large Hyperpolarizability of Twisted Chromophores in Polar Media. <i>Journal of the American Chemical Society</i> , 2018 , 140, 8746-8755	16.4	24
105	Comparative NMR Study on the Reactions of Hf(IV) Organometallic Complexes with Al/Zn Alkyls. <i>Organometallics</i> , 2016 , 35, 1241-1250	3.8	24
104	From Ion Pairs to Ion Triples through a Hydrogen Bonding-Driven Aggregative Process. <i>Organometallics</i> , 2007 , 26, 6099-6105	3.8	22
103	An Unexpectedly Stable Chiral Hydrido-Solvent Complex of Rull: A mechanistic link in the enantioselective hydrogenation of pyrones. Preliminary communication. <i>Helvetica Chimica Acta</i> , 1996 , 79, 1587-1591	2	22
102	NMR spectroscopy and X-ray characterisation of cationic N-heteroaryl-pyridylamido Zr(IV) complexes: a further level of complexity for the elusive active species of pyridylamido olefin polymerisation catalysts. <i>Chemistry - A European Journal</i> , 2014 , 20, 232-44	4.8	21
101	Low-temperature kinetic NMR studies on the insertion of a single olefin molecule into a Zr-C bond: assessing the counterion-solvent interplay. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11752-5	16.4	21
100	Heterogenized Water Oxidation Catalysts Prepared by Immobilizing K ₂ OsO ₄ -Type Organometallic Precursors. <i>Chemistry - A European Journal</i> , 2016 , 22, 13459-63	4.8	21
99	The Influence of the Ligand in the Iridium Mediated Electrocatalytic Water Oxidation. <i>ACS Catalysis</i> , 2020 , 10, 4398-4410	13.1	20
98	An EFISH, Theoretical, and PGSE NMR Investigation on the Relevant Role of Aggregation on the Second Order Response in CHCl ₃ of the PushPull Chromophores [5-[[4-(Dimethylamino)phenyl]ethynyl]-15-[[4-nitrophenyl]ethynyl]-10,20-diphenylporphyrinate] M(II) (M = Zn, Ni). <i>Journal of Physical Chemistry C</i> , 2009 , 113, 11131-11141	3.8	20
97	An acidity scale of phosphonium tetraphenylborate salts and ruthenium dihydrogen complexes in dichloromethane. <i>Canadian Journal of Chemistry</i> , 2006 , 84, 164-175	0.9	20
96	PGSE NMR Studies on DAB-Organo-Rhodium Dendrimers: Evaluation of the Molecular Size, Self-Aggregation Tendency, and Surface Metal Density. <i>Organometallics</i> , 2006 , 25, 2201-2208	3.8	20
95	Solid state and solution structural studies of silver(I) cyclic complexes bearing the (Bzim)Ph ₂ P ligand. <i>Journal of Organometallic Chemistry</i> , 2000 , 593-594, 392-402	2.3	20
94	Multinuclear NMR Studies and Reaction with tert-Butyl Isocyanide of Dinuclear Tungsten- or Molybdenum-Palladium μ -Alkylidene Complexes. X-ray Structure of [Pd(μ -C(p-tolyl)dmba)](μ -CO)Mo(Cp)(CN-t-Bu) ₂ . <i>Organometallics</i> , 1995 , 14, 1637-1645	3.8	20
93	Extraction of Reliable Molecular Information from Diffusion NMR Spectroscopy: Hydrodynamic Volume or Molecular Mass?. <i>Chemistry - A European Journal</i> , 2019 , 25, 9930-9937	4.8	19
92	Structure/Properties Relationship for Bis(phenoxyamine)Zr(IV)-Based Olefin Polymerization Catalysts: A Simple DFT Model To Predict Catalytic Activity. <i>Macromolecules</i> , 2012 , 45, 4046-4053	5.5	19
91	Cyclization of 2-Alkynyldimethylaniline on Gold(I) Cationic and Neutral Complexes. <i>Organometallics</i> , 2016 , 35, 595-604	3.8	18
90	Iridium Water Oxidation Catalysts Based on Pyridine-Carbene Alkyl-Substituted Ligands. <i>ChemCatChem</i> , 2019 , 11, 5353-5361	5.2	18
89	Behaviour of [PdH(dppe) ₂]X (X=CF ₃ SO ₃ ⁻ , SbF ₆ ⁻ , BF ₄ ⁻) as proton or hydride donor: relevance to catalysis. <i>Chemistry - A European Journal</i> , 2004 , 10, 3708-16	4.8	18

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