

# Alceo Macchioni

## 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.

213  
papers

8,480  
citations

49  
h-index

81  
g-index

227  
ext. papers

9,059  
ext. citations

6.2  
avg, IF

6.13  
L-index

#	Paper	IF	Citations
213	Role of Solvent Coordination on the Structure and Dynamics of ansa-Zirconocenium Ion Pairs in Aromatic Hydrocarbons. <i>Organometallics</i> , <b>2022</b> , 41, 547-560	3.8	2
212	Salts of Lanthanide(III) Hexafluoroacetylacetonates [Ln = Sm(III), Eu(III) and Tb(III)] with Dipyridylammonium cations: Synthesis, characterization, photophysical properties and OLED fabrication. <i>Dyes and Pigments</i> , <b>2022</b> , 110300	4.6	2
211	Methylaluminumoxane: Molecular Cousin: A Well-defined and Complete Al-Activator for Molecular Olefin Polymerization Catalysts. <i>ACS Catalysis</i> , <b>2021</b> , 11, 4464-4475	13.1	10
210	Speciality Grand Challenges in Organometallic Catalysis. <i>Frontiers in Catalysis</i> , <b>2021</b> , 1,		1
209	Optimizing noble metals exploitation in water oxidation catalysis by their incorporation in layered double hydroxides. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 516, 120161	2.7	4
208	Understanding the Deactivation Pathways of Iridium(III) Pyridine-Carboxamide Catalysts for Formic Acid Dehydrogenation. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 2050-2064	4.8	4
207	Modulating the water oxidation catalytic activity of iridium complexes by functionalizing the Cp*-ancillary ligand: hints on the nature of the active species. <i>Catalysis Science and Technology</i> , <b>2021</b> , 11, 2885-2895	5.5	2
206	Chain Transfer to Solvent and Monomer in Early Transition Metal Catalyzed Olefin Polymerization: Mechanisms and Implications for Catalysis. <i>Catalysts</i> , <b>2021</b> , 11, 215	4	7
205	Efficient enantioresolution of aromatic hydroxy acids with Cinchona alkaloid-based zwitterionic stationary phases and volatile polar-ionic eluents. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1180, 338928	6.6	2
204	Hemi-metallocene Ti(IV) $\eta^3$ -allyl-type complexes: Structure, dynamics in solution and exploration of reactivity. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 527, 120565	2.7	
203	Hierarchical self-assembly and controlled disassembly of a cavitand-based host-guest supramolecular polymer. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 389-401	4.9	2
202	Molecular and Heterogenized Cp*Ir Water Oxidation Catalysts Bearing Glyphosate and Glyphosine as Ancillary and Anchoring Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 299-307	2.3	3
201	Molecular and heterogenized dinuclear Ir-Cp* water oxidation catalysts bearing EDTA or EDTMP as bridging and anchoring ligands. <i>Science Bulletin</i> , <b>2020</b> , 65, 1614-1625	10.6	11
200	The Influence of the Ligand in the Iridium Mediated Electrocatalytic Water Oxidation. <i>ACS Catalysis</i> , <b>2020</b> , 10, 4398-4410	13.1	20
199	Interception of Elusive Cationic Hf-Al and Hf-Zn Heterobimetallic Adducts with Mixed Alkyl Bridges Featuring Multiple Agostic Interactions. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 3657	4.8	
198	Extremely Fast NADH-Regeneration Using Phosphonic Acid as Hydride Source and Iridium-pyridine-2-sulfonamidate Catalysts. <i>ACS Catalysis</i> , <b>2020</b> , 10, 7945-7949	13.1	10
197	Iridium-Doped Nanosized Zn-Al Layered Double Hydroxides as Efficient Water Oxidation Catalysts. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 32736-32745	9.5	13

196	Interception of Elusive Cationic HF-Al and HF-Zn Heterobimetallic Adducts with Mixed Alkyl Bridges Featuring Multiple Agostic Interactions. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 3758-3766	4.8	5
195	H activation by zirconaziridinium ions: $\sigma$ bond metathesis versus frustrated Lewis pair reactivity. <i>Chemical Communications</i> , <b>2020</b> , 56, 2542-2545	5.8	3
194	Ir- and Ru-doped layered double hydroxides as affordable heterogeneous catalysts for electrochemical water oxidation. <i>Dalton Transactions</i> , <b>2020</b> , 49, 2468-2476	4.3	17
193	Ion pairing in transition metal catalyzed olefin polymerization. <i>Advances in Organometallic Chemistry</i> , <b>2020</b> , 73, 1-78	3.8	17
192	Understanding the Role of Metallocenium Ion-Pair Aggregates on the Rate of Olefin Insertion into the Metal-Carbon Bond. <i>ACS Catalysis</i> , <b>2020</b> , 10, 1591-1606	13.1	10
191	On the Nature of the Lewis Acidic Sites in MMA-Free Phenol-Modified Methylaluminoxane. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 1088-1095	2.3	14
190	Diffusion NMR Studies on the Self-Aggregation of Ru-Arene CAP Complexes: Evidence for the Formation of H-Bonded Dicationic Species in Acetonitrile. <i>Organometallics</i> , <b>2020</b> , 39, 941-948	3.8	4
189	Reactivity Trends of Lewis Acidic Sites in Methylaluminoxane and Some of Its Modifications. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 5751-5759	5.1	15
188	Binary Donor-Acceptor Adducts of Tetrathiafulvalene Donors with Cyclic Trimetallic Monovalent Coinage Metal Acceptors. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 15303-15319	5.1	4
187	Raffaello Nasini: An Eclectic Chemist Heralding the Interdisciplinary Essence of Inorganic Chemistry. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 546-549	2.3	
186	The Middle-Earth between Homogeneous and Heterogeneous Catalysis in Water Oxidation with Iridium. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 2-2	2.3	2
185	Extraction of Reliable Molecular Information from Diffusion NMR Spectroscopy: Hydrodynamic Volume or Molecular Mass?. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 9930-9937	4.8	19
184	BHT-Modified MAO: Cage Size Estimation, Chemical Counting of Strongly Acidic Al Sites, and Activation of a Ti-Phosphinimide Precatalyst. <i>ACS Catalysis</i> , <b>2019</b> , 9, 2996-3010	13.1	16
183	Post Synthetic Defect Engineering of UiO-66 Metal-Organic Framework with An Iridium(III)-HEDTA Complex and Application in Water Oxidation Catalysis. <i>Inorganics</i> , <b>2019</b> , 7, 123	2.9	7
182	Iridium Water Oxidation Catalysts Based on Pyridine-Carbene Alkyl-Substituted Ligands. <i>ChemCatChem</i> , <b>2019</b> , 11, 5353-5361	5.2	18
181	The Middle-Earth between Homogeneous and Heterogeneous Catalysis in Water Oxidation with Iridium. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 7-17	2.3	29
180	Hydrogen Liberation from Formic Acid Mediated by Efficient Iridium(III) Catalysts Bearing Pyridine-Carboxamide Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 2247-2250	2.3	14
179	Dicarboxylic Acid Separation by Dynamic and Size-Matched Recognition in Solution and in the Solid State. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 1341-1345	3.6	3

178	Iron(III) Complexes with Cross-Bridged Cyclams: Synthesis and Use in Alcohol and Water Oxidation Catalysis. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 3304-3311	2.3	32
177	Activating K <sup>+</sup> -Type Organometallic Precursors at Metal Oxide Surfaces for Enhanced Solar Water Oxidation. <i>ACS Energy Letters</i> , <b>2018</b> , 3, 1613-1619	20.1	24
176	Unprecedented Large Hyperpolarizability of Twisted Chromophores in Polar Media. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 8746-8755	16.4	24
175	Dicarboxylic Acid Separation by Dynamic and Size-Matched Recognition in Solution and in the Solid State. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 1327-1331	16.4	4
174	Toluene and Olefins as Radical Scavengers: Direct NMR Evidence for Homolytic Chain Transfer Mechanism Leading to Benzyl and Dormant Titanium Allyl Complexes. <i>Organometallics</i> , <b>2018</b> , 37, 4189-4194	3.8	11
173	Intriguing Influence of -COOH-Driven Intermolecular Aggregation and Acid-Base Interactions with N,N-Dimethylformamide on the Second-Order Nonlinear-Optical Response of 5,15 Push-Pull Diarylzinc(II) Porphyrinates. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 6438-6450	5.1	12
172	Iridium Complexes in Water Oxidation Catalysis <b>2017</b> , 617-654		9
171	C NMR Spectroscopy of N-Heterocyclic Carbenes Can Selectively Probe $\sigma$ Donation in Gold(I) Complexes. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 2722-2728	4.8	32
170	Extremely Active, Tunable, and pH-Responsive Iridium Water Oxidation Catalysts. <i>ACS Energy Letters</i> , <b>2017</b> , 2, 105-110	20.1	42
169	C <sup>+</sup> Activation and Olefin Insertion as Sources of Multiple Sites in Olefin Polymerization Catalyzed by CpAlkylHf(IV) Complexes. <i>ACS Catalysis</i> , <b>2017</b> , 7, 563-567	13.1	10
168	A Single Organoiridium Complex Generating Highly Active Catalysts for both Water Oxidation and NAD <sup>+</sup> /NADH Transformations. <i>ACS Catalysis</i> , <b>2017</b> , 7, 7788-7796	13.1	37
167	Benchmarking Water Oxidation Catalysts Based on Iridium Complexes: Clues and Doubts on the Nature of Active Species. <i>ChemSusChem</i> , <b>2017</b> , 10, 4503-4509	8.3	27
166	Solution Structure and Reactivity with Metallocenes of AlMe <sub>2</sub> F: Mimicking Cation-Anion Interactions in Metallocenium-Methylalumoxane Inner-Sphere Ion Pairs. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 14227-14231	16.4	16
165	Mass Spectrometric Mechanistic Investigation of Ligand Modification in Hafnocene-Catalyzed Olefin Polymerization. <i>Organometallics</i> , <b>2017</b> , 36, 3443-3455	3.8	11
164	Solution Structure and Reactivity with Metallocenes of AlMe <sub>2</sub> F: Mimicking Cation-Anion Interactions in Metallocenium-Methylalumoxane Inner-Sphere Ion Pairs. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 14415-14419	3.6	6
163	Photocatalytic water oxidation mediated by iridium complexes. <i>Catalysis Today</i> , <b>2017</b> , 290, 10-18	5.3	16
162	A PGSE NMR approach to the characterization of single and multi-site halogen-bonded adducts in solution. <i>RSC Advances</i> , <b>2016</b> , 6, 80604-80612	3.7	10
161	A Ternary Zn-Al-Ir Hydrotalcite-Like Compound Exhibiting High Efficiency and Recyclability as a Water Oxidation Catalyst. <i>ChemPlusChem</i> , <b>2016</b> , 81, 1060-1063	2.8	17

160	An Alternative Reaction Pathway for Iridium-Catalyzed Water Oxidation Driven by Cerium Ammonium Nitrate (CAN). <i>ACS Catalysis</i> , <b>2016</b> , 6, 4559-4563	13.1	49
159	Cyclization of 2-Alkynyldimethylaniline on Gold(I) Cationic and Neutral Complexes. <i>Organometallics</i> , <b>2016</b> , 35, 595-604	3.8	18
158	Disclosing the multi-faceted world of weakly interacting inorganic systems by means of NMR spectroscopy. <i>Dalton Transactions</i> , <b>2016</b> , 45, 2785-90	4.3	17
157	Heterogenized Water Oxidation Catalysts Prepared by Immobilizing K <sup>+</sup> -Type Organometallic Precursors. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 13459-63	4.8	21
156	Comparative NMR Study on the Reactions of Hf(IV) Organometallic Complexes with Al/Zn Alkyls. <i>Organometallics</i> , <b>2016</b> , 35, 1241-1250	3.8	24
155	Pyridylamido Bi-Hafnium Olefin Polymerization Catalysis: Conformationally Supported Hf-Hf Enchainment Cooperativity. <i>ACS Catalysis</i> , <b>2015</b> , 5, 5272-5282	13.1	31
154	Diffusion NMR measurements on cationic linear gold(I) complexes. <i>Polyhedron</i> , <b>2015</b> , 92, 52-59	2.7	14
153	Substantial Improvement of Pyridine-Carbene Iridium Water Oxidation Catalysts by a Simple Methyl-to-Octyl Substitution. <i>ACS Catalysis</i> , <b>2015</b> , 5, 2714-2718	13.1	69
152	Ultra-High-Response, Multiply Twisted Electro-optic Chromophores: Influence of $\pi$ -System Elongation and Interplanar Torsion on Hyperpolarizability. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 12521-38	16.4	47
151	Activity and Recyclability of an Iridium-EDTA Water Oxidation Catalyst Immobilized onto Rutile TiO <sub>2</sub> . <i>ACS Catalysis</i> , <b>2015</b> , 5, 264-271	13.1	42
150	Relationship between the anion/cation relative orientation and the catalytic activity of nitrogen acyclic carbene-gold catalysts. <i>Catalysis Science and Technology</i> , <b>2015</b> , 5, 1558-1567	5.5	25
149	Discriminating halogen-bonding from other noncovalent interactions by a combined NOE NMR/DFT approach. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 440-7	4.8	27
148	Selectively measuring $\pi$ -back-donation in gold(I) complexes by NMR spectroscopy. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 2467-73	4.8	50
147	Cyclometalated Phosphinine-Iridium(III) Complexes: Synthesis, Reactivity, and Application as Phosphorus-Containing Water-Oxidation Catalysts. <i>Organometallics</i> , <b>2015</b> , 34, 2943-2952	3.8	31
146	Assessing the Role of Counterion in Gold-Catalyzed Dearomatization of Indoles with Allenamides by NMR Studies. <i>ACS Catalysis</i> , <b>2015</b> , 5, 3911-3915	13.1	63
145	Unusual Hafnium-Pyridylamido/ER <sub>n</sub> Heterobimetallic Adducts (ER <sub>n</sub> =ZnR <sub>2</sub> or AlR <sub>3</sub> ). <i>Angewandte Chemie</i> , <b>2014</b> , 126, 2189-2193	3.6	2
144	Unusual hafnium-pyridylamido/ER <sub>(n)</sub> heterobimetallic adducts (ER <sub>(n)</sub> = ZnR <sub>2</sub> or AlR <sub>3</sub> ). <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 2157-61	16.4	32
143	Probing the association of frustrated phosphine-borane Lewis pairs in solution by NMR spectroscopy. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 112-5	16.4	80

142	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> , <b>2014</b> , 20, 232-44	4.8	21
141	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> , <b>2014</b> , 53, 9907-16	5.1	59
140	The Chemical Bond in Gold(I) Complexes with N-Heterocyclic Carbenes. <i>Organometallics</i> , <b>2014</b> , 33, 4200-4208	4.8	67
139	Unexpected anion effect in the alkoxylation of alkynes catalyzed by N-heterocyclic carbene (NHC) cationic gold complexes. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 14594-8	4.8	56
138	Transformation of a Cp*-iridium(III) precatalyst for water oxidation when exposed to oxidative stress. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 3446-56	4.8	60
137	New iridium(III) organometallic complexes bearing strong electron donating bidentate ligands as catalysts for water oxidation. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 771, 24-32	2.3	35
136	Homogeneous and heterogenized iridium water oxidation catalysts <b>2014</b> ,		1
135	Mechanistic Aspects of Water Oxidation Catalyzed by Organometallic Iridium Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 690-697	2.3	56
134	NHC-Gold-Alkyne Complexes: Influence of the Carbene Backbone on the Ion Pair Structure. <i>Organometallics</i> , <b>2013</b> , 32, 4444-4447	3.8	52
133	Solventless supramolecular chemistry via vapor diffusion of volatile small molecules upon a new trinuclear silver(I)-nitrated pyrazolate macrometalloalicyclic solid: an experimental/theoretical investigation of the dipole/quadrupole chemisorption phenomena. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 14124-37	5.1	33
132	A combined NMR/DFT study on the ion pair structure of [(PR <sub>1</sub> (2)R <sub>2</sub> )Au(1,3-hexyne)]BF <sub>4</sub> complexes. <i>Dalton Transactions</i> , <b>2013</b> , 42, 4122-31	4.3	39
131	Probing the interactions between all components of the catalytic pool for homogeneous olefin polymerisation by diffusion NMR spectroscopy. <i>Dalton Transactions</i> , <b>2013</b> , 42, 9104-11	4.3	39
130	Ligand Effects on Bonding and Ion Pairing in Cationic Gold(I) Catalysts Bearing Unsaturated Hydrocarbons. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 4121-4135	2.3	69
129	An Integrated NMR and DFT Study on the Single Insertion of Olefins into the M-C Bond of Group 4 Metallaaziridinium Ion Pairs. <i>ChemCatChem</i> , <b>2013</b> , 5, 519-528	5.2	5
128	Organometallic Iridium Catalysts Based on Pyridinecarboxylate Ligands for the Oxidative Splitting of Water. <i>Organometallics</i> , <b>2012</b> , 31, 8071-8074	3.8	73
127	Diffusion Ordered NMR Spectroscopy (DOSY) <b>2012</b> ,		3
126	NMR Studies on the Dynamic Behavior of Zirconaaziridinium Ion Pairs in Solution. <i>Organometallics</i> , <b>2012</b> , 31, 4076-4079	3.8	7
125	An NMR study on the reaction of substituted dimethyl zirconocenes with dimethylanilinium borate. <i>Journal of Organometallic Chemistry</i> , <b>2012</b> , 714, 32-40	2.3	9

124	Structure/Properties Relationship for Bis(phenoxyamine)Zr(IV)-Based Olefin Polymerization Catalysts: A Simple DFT Model To Predict Catalytic Activity. <i>Macromolecules</i> , <b>2012</b> , 45, 4046-4053	5.5	19
123	Suppression of $\beta$ -Hydride Chain Transfer in Nickel(II)-Catalyzed Ethylene Polymerization via Weak Fluorocarbon Ligand-Product Interactions. <i>Organometallics</i> , <b>2012</b> , 31, 3773-3789	3.8	114
122	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> , <b>2012</b> , 2012, 1462-1468	2.3	77
121	Iridium-EDTA as an efficient and readily available catalyst for water oxidation. <i>ChemSusChem</i> , <b>2012</b> , 5, 1415-9	8.3	41
120	An investigation on the second-order NLO properties of novel cationic cyclometallated Ir(III) complexes of the type $[\text{Ir}(\text{2-phenylpyridine})_2(\text{9-R-4,5-diazafluorene})]^+$ (R = H, fulleridene) and the related neutral complex with the new 9-fulleriden-4-monoazafluorene ligand. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 382, 72-78	2.7	14
119	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</i> , <b>2011</b> , 123, 11956-11959	3.6	6
118	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> , <b>2011</b> , 50, 11752-5 <sup>16.4</sup>	16.4	21
117	Activity and degradation pathways of pentamethyl-cyclopentadienyl-iridium catalysts for water oxidation. <i>Green Chemistry</i> , <b>2011</b> , 13, 3360	10	134
116	Structure and Dynamics in Solution of Bis(phenoxy-amine)Zirconium Catalysts for Olefin Polymerization. <i>Organometallics</i> , <b>2011</b> , 30, 3096-3105	3.8	31
115	Synthesis, Characterization, Interionic Structure, and Self-Aggregation Tendency of Zirconaaziridinium Salts Bearing Long Alkyl Chains. <i>Organometallics</i> , <b>2011</b> , 30, 100-114	3.8	34
114	Structure-activity relationship in olefin polymerization catalysis: is entropy the key?. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 13651-3	16.4	32
113	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> , <b>2010</b> , 49, 3080-2	5.1	88
112	Iridium(III) molecular catalysts for water oxidation: the simpler the faster. <i>Chemical Communications</i> , <b>2010</b> , 46, 9218-9	5.8	144
111	Counterion-dependent deuteration of pentamethylcyclopentadiene in water-soluble cationic Rh(III) complexes assisted by PTA. <i>Dalton Transactions</i> , <b>2010</b> , 39, 3366-8	4.3	15
110	NMR Techniques for Investigating the Supramolecular Structure of Coordination Compounds in Solution <b>2010</b> , 129-180		4
109	The role of ion pairs in the second-order NLO response of 4-X-1-methylpyridinium salts. <i>ChemPhysChem</i> , <b>2010</b> , 11, 495-507	3.2	31
108	Anion-dependent tendency of di-long-chain quaternary ammonium salts to form ion quadruples and higher aggregates in benzene. <i>ChemPhysChem</i> , <b>2010</b> , 11, 3243-54	3.2	34
107	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> , <b>2010</b> , 16, 4814-25	4.8	60

106	Ion pairing in NHC gold(I) olefin complexes: A combined experimental/theoretical study. <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 2679-2686	2.3	38
105	Diffusion NMR studies on neutral and cationic square planar palladium(II) complexes. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 595-600	2.7	5
104	New highly water-soluble rhodium complexes bearing 1,3,5-triaza-7-phosphaadamantane (PTA) and/or tris(hydroxymethyl) phosphine (THP). <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 509-516	2.7	9
103	Diffusion and NOE NMR studies on multicationic DAB-organoruthenium dendrimers: size-dependent noncovalent self-assembly to megamers and ion pairing. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 5337-47	4.8	16
102	An EFISH, Theoretical, and PGSE NMR Investigation on the Relevant Role of Aggregation on the Second Order Response in CHCl <sub>3</sub> 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> , <b>2009</b> , 113, 11131-11141	3.8	20
101	Ion pairing in cationic olefin-gold(I) complexes. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 3170-3174	6.4	124
100	Self-Aggregation Tendency of All Species Involved in the Catalytic Cycle of Bifunctional Transfer Hydrogenation. <i>Organometallics</i> , <b>2009</b> , 28, 960-967	3.8	17
99	On the First Insertion of Olefins in Hafnium Pyridyl-Amido Polymerization Catalysts. <i>Organometallics</i> , <b>2009</b> , 28, 5445-5458	3.8	85
98	In Situ Diversification of (Pyridylamide)hafnium(IV) Catalysts. <i>Macromolecules</i> , <b>2009</b> , 42, 4369-4373	5.5	53
97	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> , <b>2009</b> , 8824-7	4.3	39
96	Intra- and intermolecular NMR studies on the activation of arylcyclometallated hafnium pyridyl-amido olefin polymerization precatalysts. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 10354-68	16.4	98
95	Ligand Mobility and Solution Structures of the Metallocenium Ion Pairs [Me <sub>2</sub> C(Cp)(fluorenyl)MCH <sub>2</sub> SiMe <sub>3</sub> +X] (M = Zr, Hf; X = MeB(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> , B(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> ). <i>Organometallics</i> , <b>2008</b> , 27, 5474-5487	3.8	41
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87	Determining accurate molecular sizes in solution through NMR diffusion spectroscopy. <i>Chemical Society Reviews</i> , <b>2008</b> , 37, 479-89	58.5	465
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