

# Mark R Mason

## List of Publications by Year in descending order

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24  
papers

1,228  
citations

567247

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all docs

26  
docs citations

26  
times ranked

766  
citing authors

#	ARTICLE	IF	CITATIONS
1	New class of trianionic constrained geometry ligands: Representative complexes of zirconium. <i>Journal of Organometallic Chemistry</i> , 2021, 944, 121830.	1.8	1
2	Greening the curriculum at the University of Toledo School of green chemistry and engineering. <i>ChemistrySelect</i> , 2020, 5, .	1.5	0
3	Bidentate and tridentate coordination modes of bis(3-methylindolyl)-2-pyridylmethane in complexes of aluminum and gallium: Structural characterization of bridging N-indolide in a dialuminum complex. <i>Journal of Organometallic Chemistry</i> , 2018, 872, 12-23.	1.8	8
4	Aluminum alkoxide, amide and halide complexes supported by a bulky dipyrromethene ligand: synthesis, characterization, and preliminary $\mu$ -caprolactone polymerization activity. <i>Dalton Transactions</i> , 2016, 45, 13787-13797.	3.3	20
5	Ion-Tagged Phosphines as Ligands for Suzuki Coupling of Aryl Halides in a Phosphonium Ionic Liquid. <i>Synlett</i> , 2014, 25, 977-982.	1.8	7
6	Mono- and Bimetallic Aluminum Alkyl, Aryl, and Hydride Complexes of a Bulky Dipyrromethene Ligand. <i>Organometallics</i> , 2014, 33, 4503-4511.	2.3	25
7	Planar, Three-Coordinate Boron Monohydrides Ligated by Bis(3-methylindolyl)methanes. <i>Organometallics</i> , 2012, 31, 191-196.	2.3	9
8	Synthesis and Calorimetric, Spectroscopic, and Structural Characterization of Isocyanide Complexes of Trialkylaluminum and Tri- <i>tert</i> -butylgallium. <i>Inorganic Chemistry</i> , 2012, 51, 2494-2502.	4.0	15
9	Confirmation of Bridging N-Indolides in 3-Methylindole and Di- and Tri(3-methylindolyl)methane Complexes of Dimethyl-, Diethyl-, and Diisobutylaluminum. <i>Organometallics</i> , 2010, 29, 5927-5935.	2.3	18
10	Reaction of carbon monoxide with tri- <i>tert</i> -butylgallium: The first example of CO insertion into a gallium-carbon bond. <i>Inorganica Chimica Acta</i> , 2008, 361, 3332-3337.	2.4	16
11	Deprotonated diindolylmethanes as dianionic analogues of scorpionate bis(pyrazolyl)borate ligands: synthesis and structural characterization of representative titanocene and zirconocene complexes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 157-162.	1.8	15
12	Fortuitous formation of [(LiCl) <sub>6</sub> {(Me <sub>2</sub> NCH <sub>2</sub> C <sub>8</sub> H <sub>5</sub> N) <sub>3</sub> P <sub>2</sub> } <sub>2</sub> ]: an amine-ligated hexameric lithium chloride aggregate. <i>Inorganic Chemistry Communication</i> , 2005, 8, 331-334.	3.9	4
13	Remarkable Room-Temperature Insertion of Carbon Monoxide into an Aluminum-Carbon Bond of Tri- <i>tert</i> -butylaluminum. <i>Journal of the American Chemical Society</i> , 2004, 126, 11812-11813.	13.7	39
14	Title is missing!. <i>Journal of Chemical Crystallography</i> , 2003, 33, 531-540.	1.1	52
15	Titanium and Zirconium Amido Complexes Ligated by 2,2'-Di(3-methylindolyl)methanes: Synthesis, Characterization, and Ethylene Polymerization Activity. <i>Inorganic Chemistry</i> , 2003, 42, 6592-6594.	4.0	26
16	Hydroformylation of 1-hexene in supercritical carbon dioxide using a heterogeneous rhodium catalyst. 3. Evaluation of solvent effects. <i>Green Chemistry</i> , 2002, 4, 507-512.	9.0	56
17	Molecular Phosphates and Phosphonates of Aluminum and Gallium: Potential Applications in Materials Synthesis. <i>ACS Symposium Series</i> , 2002, , 181-194.	0.5	7
18	Hindered Axial-Equatorial Carbonyl Exchange in an Fe(CO) <sub>4</sub> (PR <sub>3</sub> ) Complex of a Rigid Bicyclic Phosphine. <i>Inorganic Chemistry</i> , 2001, 40, 5001-5009.	4.0	30

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19	Synthesis, Structure, and Coordination Chemistry of the Bicyclic $\beta$ -Acid Phosphatri(3-methylindolyl)methane. <i>Organometallics</i> , 2001, 20, 206-214.	2.3	44
20	Alkylaluminumphosphonate-catalyzed ring-opening homopolymerization of epichlorohydrin and propylene oxide. <i>Journal of Organometallic Chemistry</i> , 2000, 599, 200-207.	1.8	24
21	Synthesis and Characterization of Chelating Triamide Complexes of Bismuth and Antimony. <i>Inorganic Chemistry</i> , 2000, 39, 3931-3933.	4.0	14
22	Tert-Butylaluminum Hydroxides and Oxides: Structural Relationship between Alkylalumoxanes and Alumina Gels. <i>Organometallics</i> , 1994, 13, 2957-2969.	2.3	209
23	Hydrolysis of tri-tert-butylaluminum: the first structural characterization of alkylalumoxanes $[(R_2Al)_2O]_n$ and $(RAIO)_n$ . <i>Journal of the American Chemical Society</i> , 1993, 115, 4971-4984.	13.7	536
24	Sterically crowded aryloxide compounds of aluminium: hydrides and homoleptic aryloxides. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 441.	1.1	52