Mark J Muldoon

List of Publications by Year
in descending order

34 papers	3,421 citations	304743 22 h-index	377865 34 g-index
43 all docs	43 docs citations	43 times ranked	3829 citing authors

#	Article	IF	Citations
1	Comparison of three stationary phases in the separation of polyphenyls by liquid chromatography. Journal of Chromatography A, 2022, 1671, 462992.	3.7	3
2	Palladium(II)â€Catalysed Aminocarbonylation of Terminal Alkynes for the Synthesis of 2â€Ynamides: Addressing the Challenges of Solvents and Gas Mixtures. ChemSusChem, 2017, 10, 675-680.	6.8	18
3	Using chiral ionic liquid additives to enhance asymmetric induction in a Dielsâ€“Alder reaction. Dalton Transactions, 2017, 46, 1704-1713.	3.3	10
4	Mechanism of Catalytic Oxidation of Styrenes with Hydrogen Peroxide in the Presence of Cationic Palladium(II) Complexes. Journal of the American Chemical Society, 2017, 139, 12495-12503.	13.7	49
5	Cationic Palladium(II) Complexes for Catalytic Wackerâ€Type Oxidation of Styrenes to Ketones Using O₂ as the Sole Oxidant. European Journal of Inorganic Chemistry, 2017, 2017, 5604-5608.	2.0	14
6	Synthesis of 2â€Alkynoates by Palladium(II)â€Catalyzed Oxidative Carbonylation of Terminal Alkynes and Alcohols. Chemistry - A European Journal, 2016, 22, 11982-11985.	3.3	17
7	Palladiumâ€Catalyzed Oxidative Synthesis of Highly Functionalized Ortholactones. Chemistry - A European Journal, 2015, 21, 7726-7730.	3.3	7
8	Cationic palladium(<scp>ii</scp>) complexes as catalysts for the oxidation of terminal olefins to methyl ketones using hydrogen peroxide. Green Chemistry, 2015, 17, 2750-2757.	9.0	45
9	A highly efficient palladium(<scp>ii</scp>)/polyoxometalate catalyst system for aerobic oxidation of alcohols. Catalysis Science and Technology, 2015, 5, 1428-1432.	4.1	25
10	Copper(<scp>i</scp>)/ketoABNO catalysed aerobic alcohol oxidation. Catalysis Science and Technology, 2014, 4, 1720-1725.	4.1	34
11	An efficient Cu(<scp>ii</scp>)-bis(oxazoline)-based polymer immobilised ionic liquid phase catalyst for asymmetric carbonâ€“carbon bond formation. Green Chemistry, 2014, 16, 1470-1479.	9.0	35
12	Aerobic oxidation catalysis with stable radicals. Chemical Communications, 2014, 50, 4524-4543.	4.1	319
13	N,O-ligated Pd(<scp>ii</scp>) complexes for catalytic alcohol oxidation. Catalysis Science and Technology, 2014, 4, 2526-2534.	4.1	19
14	Copper/TEMPO catalysed synthesis of nitriles from aldehydes or alcohols using aqueous ammonia and with air as the oxidant. Chemical Communications, 2013, 49, 6030.	4.1	133
15	The synthesis of N-heterocycles via copper/TEMPO catalysed aerobic oxidation of amino alcohols. Green Chemistry, 2012, 14, 1281.	9.0	44
16	Crystal engineering with ionic liquids. CrystEngComm, 2012, 14, 4873.	2.6	12
17	Influence of ionic liquids on the crystalline structure of nanocolloids. CrystEngComm, 2011, 13, 3330.	2.6	6
18	Anionic N,O-ligated Pd(ii) complexes: highly active catalysts for alcohol oxidation. Chemical Communications, 2010, 46, 7238.	4.1	48

#	Article	IF	Citations
19	Notes on the Asymmetric Hydrogenation of Methyl Acetoacetate in Neoteric Solvents. Catalysis Letters, 2010, 134, 279-287.	2.6	17
20	Continuous flow hydroformylation using supported ionic liquid phase catalysts with carbon dioxide as a carrier. Dalton Transactions, 2010, 39, 8501.	3.3	54
21	Modern multiphase catalysis: new developments in the separation of homogeneous catalysts. Dalton Transactions, 2010, 39, 337-348.	3.3	56
22	Improving Carbon Dioxide Solubility in Ionic Liquids. Journal of Physical Chemistry B, 2007, 111, 9001-9009.	2.6	697
23	Supported ionic liquid phase catalysis with supercritical flow. Chemical Communications, 2007, , 1462.	4.1	81
24	â€œSolventlessâ€•continuous flow homogeneous hydroformylation of 1-octene. Dalton Transactions, 2007, , 5531.	3.3	50
25	Liquid Phase Behavior of Ionic Liquids with Alcohols:Â Experimental Studies and Modeling. Journal of Physical Chemistry B, 2006, 110, 9354-9361.	2.6	133
26	Phase transition and decomposition temperatures, heat capacities and viscosities of pyridinium ionic liquids. Journal of Chemical Thermodynamics, 2005, 37, 559-568.	2.0	642
27	Synthesis of gel-type polymer beads from ionic liquid monomers. Journal of Polymer Science Part A, 2004, 42, 3865-3869.	2.3	96
28	Solvent strength of ionic liquid/CO2 mixtures. Physical Chemistry Chemical Physics, 2004, 6, 3280.	2.8	79
29	Diffusion-Controlled Reactions in Room Temperature Ionic Liquids. ACS Symposium Series, 2003, , 357-369.	0.5	8
30	Bimolecular rate constants for diffusion in ionic liquidsElectronic supplementary information (ESI) available: Fig. S1: isokinetic plot obtained for the energy transfer reaction of 3BP* and N in five ionic liquids, toluene and acetonitrile. See http://www.rsc.org/suppdata/cc/b2/b202944h/. Chemical Communications, 2002, , 1880-1881.	4.1	101
31	Photochemistry in Ionic Liquids. ACS Symposium Series, 2002, , 428-443.	0.5	3
32	Ionic liquids: polar, but weakly coordinating solvents for the first biphasic oligomerisation of ethene to higher Î±-olefins with cationic Ni complexes. Chemical Communications, 2001, , 1186-1187.	4.1	157
33	Hydrogen abstraction from ionic liquids by benzophenone triplet excited states. Chemical Communications, 2001, , 2364-2365.	4.1	41
34	Investigations of solventâ€“solute interactions in room temperature ionic liquids using solvatochromic dyes. Perkin Transactions II RSC, 2001, , 433-435.	1.1	347