John M Roberts

List of Publications by Year
in descending order

16	8,193	840119 11	887659 17
papers	citations	h-index	g-index

19	19	19	11078
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metalâ€“organic framework materials as catalysts. Chemical Society Reviews, 2009, 38, 1450.	18.7	7,228
2	Urea Metalâ€“Organic Frameworks as Effective and Size-Selective Hydrogen-Bond Catalysts. Journal of the American Chemical Society, 2012, 134, 3334-3337.	6.6	292
3	Single-Molecule Tip-Enhanced Raman Spectroscopy. Journal of Physical Chemistry C, 2012, 116, 478-483.	1.5	226
4	Catalytic Enantioselective Total Syntheses of Bakkenolides I, J, and S: Application of a Carbene-Catalyzed Desymmetrization. Organic Letters, 2010, 12, 2830-2833.	2.4	86
5	NHC-Catalyzed/Titanium(IV)â˜Mediated Highly Diastereo- and Enantioselective Dimerization of Enals. Organic Letters, 2011, 13, 1068-1071.	2.4	84
6	Synthesis and Gas Sorption Properties of a Metal-Azolium Framework (MAF) Material. Inorganic Chemistry, 2009, 48, 9971-9973.	1.9	83
7	Selective Enzymatic Oxidation of Silanes to Silanols. Angewandte Chemie - International Edition, 2020, 59, 15507-15511.	7.2	48
8	Two Azolium Rings Are Better Than One: A Strategy for Controlling Catenation and Morphology in Zn and Cu Metalâ€“Organic Frameworks. Crystal Growth and Design, 2011, 11, 4747-4750.	1.4	47
9	Biocatalytic Transformations of Siliconâ€”the Other Group 14 Element. ACS Central Science, 2021, 7, 944-953.	5.3	28
10	A zwitterionic metalâ€“organic framework with free carboxylic acid sites that exhibits enhanced hydrogen adsorption energies. CrystEngComm, 2013, 15, 9408.	1.3	19
11	Synthesis of SiCl₄ from Gaseous HCl and Si(OMe)₄. Reaction Development and Kinetic Studies. Industrial & Engineering Chemistry Research, 2016, 55, 1813-1818.	1.8	11
12	Synthesis of SiCl4 via the Chloride Salt-Catalyzed Reaction of Orthosilicates with SOCl2. Industrial & Engineering Chemistry Research, 2017, 56, 11652-11655.	1.8	10
13	Toward a New Direct Process: Synthesis of Methylmethoxysilanes from Dimethyl Carbonate and Pentacopper Silicide. Industrial & Engineering Chemistry Research, 2020, 59, 7457-7465.	1.8	9
14	Selective Enzymatic Oxidation of Silanes to Silanols. Angewandte Chemie, 2020, 132, 15637-15641.	1.6	9
15	Lewis Acids As Highly Active Silanol Polycondensation Catalysts Affording Low Levels of Cyclosiloxanes. Macromolecules, 2020, 53, 7487-7495.	2.2	7
16	Homoconjugated Acids as Low Cyclosiloxane-Producing Silanol Polycondensation Catalysts. ACS Omega, 2020, 5, 24954-24963.	1.6	3