

# Masaki Takahashi

## List of Publications by Year in descending order

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16  
papers

555  
citations

933447

10  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

856  
citing authors

#	ARTICLE	IF	CITATIONS
1	Substitution of Two Fluorine Atoms in a Trifluoromethyl Group: Regioselective Synthesis of 3-Fluoropyrazoles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12059-12062.	13.8	150
2	Platinum clusters with precise numbers of atoms for preparative-scale catalysis. <i>Nature Communications</i> , 2017, 8, 688.	12.8	137
3	Finely controlled multimetallic nanocluster catalysts for solvent-free aerobic oxidation of hydrocarbons. <i>Science Advances</i> , 2017, 3, e1700101.	10.3	96
4	Formation of a Pt <sub>12</sub> Cluster by Single-Atom Control That Leads to Enhanced Reactivity: Hydrogenation of Unreactive Olefins. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7419-7421.	13.8	43
5	A highly-active and poison-tolerant Pt <sub>12</sub> sub-nanocluster catalyst for the reductive amination of aldehydes with amines. <i>Dalton Transactions</i> , 2013, 42, 15919.	3.3	17
6	RAFT synthesis of polystyrene- <i>b</i> -poly(polyethylene glycol monomethyl ether acrylate) for zinc phthalocyanine-loaded polymeric micelles as photodynamic therapy photosensitizers. <i>Journal of Polymer Science Part A</i> , 2018, 56, 560-570.	2.3	16
7	Reactivities of platinum subnanocluster catalysts for the oxidation reaction of alcohols. <i>RSC Advances</i> , 2015, 5, 100693-100696.	3.6	13
8	Effect of the hydrophobic segment of an amphiphilic block copolymer on micelle formation, zinc phthalocyanine loading, and photodynamic activity. <i>European Polymer Journal</i> , 2021, 147, 110325.	5.4	13
9	Construction of a polyMOF using a polymer ligand bearing the benzenedicarboxylic acid moiety in the side chain. <i>New Journal of Chemistry</i> , 2020, 44, 5182-5185.	2.8	10
10	Synthesis of amphiphilic block copolymer consisting of glycopolymer and poly( <i>l</i> -lactide) and preparation of sugar-coated polymer aggregates. <i>Journal of Polymer Science Part A</i> , 2017, 55, 395-403.	2.3	9
11	A novel approach to white-light emission using a single fluorescent urea derivative and fluoride. <i>New Journal of Chemistry</i> , 2019, 43, 3265-3268.	2.8	7
12	RAFT synthesis of an amphiphilic block copolymer bearing chlorine rings in the hydrophobic segment and its application in photodynamic therapy. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3395-3403.	2.3	6
13	Synthesis of an oxygen-permeable block copolymer with catechol groups and its application in polymer-ceramic pressure-sensitive paint. <i>Polymer</i> , 2020, 191, 122281.	3.8	6
14	A fluorescent calix[4]arene with naphthalene units at the upper rim exhibits long fluorescence emission lifetime without fluorescence quenching. <i>RSC Advances</i> , 2021, 11, 11651-11654.	3.6	4
15	Environment-sensitive emission of anionic hydrogen-bonded urea-derivative-acetate-ion complexes and their aggregation-induced emission enhancement. <i>Communications Chemistry</i> , 2021, 4, .	4.5	4
16	Ion-responsive Intramolecular Charge-transfer Absorption Using a Pyridinium Benzocrown Ether Conjugate. <i>Analytical Sciences</i> , 2015, 31, 1279-1283.	1.6	1