

# Masanori Yamamoto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1664359/publications.pdf>

Version: 2024-02-01

22  
papers

717  
citations

567281

15  
h-index

610901

24  
g-index

28  
all docs

28  
docs citations

28  
times ranked

975  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cationic DABCO-Based Catalyst for Site-Selective C-H Alkylation via Photoinduced Hydrogen-Atom Transfer. <i>ACS Catalysis</i> , 2022, 12, 2045-2051.	11.2	29
2	Porous nanographene formation on $\gamma$ -alumina nanoparticles via transition-metal-free methane activation. <i>Chemical Science</i> , 2022, 13, 3140-3146.	7.4	8
3	Iron porphyrin-derived ordered carbonaceous frameworks. <i>Catalysis Today</i> , 2021, 364, 164-171.	4.4	12
4	Synthesis of graphene mesosponge via catalytic methane decomposition on magnesium oxide. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14296-14308.	10.3	42
5	Force-responsive ordered carbonaceous frameworks synthesized from Ni-porphyrin. <i>Chemical Communications</i> , 2021, 57, 6007-6010.	4.1	10
6	Nano-Confinement of Insulating Sulfur in the Cathode Composite of All-Solid-State Li-S Batteries Using Flexible Carbon Materials with Large Pore Volumes. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 38613-38622.	8.0	16
7	Pyrene-Thiol-modified Pd Nanoparticles on Carbon Support: Kinetic Control by Steric Hinderance and Improved Stability by the Catalyst-Support Interaction. <i>ChemCatChem</i> , 2020, 12, 5880-5887.	3.7	11
8	Carbon-rich materials with three-dimensional ordering at the angstrom level. <i>Chemical Science</i> , 2020, 11, 5866-5873.	7.4	28
9	Effect of carbon surface on degradation of supercapacitors in a negative potential range. <i>Journal of Power Sources</i> , 2020, 457, 228042.	7.8	26
10	Synthesis of Ordered Carbonaceous Framework with Microporosity from Porphyrin with Ethynyl Groups. <i>Chemistry Letters</i> , 2020, 49, 619-623.	1.3	14
11	Force-driven reversible liquid-gas phase transition mediated by elastic nanosponges. <i>Nature Communications</i> , 2019, 10, 2559.	12.8	46
12	Probing the Entropic Effect in Molecular Noncovalent Interactions between Resin-Bound Polybrominated Arenes and Small Substrates. <i>ChemPlusChem</i> , 2018, 83, 820-824.	2.8	1
13	A Ruthenium Complex-Porphyrin-Linked Molecular Pentad as an Integrative Photosynthetic Model. <i>Angewandte Chemie</i> , 2017, 129, 3377-3381.	2.0	15
14	A Ruthenium Complex-Porphyrin-Linked Molecular Pentad as an Integrative Photosynthetic Model. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3329-3333.	13.8	51
15	Remarkable Dependence of the Final Charge Separation Efficiency on the Donor-Acceptor Interaction in Photoinduced Electron Transfer. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 629-633.	13.8	94
16	Artificial Molecular Photosynthetic Systems: Towards Efficient Photoelectrochemical Water Oxidation. <i>ChemPlusChem</i> , 2016, 81, 1028-1044.	2.8	40
17	Visible light-driven water oxidation with a subporphyrin sensitizer and a water oxidation catalyst. <i>Chemical Communications</i> , 2016, 52, 13702-13705.	4.1	61
18	Probing the Dipolar Coupling in a Heterospin Endohedral Fullerene-Phthalocyanine Dyad. <i>Journal of the American Chemical Society</i> , 2016, 138, 1313-1319.	13.7	29

#	ARTICLE	IF	CITATIONS
19	Visible light-driven water oxidation using a covalently-linked molecular catalystâ€“sensitizer dyad assembled on a TiO <sub>2</sub> electrode. <i>Chemical Science</i> , 2016, 7, 1430-1439.	7.4	103
20	Slow Charge Recombination and Enhanced Photoelectrochemical Properties of Diazaporphyrin-Fullerene Linked Dyad. <i>Journal of Physical Chemistry C</i> , 2014, 118, 1808-1820.	3.1	17
21	Highly Diastereoselective Construction of Acyclic Systems with Two Adjacent Quaternary Stereocenters by Allylation of Ketones. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7263-7266.	13.8	32
22	An identification method of nonlinear systems by volterra series. <i>Electronics and Communications in Japan</i> , 1988, 71, 39-51.	0.1	1