

# Takamasa Tsukamoto

## List of Publications by Year in descending order

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42  
papers

916  
citations

430874

18  
h-index

454955

30  
g-index

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all docs

44  
docs citations

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times ranked

1061  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordination Nanosheets Based on Terpyridine-Zinc(II) Complexes: As Photoactive Host Materials. <i>Journal of the American Chemical Society</i> , 2017, 139, 5359-5366.	13.7	104
2	The coordination nanosheet (CONASH). <i>Coordination Chemistry Reviews</i> , 2016, 320-321, 118-128.	18.8	91
3	Heteroleptic [Bis(oxazoline)](dipyrrinato)zinc(II) Complexes: Bright and Circularly Polarized Luminescence from an Originally Achiral Dipyrrinato Ligand. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1377-1381.	13.8	75
4	Atom-hybridization for synthesis of polymetallic clusters. <i>Nature Communications</i> , 2018, 9, 3873.	12.8	60
5	Aerobic Toluene Oxidation Catalyzed by Subnano Metal Particles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1002-1006.	13.8	59
6	Unique fluorescence behavior of dyes on the clay minerals surface: Surface Fixation Induced Emission (S-FIE). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 339, 67-79.	3.9	48
7	Unique Photochemical Properties of <i>p</i> -Substituted Cationic Triphenylbenzene Derivatives on a Clay Layer Surface. <i>Journal of Physical Chemistry C</i> , 2013, 117, 2774-2779.	3.1	35
8	Supramolecular Surface Photochemistry: Cascade Energy Transfer between Encapsulated Dyes Aligned on a Clay Nanosheet Surface. <i>Langmuir</i> , 2016, 32, 2920-2927.	3.5	35
9	Photochemical Properties of Mono-, Tri-, and Penta-Cationic Antimony(V) Metalloporphyrin Derivatives on a Clay Layer Surface. <i>Journal of Physical Chemistry A</i> , 2013, 117, 7823-7832.	2.5	34
10	Photophysical Properties and Adsorption Behaviors of Novel Tri-Cationic Boron(III) Subporphyrin on Anionic Clay Surface. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 7522-7528.	8.0	33
11	Mechano-, thermo-, solvato-, and vapo-chromism in bis(acetato- $\mu$ -O)[4-(diphenylamino)phenyl](2,2',6',2''-terpyridine- $\mu$ -3,3') $\text{Ni}(\text{N}_3)_2$ and its polymer. <i>Chemical Communications</i> , 2017, 53, 9805-9808.	11.1	32
12	Structure resembling effect of clay surface on photochemical properties of meso-phenyl or pyridyl-substituted monocationic antimony(v) porphyrin derivatives. <i>RSC Advances</i> , 2015, 5, 8479-8485.	3.6	28
13	Heteroleptic [Bis(oxazoline)](dipyrrinato)zinc(II) Complexes: Bright and Circularly Polarized Luminescence from an Originally Achiral Dipyrrinato Ligand. <i>Angewandte Chemie</i> , 2016, 128, 1399-1403.	2.0	27
14	Periodicity of molecular clusters based on symmetry-adapted orbital model. <i>Nature Communications</i> , 2019, 10, 3727.	12.8	25
15	Pinning effect for photoisomerization of a dicationic azobenzene derivative by anionic sites of the clay surface. <i>Chemical Communications</i> , 2014, 50, 314-316.	4.1	23
16	A simple zinc complex that features multi-functional luminochromism induced by reversible ligand dissociation. <i>Chemical Communications</i> , 2017, 53, 3657-3660.	4.1	23
17	Selective Hydroperoxygenation of Olefins Realized by a Coinage Multimetallic 1-Nanometer Catalyst. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23051-23055.	13.8	23
18	Modern cluster design based on experiment and theory. <i>Nature Reviews Chemistry</i> , 2021, 5, 338-347.	30.2	23

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19	Highly Selective Photochemical Epoxidation of Cyclohexene Sensitized by Ru(II) Porphyrin@Clay Hybrid Catalyst. <i>Chemistry Letters</i> , 2017, 46, 1311-1314.	1.3	17
20	Photochemical Chlorination and Oxygenation Reaction of Cyclohexene Sensitized by Ga(III) Porphyrin@Clay Minerals System with High Durability and Usability. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 578-583.	3.2	14
21	Fluorescence Enhancement Behavior of Hemicyanine Derivatives on the Clay Nanosheets: Aggregation Induced Emission (AIE) vs. Surface-fixation Induced Emission (S-FIE). <i>Chemistry Letters</i> , 2018, 47, 636-639.	1.3	14
22	Artificial Photosynthesis Model: Photochemical Reaction System with Efficient Light-Harvesting Function on Inorganic Nanosheets. <i>ACS Omega</i> , 2018, 3, 18563-18571.	3.5	13
23	Aerobic Toluene Oxidation Catalyzed by Subnano Metal Particles. <i>Angewandte Chemie</i> , 2019, 131, 1014-1018.	2.0	11
24	Quantum Materials Exploration by Sequential Screening Technique of Heteroatomicity. <i>Journal of the American Chemical Society</i> , 2020, 142, 19078-19084.	13.7	11
25	Nanomaterials design for super-degenerate electronic state beyond the limit of geometrical symmetry. <i>Nature Communications</i> , 2018, 9, 3758.	12.8	9
26	Unique Functions and Applications of Rigid Dendrimers Featuring Radial Aromatic Chains. <i>Accounts of Chemical Research</i> , 2021, 54, 4486-4497.	15.6	9
27	Superatomic Gallium Clusters in Dendrimers: Unique Rigidity and Reactivity Depending on their Atomicity. <i>Advanced Materials</i> , 2020, 32, e1907167.	21.0	8
28	Selective Hydroperoxygation of Olefins Realized by a Coinage Multimetallic 1-nm Nanometer Catalyst. <i>Angewandte Chemie</i> , 2020, 132, 23251-23255.	2.0	6
29	Active species transfer-type artificial light harvesting system in the nanosheet @ Dye complexes: Utilization of longer wavelength region of sunlight. <i>Tetrahedron Letters</i> , 2018, 59, 528-531.	1.4	5
30	Adsorption and stacking behaviour of zwitterionic porphyrin on the clay surface. <i>Clay Minerals</i> , 2012, 47, 243-250.	0.6	4
31	Microstructure and the Mobility of Fluorinated Carbon Chain of Reversed Micelles Formed by Cationic Polyfluorinated Surfactant. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 1273-1277.	3.2	3
32	Electrochemical Measurement of Bismuth Clusters in Dendrimer Through Transformation from Atomicity Controlled Complexes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 169-173.	3.7	3
33	Expansion of Dendrimer Template Function for Subnanoparticle Synthesis. <i>Chemistry Letters</i> , 2021, 50, 1648-1651.	1.3	3
34	Poly-phenylene jacketed tailor-made dendritic phenylazomethine ligand for nanoparticle synthesis. <i>Chemical Science</i> , 2022, 13, 5813-5817.	7.4	3
35	Highly Accurate Synthesis of Quasi-subnanoparticles by Dendron-assembled Supramolecular Templates. <i>Angewandte Chemie - International Edition</i> , 2022, , .	13.8	2
36	Superatomic Clusters: Superatomic Gallium Clusters in Dendrimers: Unique Rigidity and Reactivity Depending on their Atomicity ( <i>Adv. Mater.</i> 14/2020). <i>Advanced Materials</i> , 2020, 32, 2070096.	21.0	1

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37	Controlled Synthesis of Au <sub>25</sub> Superatom Using a Dendrimer Template. <i>Molecules</i> , 2022, 27, 3398.	3.8	1
38	Innentitelbild: Aerobic Toluene Oxidation Catalyzed by Subnano Metal Particles ( <i>Angew. Chem.</i> 4/2019). <i>Angewandte Chemie</i> , 2019, 131, 932-932.	2.0	0
39	Functional Dye Materials Composed of Clay Nano-sheet. <i>Journal of the Japan Society of Colour Material</i> , 2013, 86, 198-203.	0.1	0
40	Highly Accurate Synthesis of Quasi-Subnanoparticles by Dendron-Assembled Supramolecular Templates. <i>Angewandte Chemie</i> , 0, , .	2.0	0
41	Innentitelbild: Highly Accurate Synthesis of Quasi-Subnanoparticles by Dendron-Assembled Supramolecular Templates ( <i>Angew. Chem.</i> 8/2022). <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0
42	Equable Fine-tuning Techniques of Bimetallic Co-complexation in Dendrimer for Cluster Synthesis Covering a Wide Range of Composition. <i>Chemistry Letters</i> , 2022, 51, 848-850.	1.3	0