

Mitsuaki Yamauchi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7183761/publications.pdf>

Version: 2024-02-01

43
papers

1,450
citations

430874

18
h-index

330143

37
g-index

48
all docs

48
docs citations

48
times ranked

1969
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In Situ</i> Observation of Emission Sites during the Halide Exchange Reaction in Single Cesium Lead Halide Perovskite Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2022, 126, 2627-2633.	3.1	4
2	Enhanced Single-Photon Emission from Single Quantum Dots Interacting with a One-Dimensional Plasmonic Chip. <i>Journal of Physical Chemistry C</i> , 2022, 126, 5189-5197.	3.1	3
3	Visible Light-induced Emission Enhancement in Aggregates of an Azobenzene Derivative. <i>Chemistry Letters</i> , 2022, 51, 473-476.	1.3	1
4	A Highly Ordered Quantum Dot Supramolecular Assembly Exhibiting Photoinduced Emission Enhancement. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6473-6479.	13.8	8
5	Innentitelbild: A Highly Ordered Quantum Dot Supramolecular Assembly Exhibiting Photoinduced Emission Enhancement (<i>Angew. Chem.</i> 12/2021). <i>Angewandte Chemie</i> , 2021, 133, 6254-6254.	2.0	0
6	A Highly Ordered Quantum Dot Supramolecular Assembly Exhibiting Photoinduced Emission Enhancement. <i>Angewandte Chemie</i> , 2021, 133, 6547-6553.	2.0	0
7	Elucidation of the Mechanism of Quantum Dot Arrangement Based on Self-Assembly of an Azobenzene Derivative. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1799-1803.	3.2	4
8	Solvent Dependence of the Photoinduced Anion Exchange Reaction of Cesium Lead Halide Perovskite Nanocrystals. <i>Chemistry Letters</i> , 2021, 50, 1483-1485.	1.3	0
9	Systematic Synthesis of Tetrathia[8]circulenes: The Influence of Peripheral Substituents on the Structures and Properties in Solution and Solid States. <i>Journal of Organic Chemistry</i> , 2020, 85, 62-69.	3.2	29
10	<i>In Situ</i> Observation of Emission Behavior during Anion-Exchange Reaction of a Cesium Lead Halide Perovskite Nanocrystal at the Single-Nanocrystal Level. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 530-535.	4.6	23
11	Photoluminescence On/Off Switching of a Single Colloidal Quantum Dot Using Photochromic Diarylethene. <i>Journal of Physical Chemistry C</i> , 2020, 124, 17423-17429.	3.1	15
12	<i>In Situ</i> Observation of a Photodegradation-Induced Blueshift in Perovskite Nanocrystals Using Single-Particle Spectroscopy Combined with Atomic Force Microscopy. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18770-18776.	3.1	15
13	Visible-Light-Induced Heptacene Generation under Ambient Conditions: Utilization of Single-Crystal Interior as an Isolated Reaction Site. <i>Chemistry - A European Journal</i> , 2020, 26, 15079-15083.	3.3	15
14	Slow Anion-Exchange Reaction of Cesium Lead Halide Perovskite Nanocrystals in Supramolecular Gel Networks. <i>ACS Omega</i> , 2020, 5, 14370-14375.	3.5	12
15	Frontispiece: Self-Assembly of Semiconductor Quantum Dots using Organic Templates. <i>Chemistry - A European Journal</i> , 2020, 26, .	3.3	0
16	Self-Assembly of Semiconductor Quantum Dots using Organic Templates. <i>Chemistry - A European Journal</i> , 2020, 26, 7176-7184.	3.3	12
17	Crystallization-Induced Emission of Azobenzene Derivatives. <i>Angewandte Chemie</i> , 2019, 131, 14311-14316.	2.0	18
18	Crystallization-Induced Emission of Azobenzene Derivatives. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14173-14178.	13.8	53

#	ARTICLE	IF	CITATIONS
19	Photoconversion of 6,13- β -diketopentacene single crystals exhibiting light intensity-dependent morphological change. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 6348-6353.	2.8	3
20	Kinetically and Thermodynamically Controlled Nanostructures of Perylene-Substituted Lophine Derivatives. <i>Journal of Physical Chemistry C</i> , 2019, 123, 10145-10152.	3.1	1
21	Frontispiece: Colloidal Quantum Dot Arrangement Assisted by Perylene Bisimide Self-Assembly. <i>Chemistry - A European Journal</i> , 2019, 25, .	3.3	0
22	Colloidal Quantum Dot Arrangement Assisted by Perylene Bisimide Self-Assembly. <i>Chemistry - A European Journal</i> , 2019, 25, 167-172.	3.3	18
23	Kinetic Control Over the Topology of Curved Supramolecular Polymers. , 2019, , 231-248.		0
24	Water-induced self-assembly of an amphiphilic perylene bisimide dyad into vesicles, fibers, coils, and rings. <i>Materials Chemistry Frontiers</i> , 2018, 2, 171-179.	5.9	34
25	Photoresponsive supramolecular copolymers from diarylethene- π -perylene bisimide hydrogen bonded complexes. <i>Polymer</i> , 2017, 128, 356-362.	3.8	10
26	Supramolecular Polymerization of Supermacrocycles: Effect of Molecular Conformations on Kinetics and Morphology. <i>Chemistry - A European Journal</i> , 2017, 23, 5270-5280.	3.3	21
27	High-fidelity self-assembly pathways for hydrogen-bonding molecular semiconductors. <i>Scientific Reports</i> , 2017, 7, 43098.	3.3	34
28	Light-induced unfolding and refolding of supramolecular polymer nanofibres. <i>Nature Communications</i> , 2017, 8, 15254.	12.8	105
29	Water-induced helical supramolecular polymerization and gel formation of an alkylene-tethered perylene bisimide dyad. <i>Chemical Communications</i> , 2017, 53, 168-171.	4.1	29
30	Hydrogen-bonded rosettes comprising π -conjugated systems as building blocks for functional one-dimensional assemblies. <i>Chemical Communications</i> , 2017, 53, 9663-9683.	4.1	80
31	Phototriggered Supramolecular Polymerization of Barbituric Acid Rosette. <i>Chemistry Letters</i> , 2017, 46, 111-114.	1.3	12
32	Supramolecular polymerization of hydrogen-bonded rosettes with anthracene chromophores: regioisomeric effect on nanostructures. <i>Polymer Journal</i> , 2017, 49, 189-195.	2.7	3
33	Self-sorting regioisomers through the hierarchical organization of hydrogen-bonded rosettes. <i>Chemical Communications</i> , 2016, 52, 8211-8214.	4.1	37
34	Simultaneous SAXS and SANS Analysis for the Detection of Toroidal Supramolecular Polymers Composed of Noncovalent Supermacrocycles in Solution. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9890-9893.	13.8	58
35	Simultaneous SAXS and SANS Analysis for the Detection of Toroidal Supramolecular Polymers Composed of Noncovalent Supermacrocycles in Solution. <i>Angewandte Chemie</i> , 2016, 128, 10044-10047.	2.0	21
36	Photoreactive helical nanoaggregates exhibiting morphology transition on thermal reconstruction. <i>Nature Communications</i> , 2015, 6, 8936.	12.8	91

#	ARTICLE	IF	CITATIONS
37	Photocontrol Over Self-Assembled Nanostructures of π -Stacked Dyes Supported by the Parallel Conformer of Diarylethene. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2602-2606.	13.8	76
38	Design amphiphilic dipolar π -systems for stimuli-responsive luminescent materials using metastable states. <i>Nature Communications</i> , 2014, 5, 4013.	12.8	324
39	A colorless functional polydopamine thin layer as a basis for polymer capsules. <i>Polymer Chemistry</i> , 2013, 4, 2696.	3.9	90
40	Guided supramolecular polymerization of oligo(<i>p</i> -phenylenevinylene) functionalized bismelamines. <i>Chemical Communications</i> , 2013, 49, 4941.	4.1	15
41	Self-assembled Nanofibrils and Nanorings Formed from Oligo(<i>p</i> -phenylenevinylene) Dimers. <i>Chemistry Letters</i> , 2013, 42, 799-800.	1.3	5
42	Control over Hierarchy Levels in the Self-Assembly of Stackable Nanotoroids. <i>Journal of the American Chemical Society</i> , 2012, 134, 18205-18208.	13.7	143
43	Reversible Photoluminescence Control of Azobenzene Crystals by Light and Heat Stimulation. <i>ChemPhotoChem</i> , 0, , .	3.0	1