

Yutaka Okazaki

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

617
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840776

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#	ARTICLE	IF	CITATIONS
1	Induction of Strong and Tunable Circularly Polarized Luminescence of Nonchiral, Nonmetal, Low-Molecular-Weight Fluorophores Using Chiral Nanotemplates. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2989-2993.	13.8	205
2	Optically Active Perovskite CsPbBr ₃ Nanocrystals Helically Arranged on Inorganic Silica Nanohelices. <i>Nano Letters</i> , 2020, 20, 8453-8460.	9.1	68
3	Fluorescence emission originated from the H-aggregated cyanine dye with chiral gemini surfactant assemblies having a narrow absorption band and a remarkably large Stokes shift. <i>Chemical Communications</i> , 2017, 53, 8870-8873.	4.1	53
4	Induction of Strong and Tunable Circularly Polarized Luminescence of Nonchiral, Nonmetal, Low-Molecular-Weight Fluorophores Using Chiral Nanotemplates. <i>Angewandte Chemie</i> , 2017, 129, 3035-3039.	2.0	52
5	Direct Observation of Siloxane Chirality on Twisted and Helical Nanometric Amorphous Silica. <i>Nano Letters</i> , 2016, 16, 6411-6415.	9.1	49
6	Chiral Colloids: Homogeneous Suspension of Individualized SiO ₂ Helical and Twisted Nanoribbons. <i>ACS Nano</i> , 2014, 8, 6863-6872.	14.6	47
7	Facile and Versatile Approach for Generating Circularly Polarized Luminescence by Non-chiral, Low-molecular Dye-on-nanotemplate Composite System. <i>Chemistry Letters</i> , 2016, 45, 448-450.	1.3	24
8	Memorized chiral arrangement of gemini surfactant assemblies in nanometric hybrid organic-silica helices. <i>Chemical Communications</i> , 2016, 52, 5800-5803.	4.1	21
9	Induced circular dichroism of monoatomic anions: silica-assisted the transfer of chiral environment from molecular assembled nanohelices to halide ions. <i>Chemical Communications</i> , 2018, 54, 10244-10247.	4.1	20
10	Chirality Induction to CdSe Nanocrystals Self-Organized on Silica Nanohelices: Tuning Chiroptical Properties. <i>ACS Nano</i> , 2021, 15, 16411-16421.	14.6	15
11	Creation of a polymer backbone in lipid bilayer membrane-based nanotubes for morphological and microenvironmental stabilization. <i>RSC Advances</i> , 2014, 4, 33194-33197.	3.6	12
12	Chirality induction on non-chiral dye-linked polysilsesquioxane in nanohelical structures. <i>Chemical Communications</i> , 2020, 56, 7241-7244.	4.1	12
13	Functional Phase Separation in Polymer-Monomer Composite Film: Controlled Induction of Pyrene Orientation. <i>Chemistry Letters</i> , 2013, 42, 1297-1299.	1.3	6
14	Slow kinetic evolution of nanohelices based on gemini surfactant self-assemblies with various enantiomeric excess; chiral segregation towards a racemic mixture. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3021-3028.	5.9	6
15	Chirality induction to achiral molecules by silica-coated chiral molecular assemblies. <i>Chirality</i> , 2021, 33, 494-505.	2.6	6
16	Lanthanide ion-doped silica nanohelix: a helical inorganic network acts as a chiral source for metal ions. <i>Chemical Communications</i> , 2021, 57, 4392-4395.	4.1	6
17	Chiral optical scattering from helical and twisted silica nanoribbons. <i>Chemical Communications</i> , 2021, 57, 12024-12027.	4.1	3
18	Tunable Light Emission from Lignin: Various Photoluminescence Properties Controlled by the Lignocellulosic Species, Extraction Method, Solvent, and Polymer. <i>ACS Omega</i> , 2022, 7, 5096-5103.	3.5	3

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19	Co-assembling system that exhibits bright circularly polarized luminescence. <i>Materials Advances</i> , 2022, 3, 3123-3127.	5.4	3
20	Chiral stacking of cyanine or porphyrin as cationic fluorescent dyes in the presence of anionic polysaccharide of hyaluronic acid. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	2
21	Hierarchical chirality expression of gemini surfactant aggregates via equilibrium between chiral nucleotide and nonchiral monoanions. <i>Chirality</i> , 2020, 32, 949-960.	2.6	2
22	(Invited) One-Dimensionally Aligned Quantum Rods for Generation of Highly-Pure Circularly Polarized Light with High Light Intensity. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 926-926.	0.0	0