Naoya Ryu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1165805/publications.pdf

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22	338	1040056 9	839539 18
papers	citations	h-index	g-index

24	24	24	513
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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. Chemical Communications, 2017, 53, 8870-8873.	4.1	53
2	The development of a highly conductive PEDOT system by doping with partially crystalline sulfated cellulose and its electric conductivity. Journal of Materials Chemistry C, 2015, 3, 8881-8887.	5.5	52
3	Direct Observation of Siloxane Chirality on Twisted and Helical Nanometric Amorphous Silica. Nano Letters, 2016, 16, 6411-6415.	9.1	49
4	Cellulose/boron nitride coreâ€“shell microbeads providing high thermal conductivity for thermally conductive composite sheets. RSC Advances, 2016, 6, 33036-33042.	3.6	38
5	Molecular structural requirements, dye specificity, and application of anionic peptide amphiphiles that induce intense fluorescence in cationic dyes. Organic and Biomolecular Chemistry, 2009, 7, 2327.	2.8	21
6	Memorized chiral arrangement of gemini surfactant assemblies in nanometric hybrid organicâ€“silica helices. Chemical Communications, 2016, 52, 5800-5803.	4.1	21
7	Induced circular dichroism of monoatomic anions: silica-assisted the transfer of chiral environment from molecular assembled nanohelices to halide ions. Chemical Communications, 2018, 54, 10244-10247.	4.1	20
8	Chirality induction on non-chiral dye-linked polysilsesquioxane in nanohelical structures. Chemical Communications, 2020, 56, 7241-7244.	4.1	12
9	Formation of specific dipolar microenvironments complementary to dipolar betaine dye by nonionic peptide lipids in nonpolar medium. Organic and Biomolecular Chemistry, 2009, 7, 2338.	2.8	10
10	Functionalization of methyl orange using cationic peptide amphiphile: colorimetric discrimination between ATP and ADP at pH 2.0. Organic and Biomolecular Chemistry, 2011, 9, 2000.	2.8	10
11	Enhanced Fluorescence of Loosely Packed Dye Aggregates. Chemistry Letters, 2015, 44, 211-213.	1.3	10
12	One-pot green process for surface layering with nanodiamonds on polymer microspheres. Journal of Supercritical Fluids, 2017, 127, 217-222.	3.2	8
13	Multi-chiro-informative System Created by a Porphyrin-functionalized Chiral Molecular Assembly. Chemistry Letters, 2020, 49, 368-371.	1.3	8
14	Lanthanide ion-doped silica nanohelix: a helical inorganic network acts as a chiral source for metal ions. Chemical Communications, 2021, 57, 4392-4395.	4.1	6
15	Chemical mechanical polishing of transparent conductive layers using spherical cationic polymer microbeads. Thin Solid Films, 2015, 576, 31-37.	1.8	3
16	Extreme enhancement of secondary chirality through coordination-driven steric changes of terpyridyl ligand in glutamide-based molecular gels. RSC Advances, 2020, 10, 29627-29632.	3.6	3
17	Chiral optical scattering from helical and twisted silica nanoribbons. Chemical Communications, 2021, 57, 12024-12027.	4.1	3
18	Chemical redox-induced chiroptical switching of supramolecular assemblies of viologens. RSC Advances, 2022, 12, 2019-2025.	3.6	3

#	Article	IF	Citations
19	Co-assembling system that exhibits bright circularly polarized luminescence. Materials Advances, 2022, 3, 3123-3127.	5.4	3
20	Selective reflection enhancement by controlling of surface-layering structure of inorganic nanoparticles on polymer microspheres. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 637, 128188.	4.7	2
21	Helically Aligned Fused Carbon Hollow Nanospheres with Chiral Discrimination Ability. Nanoscale, 2022, , .	5.6	1
22	PEDOT-Sulfate Nanocrystalline Cellulose Composites and Their Characterization. Kobunshi Ronbunshu, 2017, 74, 565-571.	0.2	0