Yutao Sang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7741314/publications.pdf

Version: 2024-02-01

28	2,002	304743	501196
papers	citations	22	28
		h-index	g-index

29	29	29	1746
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hierarchical self-assembly into chiral nanostructures. Chemical Science, 2022, 13, 633-656.	7.4	63
2	Chirality enhances oxygen reduction. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	20
3	Steering Nanohelix and Upconverted Circularly Polarized Luminescence by Using Completely Achiral Components. ACS Nano, 2021, 15, 2753-2761.	14.6	44
4	Simultaneous High-Purity Enantiomeric Resolution of Conglomerates Using Magnetic Substrates. Crystal Growth and Design, 2021, 21, 2925-2931.	3.0	12
5	Temperature Dependence of Charge and Spin Transfer in Azurin. Journal of Physical Chemistry C, 2021, 125, 9875-9883.	3.1	26
6	Steering Tripletâ€“Triplet Annihilation Upconversion through Enantioselective Self-Assembly in a Supramolecular Gel. Journal of the American Chemical Society, 2021, 143, 13259-13265.	13.7	27
7	Circularly Polarized Luminescence in Nanoassemblies: Generation, Amplification, and Application. Advanced Materials, 2020, 32, e1900110.	21.0	602
8	Mechanically Controlled and Consecutively Boosted Circularly Polarized Luminescence of Nanoassemblies from Achiral Molecules. Journal of Physical Chemistry C, 2020, 124, 17274-17281.	3.1	25
9	The chiral amine triggered self-assembly of achiral emissive molecules into circularly polarized luminescent supramolecular assemblies. Chemical Communications, 2019, 55, 11135-11138.	4.1	14
10	Symmetry Breaking in Self-Assembled Nanoassemblies. Symmetry, 2019, 11, 950.	2.2	23
11	Asymmetric catalysis mediated by a mirror symmetry-broken helical nanoribbon. Nature Communications, 2019, 10, 3976.	12.8	80
12	Towards homochiral supramolecular entities from achiral molecules by vortex mixing-accompanied self-assembly. Chemical Science, 2019, 10, 2718-2724.	7.4	60
13	Nanoarchitectonics through supramolecular gelation: formation and switching of diverse nanostructures. Molecular Systems Design and Engineering, 2019, 4, 11-28.	3.4	45
14	Optically Active Upconverting Nanoparticles with Induced Circularly Polarized Luminescence and Enantioselectively Triggered Photopolymerization. ACS Nano, 2019, 13, 2804-2811.	14.6	114
15	Boosting the circularly polarized luminescence of small organic molecules via multi-dimensional morphology control. Chemical Science, 2019, 10, 6821-6827.	7.4	133
16	Circularly polarized luminescence of achiral open-shell Ï€-radicals. Chemical Communications, 2019, 55, 6583-6586.	4.1	45
17	Cooperative Chirality and Sequential Energy Transfer in a Supramolecular Lightâ€Harvesting Nanotube. Angewandte Chemie - International Edition, 2019, 58, 844-848.	13.8	199
18	Cooperative Chirality and Sequential Energy Transfer in a Supramolecular Lightâ€Harvesting Nanotube. Angewandte Chemie, 2019, 131, 854-858.	2.0	32

#	Article	IF	Citations
19	Nanotrumpets and circularly polarized luminescent nanotwists hierarchically self-assembled from an achiralC₃-symmetric ester. Chemical Communications, 2018, 54, 4025-4028.	4.1	34
20	Control over the emerging chirality in supramolecular gels and solutions by chiral microvortices in milliseconds. Nature Communications, 2018, 9, 2599.	12.8	92
21	Supramolecular gelatons: towards the design of molecular gels. Organic Chemistry Frontiers, 2018, 5, 2885-2900.	4.5	103
22	Assembly of colloidal cuprous oxide nanocrystals and study of its magnetic and electrocatalytic properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 522, 295-303.	4.7	6
23	Structural Regulation of PdCu₂ Nanoparticles and Their Electrocatalytic Performance for Ethanol Oxidation. ACS Applied Materials & Interfaces, 2016, 8, 34497-34505.	8.0	88
24	Electrochemical reaction of nitrobenzene and its derivatives on glassy carbon electrode modified with MnFe2O4 colloid nanocrystal assemblies. Sensors and Actuators B: Chemical, 2016, 234, 46-52.	7.8	30
25	Capacitive behavior of chestnut shell-based porous carbon electrode in ionic liquid electrolytes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 508, 173-177.	4.7	21
26	Experimental and theoretical studies on the effect of functional groups on carbon nanotubes to its oxygen reduction reaction activity. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 506, 476-484.	4.7	25
27	Synthesis of Palladium Colloidal Nanoparticle Aggregates and Their Electrocatalysis of Ethanol in Alkaline Media. Science of Advanced Materials, 2016, 8, 1345-1353.	0.7	6
28	Insights into the electrocatalysis of nitrobenzene using chemically-modified carbon nanotube electrodes. Scientific Reports, 2014, 4, 6321.	3.3	32