

Hiroshi Yamagishi

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

507
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

691
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-assembly of lattices with high structural complexity from a geometrically simple molecule. <i>Science</i> , 2018, 361, 1242-1246.	12.6	127
2	Redox-Responsive Molecular Systems and Materials. <i>Advanced Materials</i> , 2017, 29, 1603888.	21.0	74
3	Metal-Organic Nanotube with Helical and Propeller-Chiral Motifs Composed of a C_{10} -Symmetric Double-Decker Nanoring. <i>Journal of the American Chemical Society</i> , 2015, 137, 7628-7631.	13.7	48
4	Robust Angular Anisotropy of Circularly Polarized Luminescence from a Single Twisted-Bipolar Polymeric Microsphere. <i>Journal of the American Chemical Society</i> , 2021, 143, 8772-8779.	13.7	47
5	Mechanically Flexible and Optically Tunable Organic Crystal Resonator. <i>Advanced Optical Materials</i> , 2022, 10, 2101808.	7.3	34
6	Photochemically Switchable Interconnected Microcavities for All-Organic Optical Logic Gate. <i>Advanced Functional Materials</i> , 2021, 31, 2103685.	14.9	24
7	Single-Crystalline Optical Microcavities from Luminescent Dendrimers. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12674-12679.	13.8	21
8	Molecular simulation on the stability and adsorption properties of choline-based ionic liquids/IRMOF-1 hybrid composite for selective H ₂ S/CO ₂ capture. <i>Journal of Hazardous Materials</i> , 2020, 399, 123008.	12.4	20
9	Liquid Polymer Eutectic Mixture for Integrated Extractive-Oxidative Desulfurization of Fuel Oil: An Optimization Study via Response Surface Methodology. <i>Processes</i> , 2020, 8, 848.	2.8	17
10	Polymer Optical Microcavity Sensor for Volatile Organic Compounds with Distinct Selectivity toward Aromatic Hydrocarbons. <i>ACS Omega</i> , 2021, 6, 21066-21070.	3.5	16
11	Silk fibroin microspheres as optical resonators for wide-range humidity sensing and biodegradable lasers. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5653-5657.	5.9	15
12	Sigmoidally hydrochromic molecular porous crystal with rotatable dendrons. <i>Communications Chemistry</i> , 2020, 3, .	4.5	14
13	A highly sensitive humidity sensor based on an aggregation-induced emission luminogen-appended hygroscopic polymer microresonator. <i>Materials Chemistry Frontiers</i> , 2021, 5, 799-803.	5.9	14
14	Nanoporous Fluorescent Microresonators for Non-wired Sensing of Volatile Organic Compounds down to the ppb Level. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1065-1070.	4.4	10
15	Solvophobicity-directed assembly of microporous molecular crystals. <i>Communications Chemistry</i> , 2021, 4, .	4.5	7
16	Single-Crystalline Optical Microcavities from Luminescent Dendrimers. <i>Angewandte Chemie</i> , 2020, 132, 12774-12779.	2.0	5
17	Fluorescence Switchable Conjugated Polymer Microdisk Arrays by Cosolvent Vapor Annealing. <i>Polymers</i> , 2021, 13, 269.	4.5	5
18	Long-wavelength visible to near infrared photoluminescence from carbon-bridged styrylstilbene and thiadiazole conjugates in organic and aqueous media. <i>RSC Advances</i> , 2021, 11, 6008-6013.	3.6	4

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19	Facile light-initiated radical generation from 4-substituted pyridine under ambient conditions. <i>Chemical Communications</i> , 2020, 56, 6937-6940.	4.1	4
20	Hydrothermal crosslinking of poly(fluorenylamine) with styryl side chains to produce insoluble fluorescent microparticles. <i>Polymer Journal</i> , 0, , .	2.7	1