Hiroshi Yamagishi

List of Publications by Year
in descending order

20	507	759233 12	794594 19
papers	citations	h-index	g-index

20	20	20	691
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanically Flexible and Optically Tunable Organic Crystal Resonator. Advanced Optical Materials, 2022, 10, 2101808.	7.3	34
2	Nanoporous Fluorescent Microresonators for Non-wired Sensing of Volatile Organic Compounds down to the ppb Level. ACS Applied Polymer Materials, 2022, 4, 1065-1070.	4.4	10
3	A highly sensitive humidity sensor based on an aggregation-induced emission luminogen-appended hygroscopic polymer microresonator. Materials Chemistry Frontiers, 2021, 5, 799-803.	5.9	14
4	Fluorescence Switchable Conjugated Polymer Microdisk Arrays by Cosolvent Vapor Annealing. Polymers, 2021, 13, 269.	4.5	5
5	Long-wavelength visible to near infrared photoluminescence from carbon-bridged styrylstilbene and thiadiazole conjugates in organic and aqueous media. RSC Advances, 2021, 11, 6008-6013.	3.6	4
6	Silk fibroin microspheres as optical resonators for wide-range humidity sensing and biodegradable lasers. Materials Chemistry Frontiers, 2021, 5, 5653-5657.	5.9	15
7	Photochemically Switchable Interconnected Microcavities for Allâ€Organic Optical Logic Gate. Advanced Functional Materials, 2021, 31, 2103685.	14.9	24
8	Robust Angular Anisotropy of Circularly Polarized Luminescence from a Single Twisted-Bipolar Polymeric Microsphere. Journal of the American Chemical Society, 2021, 143, 8772-8779.	13.7	47
9	Solvophobicity-directed assembly of microporous molecular crystals. Communications Chemistry, 2021, 4, .	4.5	7
10	Polymer Optical Microcavity Sensor for Volatile Organic Compounds with Distinct Selectivity toward Aromatic Hydrocarbons. ACS Omega, 2021, 6, 21066-21070.	3.5	16
11	Liquid Polymer Eutectic Mixture for Integrated Extractive-Oxidative Desulfurization of Fuel Oil: An Optimization Study via Response Surface Methodology. Processes, 2020, 8, 848.	2.8	17
12	Sigmoidally hydrochromic molecular porous crystal with rotatable dendrons. Communications Chemistry, 2020, 3, .	4.5	14
13	Singleâ€Crystalline Optical Microcavities from Luminescent Dendrimers. Angewandte Chemie, 2020, 132, 12774-12779.	2.0	5
14	Molecular simulation on the stability and adsorption properties of choline-based ionic liquids/IRMOF-1 hybrid composite for selective H2S/CO2 capture. Journal of Hazardous Materials, 2020, 399, 123008.	12.4	20
15	Singleâ€Crystalline Optical Microcavities from Luminescent Dendrimers. Angewandte Chemie - International Edition, 2020, 59, 12674-12679.	13.8	21
16	Facile light-initiated radical generation from 4-substituted pyridine under ambient conditions. Chemical Communications, 2020, 56, 6937-6940.	4.1	4
17	Self-assembly of lattices with high structural complexity from a geometrically simple molecule. Science, 2018, 361, 1242-1246.	12.6	127
18	Redoxâ€Responsive Molecular Systems and Materials. Advanced Materials, 2017, 29, 1603888.	21.0	74

#	Article	IF	Citations
19	Metalâ€“Organic Nanotube with Helical and Propeller-Chiral Motifs Composed of a C₁₀-Symmetric Double-Decker Nanoring. Journal of the American Chemical Society, 2015, 137, 7628-7631.	13.7	48
20	Hydrothermal crosslinking of poly(fluorenylamine) with styryl side chains to produce insoluble fluorescent microparticles. Polymer Journal, 0, , .	2.7	1