Hiroshi Yamagishi

List of Publications by Year
in descending order

20	507	759055 12	794469 19
papers	citations	h-index	g-index

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

#	Article	IF	Citations
1	Self-assembly of lattices with high structural complexity from a geometrically simple molecule. Science, 2018, 361, 1242-1246.	6.0	127
2	Redoxâ€Responsive Molecular Systems and Materials. Advanced Materials, 2017, 29, 1603888.	11.1	74
3	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.	6.6	48
4	Robust Angular Anisotropy of Circularly Polarized Luminescence from a Single Twisted-Bipolar Polymeric Microsphere. Journal of the American Chemical Society, 2021, 143, 8772-8779.	6.6	47
5	Mechanically Flexible and Optically Tunable Organic Crystal Resonator. Advanced Optical Materials, 2022, 10, 2101808.	3.6	34
6	Photochemically Switchable Interconnected Microcavities for Allâ€Organic Optical Logic Gate. Advanced Functional Materials, 2021, 31, 2103685.	7.8	24
7	Singleâ€Crystalline Optical Microcavities from Luminescent Dendrimers. Angewandte Chemie - International Edition, 2020, 59, 12674-12679.	7.2	21
8	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.	6.5	20
9	Liquid Polymer Eutectic Mixture for Integrated Extractive-Oxidative Desulfurization of Fuel Oil: An Optimization Study via Response Surface Methodology. Processes, 2020, 8, 848.	1.3	17
10	Polymer Optical Microcavity Sensor for Volatile Organic Compounds with Distinct Selectivity toward Aromatic Hydrocarbons. ACS Omega, 2021, 6, 21066-21070.	1.6	16
11	Silk fibroin microspheres as optical resonators for wide-range humidity sensing and biodegradable lasers. Materials Chemistry Frontiers, 2021, 5, 5653-5657.	3.2	15
12	Sigmoidally hydrochromic molecular porous crystal with rotatable dendrons. Communications Chemistry, 2020, 3, .	2.0	14
13	A highly sensitive humidity sensor based on an aggregation-induced emission luminogen-appended hygroscopic polymer microresonator. Materials Chemistry Frontiers, 2021, 5, 799-803.	3.2	14
14	Nanoporous Fluorescent Microresonators for Non-wired Sensing of Volatile Organic Compounds down to the ppb Level. ACS Applied Polymer Materials, 2022, 4, 1065-1070.	2.0	10
15	Solvophobicity-directed assembly of microporous molecular crystals. Communications Chemistry, 2021, 4, .	2.0	7
16	Singleâ€Crystalline Optical Microcavities from Luminescent Dendrimers. Angewandte Chemie, 2020, 132, 12774-12779.	1.6	5
17	Fluorescence Switchable Conjugated Polymer Microdisk Arrays by Cosolvent Vapor Annealing. Polymers, 2021, 13, 269.	2.0	5
18	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.	1.7	4

#	Article	IF	Citations
19	Facile light-initiated radical generation from 4-substituted pyridine under ambient conditions. Chemical Communications, 2020, 56, 6937-6940.	2.2	4
20	Hydrothermal crosslinking of poly(fluorenylamine) with styryl side chains to produce insoluble fluorescent microparticles. Polymer Journal, 0, , .	1.3	1