

# Hiroshi Yamagishi

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

507  
citations

759055

12  
h-index

794469

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

691  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanically Flexible and Optically Tunable Organic Crystal Resonator. <i>Advanced Optical Materials</i> , 2022, 10, 2101808.	3.6	34
2	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.	2.0	10
3	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.	3.2	14
4	Fluorescence Switchable Conjugated Polymer Microdisk Arrays by Cosolvent Vapor Annealing. <i>Polymers</i> , 2021, 13, 269.	2.0	5
5	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.	1.7	4
6	Silk fibroin microspheres as optical resonators for wide-range humidity sensing and biodegradable lasers. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5653-5657.	3.2	15
7	Photochemically Switchable Interconnected Microcavities for All-Organic Optical Logic Gate. <i>Advanced Functional Materials</i> , 2021, 31, 2103685.	7.8	24
8	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.	6.6	47
9	Solvophobicity-directed assembly of microporous molecular crystals. <i>Communications Chemistry</i> , 2021, 4, .	2.0	7
10	Polymer Optical Microcavity Sensor for Volatile Organic Compounds with Distinct Selectivity toward Aromatic Hydrocarbons. <i>ACS Omega</i> , 2021, 6, 21066-21070.	1.6	16
11	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.	1.3	17
12	Sigmoidally hydrochromic molecular porous crystal with rotatable dendrons. <i>Communications Chemistry</i> , 2020, 3, .	2.0	14
13	Single-Crystalline Optical Microcavities from Luminescent Dendrimers. <i>Angewandte Chemie</i> , 2020, 132, 12774-12779.	1.6	5
14	Molecular simulation on the stability and adsorption properties of choline-based ionic liquids/IRMOF-1 hybrid composite for selective H <sub>2</sub> S/CO <sub>2</sub> capture. <i>Journal of Hazardous Materials</i> , 2020, 399, 123008.	6.5	20
15	Single-Crystalline Optical Microcavities from Luminescent Dendrimers. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12674-12679.	7.2	21
16	Facile light-initiated radical generation from 4-substituted pyridine under ambient conditions. <i>Chemical Communications</i> , 2020, 56, 6937-6940.	2.2	4
17	Self-assembly of lattices with high structural complexity from a geometrically simple molecule. <i>Science</i> , 2018, 361, 1242-1246.	6.0	127
18	Redox-Responsive Molecular Systems and Materials. <i>Advanced Materials</i> , 2017, 29, 1603888.	11.1	74

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19	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.	6.6	48
20	Hydrothermal crosslinking of poly(fluorenylamine) with styryl side chains to produce insoluble fluorescent microparticles. <i>Polymer Journal</i> , 0, , .	1.3	1