

# Joydev Hatai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7556872/publications.pdf>

Version: 2024-02-01

20  
papers

527  
citations

759233

12  
h-index

794594

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

888  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Optical Probe for Real-Time Monitoring of Self-Replicator Emergence and Distinguishing between Replicators. <i>Journal of the American Chemical Society</i> , 2022, 144, 3074-3082.	13.7	4
2	Assessing changes in the expression levels of cell surface proteins with a turn-on fluorescent molecular probe. <i>Chemical Communications</i> , 2021, 57, 1875-1878.	4.1	8
3	Energy Relay Enhances Switching Efficiency in a Dendrimerâ€™Azobenzene Supramolecular Assembly with an Anionâ€™ Motif. <i>ChemPhotoChem</i> , 2021, 5, 348-352.	3.0	2
4	Multi-Stimuli-Responsive Supramolecular Polymers Based on Noncovalent and Dynamic Covalent Bonds. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 2107-2115.	8.0	34
5	A Metallosupramolecular Coordination Polymer for the â€™Turnâ€™ Fluorescence Detection of Hydrogen Sulfide. <i>ChemistryOpen</i> , 2020, 9, 786-792.	1.9	3
6	Switching the recognition ability of a photoswitchable receptor towards phosphorylated anions. <i>Chemical Communications</i> , 2020, 56, 4172-4175.	4.1	15
7	Instant detection of cyanide in seafood with a tryptophan based fluorescence probe. <i>Analytical Methods</i> , 2019, 11, 3563-3569.	2.7	6
8	Diverse Properties of Guanidiniocarbonyl Pyrrole-Based Molecules: Artificial Analogues of Arginine. <i>Accounts of Chemical Research</i> , 2019, 52, 1709-1720.	15.6	36
9	Analyzing Amyloid Beta Aggregates with a Combinatorial Fluorescent Molecular Sensor. <i>Journal of the American Chemical Society</i> , 2017, 139, 2136-2139.	13.7	115
10	Analyzing Amyloid Beta Aggregates with a Combinatorial Fluorescent Molecular Sensor. <i>Proceedings (mdpi)</i> , 2017, 1, 720.	0.2	0
11	A highly efficient tandem [3 + 2] â€™clickâ€™ cycloaddition/ <i>exo</i> -cyclization strategy for the construction of triazole fused pyrazines. <i>RSC Advances</i> , 2014, 4, 56952-56956.	3.6	16
12	Altered selectivity of a dipicolylamine based metal ion receptor. <i>Chemical Communications</i> , 2014, 50, 64-66.	4.1	17
13	A highly selective chemodosimeter for fast detection and intracellular imaging of Hg <sup>2+</sup> ions based on a dithiocarbamateâ€™isothiocyanate conversion in aqueous ethanol. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1072-1078.	2.8	29
14	Photoreversible Assemblyâ€™Disassembly of a Polymeric Structure by Using an Azobenzene Photoswitch and Al <sup>3+</sup> Ions. <i>Chemistry - A European Journal</i> , 2014, 20, 10020-10026.	3.3	10
15	The importance of water exclusion: an effective design strategy for detection of Al <sup>3+</sup> ions with high sensitivity. <i>RSC Advances</i> , 2013, 3, 22572.	3.6	12
16	Light gated reversible modulation of Cu <sup>2+</sup> binding. <i>RSC Advances</i> , 2013, 3, 3739.	3.6	6
17	A single molecule multi analyte chemosensor differentiates among Zn <sup>2+</sup> , Pb <sup>2+</sup> and Hg <sup>2+</sup> : modulation of selectivity by tuning of solvents. <i>RSC Advances</i> , 2012, 2, 7033.	3.6	45
18	Fluorescent detection of silver ions in water with organic nano-aggregates. <i>RSC Advances</i> , 2012, 2, 10941.	3.6	27

#	ARTICLE	IF	CITATIONS
19	Histidine Based Fluorescence Sensor Detects Hg <sup>2+</sup> in Solution, Paper Strips, and in Cells. Inorganic Chemistry, 2012, 51, 10129-10135.	4.0	106
20	An inorganic phosphate (Pi) sensor triggers "turn-on" fluorescence response by removal of a Cu <sup>2+</sup> ion from a Cu <sup>2+</sup> -ligand sensor: determination of Pi in biological samples. Tetrahedron Letters, 2012, 53, 4357-4360.	1.4	35