

# Rathinam Balamurugan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/818234/publications.pdf>

Version: 2024-02-01

16  
papers

401  
citations

840776

11  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

532  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescent "ON" Sensors for the Detection of Sn <sup>2+</sup> Ions Based on Amine-Functionalized Rhodamine 6G. <i>Chemosensors</i> , 2022, 10, 69.	3.6	11
2	Facile and green route polymerization of N-vinyl pyrrolidone under ultrasound-aided dual-site phase transfer catalytic conditions. <i>Colloid and Polymer Science</i> , 2022, 300, 641-654.	2.1	1
3	Highly efficient probe of dinuclear zinc complex for selective detection of oxalic acid. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 127, 349-356.	5.3	7
4	Effect of Polyethylene Glycol Incorporation in Electron Transport Layer on Photovoltaic Properties of Perovskite Solar Cells. <i>Nanomaterials</i> , 2020, 10, 1753.	4.1	12
5	MAPbI <sub>3</sub> Incorporated with Carboxyl Group Chelated Titania for Planar Perovskite Solar Cells in Low-Temperature Process. <i>Nanomaterials</i> , 2019, 9, 908.	4.1	10
6	Enhanced Efficiencies of Perovskite Solar Cells by Incorporating Silver Nanowires into the Hole Transport Layer. <i>Micromachines</i> , 2019, 10, 682.	2.9	13
7	A review of recent developments in fluorescent sensors for the selective detection of palladium ions. <i>Coordination Chemistry Reviews</i> , 2018, 376, 196-224.	18.8	88
8	Pd <sup>2+</sup> fluorescent sensors based on amino and imino derivatives of rhodamine and improvement of water solubility by the formation of inclusion complexes with $\beta$ -cyclodextrin. <i>Analyst</i> , 2017, 142, 1536-1544.	3.5	32
9	Dual-responsive ALS-type organogelators based on azobenzene-cholesteryl conjugates and their self-assemblies. <i>New Journal of Chemistry</i> , 2017, 41, 15555-15563.	2.8	10
10	A review of the fabrication of photonic band gap materials based on cholesteric liquid crystals. <i>Reactive and Functional Polymers</i> , 2016, 105, 9-34.	4.1	60
11	A turn-on fluorescence chemosensor based on a tripodal amine [tris(pyrrolyl- $\beta$ -methyl)amine]-rhodamine conjugate for the selective detection of zinc ions. <i>Analyst</i> , 2016, 141, 5456-5462.	3.5	15
12	The effect of meta versus para substitution on the aggregation of bis-cholesteryl appended 2,6-disubstituted pyridine-based gelators. <i>New Journal of Chemistry</i> , 2015, 39, 6068-6075.	2.8	6
13	Structure-property relationships of symmetrical and asymmetrical azobenzene derivatives as gelators and their self-assemblies. <i>Soft Matter</i> , 2014, 10, 8963-8970.	2.7	11
14	A depropargylation-triggered fluorescence "turn-on" probe for the detection of Pd <sup>2+</sup> based on a bispropargylamine-rhodamine conjugate. <i>Analyst</i> , 2013, 138, 1564.	3.5	51
15	Fluorogenic and chromogenic detection of Cu <sup>2+</sup> and Fe <sup>3+</sup> species in aqueous media by rhodamine-triazole conjugate. <i>Tetrahedron</i> , 2013, 69, 235-241.	1.9	59
16	Optical properties of chiral nematic side-chain copolymers bearing cholesteryl and azobenzene building blocks. <i>Journal of Polymer Science Part A</i> , 2011, 49, 770-780.	2.3	15