

Saravanakumar Manickam

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A colorimetric and ratiometric fluorescent sensor for biogenic primary amines based on dicyanovinyl substituted phenanthridine conjugated probe. <i>Dyes and Pigments</i> , 2020, 178, 108346.	3.7	43
2	(Tetrahydrodibenzo[<i>a</i>], <i>i</i>]phenanthridin-5-yl)phenol as a Fluorescent Probe for the Detection of Aniline. <i>Journal of Organic Chemistry</i> , 2019, 84, 11513-11523.	3.2	32
3	Highly sensitive turn-off fluorescent detection of cyanide in aqueous medium using dicyanovinyl-substituted phenanthridine fluorophore. <i>RSC Advances</i> , 2020, 10, 11791-11799.	3.6	25
4	Highly emissive, naked-eye solvatochromic probe based on styryl tetrahydrodibenzo[<i>a</i> , <i>i</i>]phenanthridine for acidochromic applications. <i>RSC Advances</i> , 2016, 6, 58549-58560.	3.6	22
5	A new furan based fluorescent chemosensor for the recognition of Cr ³⁺ ion and its application in real sample analysis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 418, 113441.	3.9	21
6	A phenanthridine-based probe for selective detection of hypochlorite ions. <i>New Journal of Chemistry</i> , 2022, 46, 6570-6576.	2.8	17
7	Azine based fluorescent rapid "off-on" chemosensor for detecting Th ⁴⁺ and Fe ³⁺ ions and its real-time application. <i>Dyes and Pigments</i> , 2021, 196, 109755.	3.7	16
8	SnCl ₂ -catalyzed synthesis of dihydro-5H-benzo[<i>f</i>]pyrazolo[3,4- <i>b</i>]quinoline and dihydroindeno[2,1- <i>b</i>]pyrazolo[4,3- <i>e</i>]pyridine with high fluorescence and their photophysical properties. <i>New Journal of Chemistry</i> , 2018, 42, 860-871.	2.8	13
9	One-Pot Synthesis and Photophysical Studies of Styryl-Based Benzo[<i>f</i>]pyrazolo[3,4- <i>b</i>]quinoline and Indeno[2,1- <i>b</i>]pyrazolo[4,3- <i>e</i>]pyridines. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6204-6216.	2.4	12
10	Phenanthridine-based fluorescence sensor for the "off-on" determination of thorium ion and its bio-imaging applications. <i>Dyes and Pigments</i> , 2022, 197, 109826.	3.7	11
11	Synthesis of T-shaped Oxazonaphthoimidazo[1,2- <i>a</i>]pyridines using Lactic Acid as Bio-based Green Solvent: An Insight into Photophysical Studies. <i>ChemistrySelect</i> , 2016, 1, 2900-2908.	1.5	9
12	A simple quinazolinone-isophorone based colorimetric chemosensor for the reversible detection of copper (II) and its application in real samples. <i>Journal of Molecular Structure</i> , 2022, 1257, 132633.	3.6	6
13	A new approach for fluorescent tetrahydrobenzo[<i>f</i>]pyrimido[4,5- <i>b</i>]quinolines and indeno fused pyrido[2,3- <i>b</i>]pyrimidines. <i>Dyes and Pigments</i> , 2017, 147, 300-312.	3.7	5
14	Fluorescent chemosensors for Hg ²⁺ ions based on a pyridine-attached phenanthridine probe. <i>New Journal of Chemistry</i> , 2021, 45, 17667-17673.	2.8	5
15	Phenanthridine based fluorescent probe for Th ⁴⁺ ion chemosensor. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, , 113952.	3.9	2