

# Gopal Balamurugan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11121558/publications.pdf>

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14  
papers

261  
citations

1163117

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1058476

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docs citations

14  
times ranked

292  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of counter ions on electrochromic behaviors of asymmetrically substituted viologens. <i>Solar Energy Materials and Solar Cells</i> , 2019, 197, 25-31.	6.2	40
2	New phenazine based AIE probes for selective detection of aluminium( $\text{Al}^{3+}$ ) ions in presence of other trivalent metal ions in living cells. <i>Analyst</i> , The, 2017, 142, 4721-4726.	3.5	39
3	Iron Phthalocyanine Incorporated Metallo-Supramolecular Polymer for Superior Electrochromic Performance with High Coloration Efficiency and Switching Stability. <i>ACS Applied Energy Materials</i> , 2019, 2, 8416-8424.	5.1	35
4	Novel chromogenic selective sensors for aqueous cyanide ions under high water content and real sample analysis. <i>Analytical Methods</i> , 2016, 8, 1705-1710.	2.7	32
5	Enhanced electrochromic properties of terpyridine-attached asymmetric viologen with high transmittance and switching stability. <i>Solar Energy Materials and Solar Cells</i> , 2020, 216, 110714.	6.2	29
6	Novel ratiometric turn-on fluorescent probe for selective sensing of cyanide ions, effect of substitution and bio-imaging studies. <i>RSC Advances</i> , 2016, 6, 24229-24235.	3.6	24
7	A triple action chemosensor for $\text{Cu}^{2+}$ by chromogenic, $\text{Cr}^{3+}$ by fluorogenic and $\text{CN}^{-}$ by relay recognition methods with bio-imaging of HeLa cells. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1441-1448.	2.9	22
8	Metallo-terpyridine modified asymmetric viologen exhibiting remarkable optical memory effect in single-layered electrochromic devices. <i>Electrochimica Acta</i> , 2021, 382, 138308.	5.2	9
9	Ratiometric photothermal detection of silver ions using diimmonium salts. <i>Talanta</i> , 2022, 242, 123296.	5.5	9
10	Nanomolar detection of sulfide ions using halo-substituted subphthalocyanines via anion- $\pi$ non-covalent interaction. <i>Sensors and Actuators B: Chemical</i> , 2020, 324, 128746.	7.8	7
11	Near-infrared absorption and photothermal properties of heptamethine pyrylium dyes with bistriflimide anion. <i>Dyes and Pigments</i> , 2022, 203, 110321.	3.7	6
12	Ninhydrin-Based Chemosensor for the Selective Detection and Scavenging of Mercury(II) Ions in Aqueous Solution. <i>ChemistrySelect</i> , 2017, 2, 10946-10950.	1.5	4
13	Enhanced solution processing and optical properties of perhalogenated zinc-phthalocyanines via anion- $\pi$ bonding. <i>Dyes and Pigments</i> , 2022, 201, 110199.	3.7	3
14	Fully spray-coated electrochromic devices containing octa-viologen substituted polyhedral oligomeric silsesquioxane. <i>Thin Solid Films</i> , 2022, 743, 139067.	1.8	2