

# Naveen Kumar Sompalli

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

108  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

107  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probe decorated porous silica and polymer monoliths as solid-state optical sensors and preconcentrators for the selective and fast recognition of ultra-trace arsenic ions. <i>Journal of Hazardous Materials</i> , 2022, 421, 126828.	12.4	9
2	ZrO <sub>2</sub> @Ag <sub>2</sub> O nanocomposites encrusted porous polymer monoliths as high-performance visible light photocatalysts for the fast degradation of pharmaceutical pollutants. <i>Photochemical and Photobiological Sciences</i> , 2022, , 1.	2.9	2
3	Heterojunction Cr <sub>2</sub> O <sub>3</sub> -Ag <sub>2</sub> O nanocomposite decorated porous polymer monoliths a new class of visible light fast responsive heterogeneous photocatalysts for pollutant clean-up. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104846.	6.7	14
4	Chromatographic Separation of Fluoroquinolone Drugs and Drug Degradation Profile Monitoring through Quality-by-Design Concept. <i>Journal of Chromatographic Science</i> , 2021, 59, 55-63.	1.4	3
5	Visible-light harvesting innovative W <sub>6</sub> /Yb <sub>3</sub> /TiO <sub>2</sub> materials as a green methodology photocatalyst for the photodegradation of pharmaceutical pollutants. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 401-420.	2.9	5
6	Fabrication of target specific solid-state optical sensors using chromoionophoric probe@integrated porous monolithic polymer and silica templates for cobalt ions. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 3177-3191.	3.7	8
7	Mesoporous monolith designs of mixed phased titania codoped Sm <sup>3+</sup> /Er <sup>3+</sup> composites: A super responsive visible light photocatalysts for organic pollutant clean-up. <i>Applied Surface Science</i> , 2020, 504, 144350.	6.1	15
8	Solid-state ion recognition strategy using 2D hexagonal mesophase silica monolithic platform: a smart two-in-one approach for rapid and selective sensing of Cd <sup>2+</sup> and Hg <sup>2+</sup> ions. <i>Mikrochimica Acta</i> , 2020, 187, 403.	5.0	7
9	Structurally designed porous polymer monoliths as probe-anchoring templates as benign and fast responsive solid-state optical sensors for the sensing and recovery of copper ions. <i>Nanotechnology</i> , 2020, 31, 414004.	2.6	13
10	Solid-state optical sensing of ultra-trace Hg <sup>2+</sup> ions using chromoionophoric probe anchored silica monolithic architectures. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128558.	7.8	11
11	Tailor-made porous polymer and silica monolithic designs as probe anchoring templates for the solid-state naked eye sensing and preconcentration of hexavalent chromium. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126896.	7.8	21