Naveen Kumar Sompalli

List of Publications by Year
in descending order

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11	108	1307594 7	1281871 11
papers	citations	h-index	g-index

11	11	11	107
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tailor-made porous polymer and silica monolithic designs as probe anchoring templates for the solid-state naked eye sensing and preconcentration of hexavalent chromium. Sensors and Actuators B: Chemical, 2019, 298, 126896.	7.8	21
2	Mesoporous monolith designs of mixed phased titania codoped Sm3+/Er3+ composites: A super responsive visible light photocatalysts for organic pollutant clean-up. Applied Surface Science, 2020, 504, 144350.	6.1	15
3	Heterojunction Cr2O3-Ag2O nanocomposite decorated porous polymer monoliths a new class of visible light fast responsive heterogeneous photocatalysts for pollutant clean-up. Journal of Environmental Chemical Engineering, 2021, 9, 104846.	6.7	14
4	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. Nanotechnology, 2020, 31, 414004.	2.6	13
5	Solid-state optical sensing of ultra-trace Hg2+ ions using chromoionophoric probe anchored silica monolithic architectures. Sensors and Actuators B: Chemical, 2020, 321, 128558.	7.8	11
6	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. Journal of Hazardous Materials, 2022, 421, 126828.	12.4	9
7	Fabrication of target specific solid-state optical sensors using chromoionophoric probeâ€“integrated porous monolithic polymer and silica templates for cobalt ions. Analytical and Bioanalytical Chemistry, 2021, 413, 3177-3191.	3.7	8
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 Cd2+ and Hg2+ ions. Mikrochimica Acta, 2020, 187, 403.	5.0	7
9	Visible-light harvesting innovative W6+/Yb3+/TiO2 materials as a green methodology photocatalyst for the photodegradation of pharmaceutical pollutants. Photochemical and Photobiological Sciences, 2021, 20, 401-420.	2.9	5
10	Chromatographic Separation of Fluoroquinolone Drugs and Drug Degradation Profile Monitoring through Quality-by-Design Concept. Journal of Chromatographic Science, 2021, 59, 55-63.	1.4	3
11	ZrO2â€“Ag2O nanocomposites encrusted porous polymer monoliths as high-performance visible light photocatalysts for the fast degradation of pharmaceutical pollutants. Photochemical and Photobiological Sciences, 2022, , 1.	2.9	2