

# Sada Venkateswarlu

## List of Publications by Year in descending order

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15  
papers

799  
citations

687363

13  
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996975

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15  
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15  
docs citations

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times ranked

1266  
citing authors

#	ARTICLE	IF	CITATIONS
1	An environmentally benign synthesis of Fe <sub>3</sub> O <sub>4</sub> nanoparticles to Fe <sub>3</sub> O <sub>4</sub> nanoclusters: Rapid separation and removal of Hg(II) from an aqueous medium. <i>Chemosphere</i> , 2022, 286, 131673.	8.2	27
2	Chemical-free sustainable carbon nano-onion as a dual-mode sensor platform for noxious volatile organic compounds. <i>Applied Surface Science</i> , 2021, 537, 147872.	6.1	20
3	Fe <sub>3</sub> O <sub>4</sub> nano assembly embedded in 2D-crumpled porous carbon sheets for high energy density supercapacitor. <i>Chemical Engineering Journal</i> , 2021, 420, 127584.	12.7	34
4	Well-Designed Au Nanorod-Doped Cu <sub>2</sub> O Core-Shell Nanocube-Embedded Reduced Graphene Oxide Composite for Efficient Removal of a Water Pollutant Dye. <i>ACS Omega</i> , 2020, 5, 24799-24810.	3.5	15
5	Reversible Fluorescence Switching of Metal-Organic Framework Nanoparticles for Use as Security Ink and Detection of Pb <sup>2+</sup> Ions in Aqueous Media. <i>ACS Applied Nano Materials</i> , 2020, 3, 3684-3692.	5.0	45
6	Highly durable covalent organic framework for the simultaneous ultrasensitive detection and removal of noxious Hg <sup>2+</sup> . <i>Microporous and Mesoporous Materials</i> , 2020, 306, 110399.	4.4	31
7	Biosynthesized Highly Stable Au/C Nanodots: Ideal Probes for the Selective and Sensitive Detection of Hg <sup>2+</sup> Ions. <i>Nanomaterials</i> , 2019, 9, 245.	4.1	12
8	Phase Controlled Synthesis of Pt Doped Co Nanoparticle Composites Using a Metal-Organic Framework for Fischer-Tropsch Catalysis. <i>Catalysts</i> , 2019, 9, 156.	3.5	12
9	Fungus-derived photoluminescent carbon nanodots for ultrasensitive detection of Hg <sup>2+</sup> ions and photoinduced bactericidal activity. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 172-183.	7.8	90
10	Highly Sensitive Electrochemical Sensor for Anticancer Drug by a Zirconia Nanoparticle-Decorated Reduced Graphene Oxide Nanocomposite. <i>ACS Omega</i> , 2018, 3, 14597-14605.	3.5	68
11	Biopolymer-Coated Magnetite Nanoparticles and Metal-Organic Framework Ternary Composites for Cooperative Pb(II) Adsorption. <i>ACS Applied Nano Materials</i> , 2018, 1, 4198-4210.	5.0	36
12	Systematic study on preparation of copper nanoparticle embedded porous carbon by carbonization of metal-organic framework for enzymatic glucose sensor. <i>RSC Advances</i> , 2017, 7, 10592-10600.	3.6	48
13	Bioinspired 2D-Carbon Flakes and Fe <sub>3</sub> O <sub>4</sub> Nanoparticles Composite for Arsenite Removal. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 23876-23885.	8.0	138
14	Surfactant-free green synthesis of Fe <sub>3</sub> O <sub>4</sub> nanoparticles capped with 3,4-dihydroxyphenethylcarbamide dithioate: stable recyclable magnetic nanoparticles for the rapid and efficient removal of Hg(II) ions from water. <i>Dalton Transactions</i> , 2015, 44, 18427-18437.	3.3	79
15	Core-Shell Ferromagnetic Nanorod Based on Amine Polymer Composite (Fe <sub>3</sub> O <sub>4</sub> @DAPF) for Fast Removal of Pb(II) from Aqueous Solutions. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 25362-25372.	8.0	144