

Tapan Sarkar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5569667/publications.pdf>

Version: 2024-02-01

18
papers

459
citations

759233

12
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

802
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous removal of organic and inorganic pollutants from water by Ni/NiO/SnO ₂ nanoparticles. Environmental Science and Pollution Research, 2022, 29, 22093-22105.	5.3	3
2	Unique photoluminescence response of MoS ₂ quantum dots over a wide range of As (III) in aqueous media. Nanotechnology, 2021, 32, 345708.	2.6	5
3	Electrochemically functionalized single-walled carbon nanotubes for ultrasensitive detection of BTEX vapors. Microelectronic Engineering, 2021, 247, 111584.	2.4	3
4	L-cysteine functionalized graphene quantum dots for sub-ppb detection of As (III). Nanotechnology, 2021, 33, .	2.6	1
5	Core-shell type magnetic Ni/NiO nanoparticles as recyclable adsorbent for Pb (II) and Cd (II) ions: One-pot synthesis, adsorption performance, and mechanism. Journal of the Taiwan Institute of Chemical Engineers, 2020, 113, 223-230.	5.3	16
6	Calixarene-functionalized single-walled carbon nanotubes for sensitive detection of volatile amines. Sensors and Actuators B: Chemical, 2018, 268, 115-122.	7.8	20
7	Single-walled carbon nanotubes-calixarene hybrid for sub-ppm detection of NO ₂ . Microelectronic Engineering, 2018, 197, 28-32.	2.4	13
8	Single-walled Carbon Nanotube-Calixarene Based Chemiresistor for Volatile Organic Compounds. Electroanalysis, 2018, 30, 2077-2084.	2.9	16
9	Potassium Iodide-Functionalized Polyaniline Nanoribbon Film Chemiresistor for Ultrasensitive Ozone Gas Sensing. Polymers, 2017, 9, 80.	4.5	7
10	A miniature chemiresistor sensor for carbon dioxide. Analytica Chimica Acta, 2015, 874, 54-58.	5.4	43
11	Volatile Organic Compounds. Nanostructure Science and Technology, 2015, , 1023-1046.	0.1	1
12	Primary amine-functionalized polyaniline nanoribbon film sensor for detecting formaldehyde. Sensors and Actuators B: Chemical, 2014, 194, 255-259.	7.8	54
13	Single-Walled Carbon Nanotube-Poly(porphyrin) Hybrid for Volatile Organic Compounds Detection. Journal of Physical Chemistry C, 2014, 118, 1602-1610.	3.1	51
14	Nanoribbon Polyaniline Film for Highly Sensitive Chemiresistive Gas Sensing. Electroanalysis, 2013, 25, 1439-1445.	2.9	27
15	Carbon Nanotubes-Based Label-Free Affinity Sensors for Environmental Monitoring. Applied Biochemistry and Biotechnology, 2013, 170, 1011-1025.	2.9	21
16	Label-free chemiresistive biosensor for mercury (II) based on single-walled carbon nanotubes and structure-switching DNA. Applied Physics Letters, 2013, 102, 13701.	3.3	40
17	Porphyrin-Functionalized Single-Walled Carbon Nanotube Chemiresistive Sensor Arrays for VOCs. Journal of Physical Chemistry C, 2012, 116, 3845-3850.	3.1	125
18	Photo-induced charge transport in ZnS nanocrystals decorated single walled carbon nanotube field-effect transistor. Applied Physics Letters, 2011, 99, 173110.	3.3	13