

Arati G Kolhatkar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5125782/publications.pdf>

Version: 2024-02-01

9
papers

304
citations

1478505
6
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

618
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosensing Using Magnetic Particle Detection Techniques. <i>Sensors</i> , 2017, 17, 2300.	3.8	114
2	Multi-responsive hybrid particles: thermo-, pH-, photo-, and magneto-responsive magnetic hydrogel cores with gold nanorod optical triggers. <i>Nanoscale</i> , 2016, 8, 11851-11861.	5.6	51
3	Cubic Silica-Coated and Amine-Functionalized FeCo Nanoparticles with High Saturation Magnetization. <i>Chemistry of Materials</i> , 2013, 25, 1092-1097.	6.7	45
4	Bio-Traps Coupled with Molecular Biological Methods and Stable Isotope Probing Demonstrate the In Situ Biodegradation Potential of MTBE and TBA in Gasoline-Contaminated Aquifers. <i>Ground Water Monitoring and Remediation</i> , 2008, 28, 47-62.	0.8	42
5	Magnetic Sensing Potential of Fe ₃ O ₄ Nanocubes Exceeds That of Fe ₃ O ₄ Nanospheres. <i>ACS Omega</i> , 2017, 2, 8010-8019.	3.5	37
6	Conditioning of Cardiovascular Tissue Using a Noncontact Magnetic Stretch Bioreactor with Embedded Magnetic Nanoparticles. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1619-1629.	5.2	10
7	Enzymatic conversion of magnetic nanoparticles to a non-magnetic precipitate: a new approach to magnetic sensing. <i>Analyst</i> , 2016, 141, 5246-5251.	3.5	4
8	Vibrational response of clusters of Fe ₃ O ₄ nanoparticles patterned on glass surfaces investigated with magnetic sample modulation AFM. <i>Nanoscale</i> , 2018, 10, 20426-20434.	5.6	1
9	Near-infrared-responsive, superparamagnetic Au@Co nanochains. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1680-1687.	2.8	0