

# 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	Vibrational response of clusters of Fe <sub>3</sub> O <sub>4</sub> nanoparticles patterned on glass surfaces investigated with magnetic sample modulation AFM. <i>Nanoscale</i> , 2018, 10, 20426-20434.	5.6	1
2	Magnetic Sensing Potential of Fe <sub>3</sub> O <sub>4</sub> Nanocubes Exceeds That of Fe <sub>3</sub> O <sub>4</sub> Nanospheres. <i>ACS Omega</i> , 2017, 2, 8010-8019.	3.5	37
3	Near-infrared-responsive, superparamagnetic Au@Co nanochains. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1680-1687.	2.8	0
4	Biosensing Using Magnetic Particle Detection Techniques. <i>Sensors</i> , 2017, 17, 2300.	3.8	114
5	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
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	Cubic Silica-Coated and Amine-Functionalized FeCo Nanoparticles with High Saturation Magnetization. <i>Chemistry of Materials</i> , 2013, 25, 1092-1097.	6.7	45
9	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