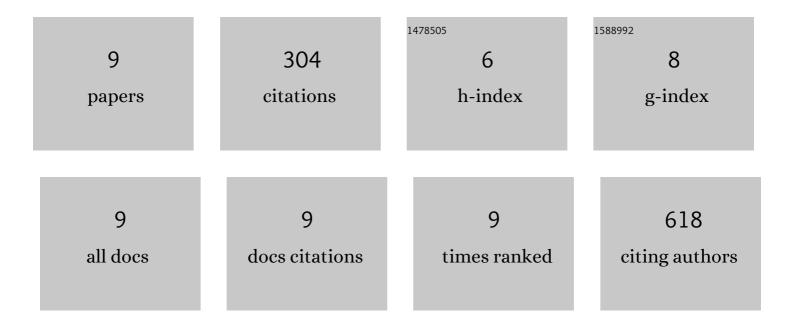
## Arati G Kolhatkar

List of Publications by Year in descending order

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Δρατι C. Κοι ματκάρ

#	Article	IF	CITATIONS
1	Vibrational response of clusters of Fe3O4 nanoparticles patterned on glass surfaces investigated with magnetic sample modulation AFM. Nanoscale, 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. ACS Omega, 2017, 2, 8010-8019.	3.5	37
3	Near-infrared-responsive, superparamagnetic Au@Co nanochains. Beilstein Journal of Nanotechnology, 2017, 8, 1680-1687.	2.8	0
4	Biosensing Using Magnetic Particle Detection Techniques. Sensors, 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. Nanoscale, 2016, 8, 11851-11861.	5.6	51
6	Conditioning of Cardiovascular Tissue Using a Noncontact Magnetic Stretch Bioreactor with Embedded Magnetic Nanoparticles. ACS Biomaterials Science and Engineering, 2016, 2, 1619-1629.	5.2	10
7	Enzymatic conversion of magnetic nanoparticles to a non-magnetic precipitate: a new approach to magnetic sensing. Analyst, The, 2016, 141, 5246-5251.	3.5	4
8	Cubic Silica-Coated and Amine-Functionalized FeCo Nanoparticles with High Saturation Magnetization. Chemistry of Materials, 2013, 25, 1092-1097.	6.7	45
9	Bioâ€Traps Coupled with Molecular Biological Methods and Stable Isotope Probing Demonstrate the In Situ Biodegradation Potential of MTBE and TBA in Gasolineâ€Contaminated Aquifers. Ground Water Monitoring and Remediation. 2008. 28. 47-62.	0.8	42