

# Baharak Mehrdel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8774633/publications.pdf>

Version: 2024-02-01

15  
papers

402  
citations

840776

11  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

340  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple rapid stabilization method through citric acid modification for magnetite nanoparticles. <i>Scientific Reports</i> , 2020, 10, 10793.	3.3	117
2	Synthesis and coating methods of biocompatible iron oxide/gold nanoparticle and nanocomposite for biomedical applications. <i>Chinese Journal of Physics</i> , 2020, 64, 305-325.	3.9	62
3	Mechanisms of effective gold shell on Fe <sub>3</sub> O <sub>4</sub> core nanoparticles formation using sonochemistry method. <i>Ultrasonics Sonochemistry</i> , 2020, 64, 104865.	8.2	45
4	Trastuzumab conjugated porphyrin-superparamagnetic iron oxide nanoparticle: A potential PTT-MRI bimodal agent for herceptin positive breast cancer. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101896.	2.6	37
5	Monodisperse Gold Nanoparticles: A Review on Synthesis and Their Application in Modern Medicine. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7400.	4.1	36
6	Sonochemical-assisted synthesis of highly stable gold nanoparticles catalyst for decoloration of methylene blue dye. <i>Inorganic Chemistry Communication</i> , 2021, 127, 108551.	3.9	21
7	Rapid sonochemically-assisted green synthesis of highly stable and biocompatible platinum nanoparticles. <i>Surfaces and Interfaces</i> , 2020, 20, 100635.	3.0	20
8	Identifying Metal Nanoparticle Size Effect on Sensing Common Human Plasma Protein by Counting the Sensitivity of Optical Absorption Spectra Damping. <i>Plasmonics</i> , 2020, 15, 123-133.	3.4	17
9	Effect of chemical interface damping and aggregation size of bare gold nanoparticles in NaCl on the plasmon resonance damping. <i>Optical Materials Express</i> , 2017, 7, 955.	3.0	15
10	Mycosynthesis of ultrasonically-assisted uniform cubic silver nanoparticles by isolated phenols from <i>Agaricus bisporus</i> and its antibacterial activity. <i>Surfaces and Interfaces</i> , 2022, 29, 101774.	3.0	13
11	Upconversion lanthanide nanomaterials: basics introduction, synthesis approaches, mechanism and application in photodetector and photovoltaic devices. <i>Nanotechnology</i> , 2022, 33, 082001.	2.6	11
12	The Sensitivity of Surface Plasmon Resonance Damping for Colloidal Silver Nanoparticles. <i>Journal of Physics: Conference Series</i> , 2018, 1083, 012042.	0.4	4
13	Resonance position and extinction efficiency of a single silica coated gold nanoshell when size effects of core is matter. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	3
14	Dependency of plasmon resonance sensitivity of colloidal gold nanoparticles on the identity of surrounding ionic media. <i>Materials Research Express</i> , 2018, 5, 035011.	1.6	1
15	Hydrogen bond sensing ability of CdSe/ZnS colloidal quantum dots in ionic medium. <i>Materials Research Express</i> , 2019, 6, 015016.	1.6	0