

Alireza Meidanchi

List of Publications by Year in descending order

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15
papers

819
citations

687220

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docs citations

15
times ranked

1227
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of Polycarbonate-ZnO Nanocomposite Films: Surface Investigation after UV Irradiation. <i>Molecules</i> , 2022, 27, 4448.	1.7	6
2	Copper Spinel Ferrite Superparamagnetic Nanoparticles as a Novel Radiotherapy Enhancer Effect in Cancer Treatment. <i>Journal of Cluster Science</i> , 2021, 32, 657-663.	1.7	20
3	Structural and optical properties of Fe ₃ O ₄ @Au/rGO nanocomposites synthesized by hydrothermal method and their photothermal effect under NIR laser irradiation. <i>Materials Chemistry and Physics</i> , 2021, 258, 123956.	2.0	10
4	Fe ₃ O ₄ @Au/reduced graphene oxide nanostructures: Combinatorial effects of radiotherapy and photothermal therapy on oral squamous carcinoma KB cell line. <i>Ceramics International</i> , 2020, 46, 28676-28685.	2.3	33
5	Mg _(1-x) Cu _x Fe ₂ O ₄ superparamagnetic nanoparticles as nano-radiosensitizer agents in radiotherapy of MCF-7 human breast cancer cells. <i>Nanotechnology</i> , 2020, 31, 325706.	1.3	23
6	Preparation, characterization and in vitro evaluation of magnesium ferrite superparamagnetic nanoparticles as a novel radiosensitizer of breast cancer cells. <i>Ceramics International</i> , 2020, 46, 17577-17583.	2.3	36
7	Cobalt ferrite nanoparticles supported on reduced graphene oxide sheets: optical, magnetic and magneto-antibacterial studies. <i>Nanotechnology</i> , 2020, 31, 445704.	1.3	23
8	Structural, optical and dielectric studies of Ag nanoparticles decorated by herceptin. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2019, 114, 113562.	1.3	23
9	Synthesis and characterization of high purity Ta ₂ O ₅ nanoparticles by laser ablation and its antibacterial properties. <i>Optics and Laser Technology</i> , 2019, 111, 89-94.	2.2	35
10	Growth of Boron Carbide Nanostructures on Silicon Using Hot Filament Chemical Vapour Deposition. <i>Journal of Chemical Research</i> , 2018, 42, 73-76.	0.6	19
11	Removal of heavy metal (Hg(II) and Cr(VI)) ions from aqueous solutions using Fe ₂ O ₃ @SiO ₂ thin films as a novel adsorbent. <i>Chemical Engineering Research and Design</i> , 2018, 120, 348-357.	2.7	108
12	ZnFe ₂ O ₄ nanoparticles as radiosensitizers in radiotherapy of human prostate cancer cells. <i>Materials Science and Engineering C</i> , 2015, 46, 394-399.	3.8	97
13	Superparamagnetic zinc ferrite spinel-graphene nanostructures for fast wastewater purification. <i>Carbon</i> , 2014, 69, 230-238.	5.4	208
14	Zinc ferrite spinel-graphene in magneto-photothermal therapy of cancer. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3306.	2.9	128
15	Hyperthermia-induced protein corona improves the therapeutic effects of zinc ferrite spinel-graphene sheets against cancer. <i>RSC Advances</i> , 2014, 4, 62557-62565.	1.7	50