

Mohammad Jafar Molaee

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,221
citations

1039406

9
h-index

1199166

12
g-index

15
all docs

15
docs citations

15
times ranked

1498
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on nanostructured carbon quantum dots and their applications in biotechnology, sensors, and chemiluminescence. <i>Talanta</i> , 2019, 196, 456-478.	2.9	336
2	Carbon quantum dots and their biomedical and therapeutic applications: a review. <i>RSC Advances</i> , 2019, 9, 6460-6481.	1.7	314
3	Principles, mechanisms, and application of carbon quantum dots in sensors: a review. <i>Analytical Methods</i> , 2020, 12, 1266-1287.	1.3	287
4	The optical properties and solar energy conversion applications of carbon quantum dots: A review. <i>Solar Energy</i> , 2020, 196, 549-566.	2.9	149
5	A Comprehensive Review on Recent Advances in Two-Dimensional (2D) Hexagonal Boron Nitride. <i>ACS Applied Electronic Materials</i> , 2021, 3, 5165-5187.	2.0	42
6	Two-dimensional (2D) materials beyond graphene in cancer drug delivery, photothermal and photodynamic therapy, recent advances and challenges ahead: A review. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 101830.	1.4	39
7	Magnetic graphene, synthesis, and applications: A review. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 272, 115325.	1.7	19
8	In Vitro Study: Synthesis and Evaluation of Fe ₃ O ₄ /CQD Magnetic/Fluorescent Nanocomposites for Targeted Drug Delivery, MRI, and Cancer Cell Labeling Applications. <i>Langmuir</i> , 2022, 38, 3804-3816.	1.6	16
9	Magneto-fluorescent superparamagnetic Fe ₃ O ₄ @SiO ₂ @alginate/carbon quantum dots nanohybrid for drug delivery. <i>Materials Chemistry and Physics</i> , 2022, 288, 126361.	2.0	10
10	Effects of Dextran-Coated Superparamagnetic Iron Oxide Nanoparticles on Mouse Embryo Development, Antioxidant Enzymes and Apoptosis Genes Expression, and Ultrastructure of Sperm, Oocytes and Granulosa Cells. <i>International Journal of Fertility & Sterility</i> , 2020, 14, 161-170.	0.2	6
11	Magnetic and photocatalytic properties of CoFe ₂ O ₄ /Ni nanocomposites. <i>Journal of Electroceramics</i> , 2022, 48, 51-66.	0.8	2
12	Microwave absorption properties of Zn-doped barium ferrite (BaFe _{12-x} Zn _x) ₂ . <i>Journal of Materials Research</i> , 2021, 112, 465-473.	0.1	1
13	Preparation and in-vitro evaluation of ¹²⁵ I-CD/HA nanocomposite as a potential carrier for hydrophobic drugs. <i>Journal of Biomaterials Applications</i> , 2021, 36, 246-251.	1.2	0
14	Increased coercivity in recalcined barium ferrite-magnetite nanocomposites. <i>International Journal of Materials Research</i> , 2021, 112, 384-390.	0.1	0
15	A potential trackable bone filler: Preparation and characterization. <i>International Journal of Applied Ceramic Technology</i> , 2021, 18, 1921.	1.1	0