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List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39 papers	496 citations	12 h-index	20 g-index
42 ext. papers	613 ext. citations	3.4 avg, IF	4.2 L-index

#	Paper	IF	Citations
39	Synthesis of Tellurium Oxide (TeO) Nanorods and Nanoflakes and Evaluation of Its Efficacy Against Leishmania major In Vitro and In Vivo. *Acta Parasitologica*, **2021**, 1	1.7	0
38	Optical and magnetic properties of iron-enriched Fe/FexOy@Au magnetoplasmonic nanostructures. *Applied Nanoscience (Switzerland)*, **2020**, 10, 1083-1094	3.3	6
37	Porous versus Dense - Effect of Silica Coating on Contrast Enhancement of Iron Carbide Nanoparticles in T2-Weighted Magnetic Resonance Imaging. *ChemistrySelect*, **2020**, 5, 1135-1139	1.8	1
36	Preparation of Bio-Inspired Melanin Nanoplatforms Chelated with Manganese Ions as a Potential T1 MRI Contrast Agent. *ChemistrySelect*, **2019**, 4, 5860-5865	1.8	2
35	A new formulation of graphene oxide/fluconazole compound as a promising agent against Candida albicans. *Progress in Biomaterials*, **2019**, 8, 43-50	4.4	7
34	Efficacy of manganese oxide (MnO) nanoparticles against Leishmania major in vitro and in vivo. *Journal of Trace Elements in Medicine and Biology*, **2019**, 56, 162-168	4.1	11
33	Antifungal effects of indolicidin-conjugated gold nanoparticles against fluconazole-resistant strains of isolated from patients with burn infection. *International Journal of Nanomedicine*, **2019**, 14, 5323-5338	7.3	28
32	A study on the Concentration-dependent Relaxometric Transition in Manganese Oxide Nanocolloid as MRI Contrast Agent. *ChemistrySelect*, **2019**, 4, 7596-7601	1.8	4
31	Formation mechanisms, structural and optical properties of Bi/Bi2O3 One dimensional nanostructures prepared via oriented aggregation of bismuth based nanoparticles synthesized by DC arc discharge in water. *Materials Science in Semiconductor Processing*, **2019**, 89, 51-58	4.3	6
30	Toxicity, morphological and structural properties of chitosan-coated Bi2O3Bi(OH)3 nanoparticles prepared via DC arc discharge in liquid: a potential nanoparticle-based CT contrast agent. *Micro and Nano Letters*, **2019**, 14, 239-244	0.9	3
29	Green synthesis of silver nanoparticles using and extracts: characterisation, cell cytotoxicity, and its antifungal activity against in comparison to fluconazole. *IET Nanobiotechnology*, **2019**, 13, 114-119	2	8
28	In situ PEGylation of Bi nanoparticles prepared via pulsed Nd:YAG laser ablation in low molecular weight PEG: a potential X-ray CT imaging contrast agent. *Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization*, **2019**, 7, 420-427	0.9	3
27	Rapid microwave-assisted synthesis of Bi2Te3 nanoflakes as an efficient contrast agent for X-ray computed tomography. *Ceramics International*, **2018**, 44, 9679-9683	5.1	5
26	Can earthworms biosynthesize highly luminescent quantum dots?. *Luminescence*, **2018**, 33, 850-854	2.5	2
25	Optical and structural properties of oxidation resistant colloidal bismuth/gold nanocomposite: An efficient nanoparticles based contrast agent for X-ray computed tomography. *Journal of Molecular Liquids*, **2018**, 254, 12-19	6	10
24	Optical and structural properties of carbon dots/TiO2 nanostructures prepared via DC arc discharge in liquid **2018**,		7
23	Optical and structural properties of Bi-based nanoparticles prepared via pulsed Nd:YAG laser ablation in organic liquids. *Applied Physics A: Materials Science and Processing*, **2018**, 124, 1	2.6	11

22	Formation, gradual oxidation mechanism and tunable optical properties of Bi/Bi 2 O 3 nanoparticles prepared by Nd:YAG laser ablation in liquid: Dissolved oxygen as genesis of tractable oxidation. *Materials Research Bulletin*, **2018**, 97, 421-427	5.1	16
21	Biodistribution, pharmacokinetics, and toxicity of dendrimer-coated iron oxide nanoparticles in BALB/c mice. *International Journal of Nanomedicine*, **2018**, 13, 1483-1493	7.3	36
20	Synthesis of Fe5C2@SiO2 core@shell nanoparticles as a potential candidate for biomedical application. *Materials Research Express*, **2018**, 5, 055038	1.7	11
19	Preparation of Naturally Active Melanin Nano-Platforms Chelated with Barium Ions as a Potential X-Ray-Computed Tomography Contrast Agent. *ChemistrySelect*, **2018**, 3, 11098-11102	1.8	3
18	Magnetic hyperthermia of breast cancer cells and MRI relaxometry with dendrimer-coated iron-oxide nanoparticles. *Cancer Nanotechnology*, **2018**, 9, 7	7.9	24
17	Synthesis of magnetite (Fe3O4)Avastin nanocomposite as a potential drug for AMD treatment. *Micro and Nano Letters*, **2018**, 13, 1141-1145	0.9	1
16	Chitosan coated tungsten trioxide nanoparticles as a contrast agent for X-ray computed tomography. *International Journal of Biological Macromolecules*, **2017**, 98, 479-485	7.9	25
15	In-situ study of mass and current density for electrophoretic deposition of zinc oxide nanoparticles. *Ceramics International*, **2016**, 42, 6906-6913	5.1	17
14	Development of Gold-Coated Magnetic Nanoparticles as a Potential MRI Contrast Agent. *Nano*, **2015**, 10, 1550048	1.1	27
13	Optical Properties and Colloidal Stability Mechanism of Bismuth Nanoparticles Prepared by Q-switched Nd:Yag Laser Ablation in Liquid **2015**, 11, 679-683		15
12	Rapid microwave-assisted synthesis of PVP-coated ultrasmall gadolinium oxide nanoparticles for magnetic resonance imaging. *Chemical Physics*, **2015**, 453-454, 35-41	2.3	25
11	Magnetic domain regime-controlled synthesis of nickel nano-particles by applying statistical experimental design in modified polyol process. *Materials Chemistry and Physics*, **2015**, 168, 117-121	4.4	4
10	Microwave-assisted Synthesis of Zinc Oxide Nanoparticles **2015**, 11, 320-325		90
9	Structural and Optical Properties of Pure Iron and Iron Oxide Nanoparticles Prepared via Pulsed Nd:YAG Laser Ablation in Liquid **2015**, 11, 722-726		21
8	The Effect of Dissolved Oxygen in Arc Medium on Crystal Structure and Optical Properties of Iron Based Nanoparticles Prepared via Dc Arc Discharge in Water **2015**, 11, 695-699		4
7	Modeling of self-controlling hyperthermia based on nickel alloy ferrofluids: Proposition of new nanoparticles. *Journal of Magnetism and Magnetic Materials*, **2013**, 335, 59-63	2.8	11
6	A simple model for the size and shape dependent Curie temperature of freestanding Ni and Fe nanoparticles based on the average coordination number and atomic cohesive energy. *Chemical Physics*, **2011**, 383, 1-5	2.3	13
5	Melting Enthalpy and Entropy of Freestanding Metallic Nanoparticles Based on Cohesive Energy and Average Coordination Number. *Journal of Physical Chemistry C*, **2011**, 115, 17310-17313	3.8	10

4	Effects of particle size, shape and crystal structure on the formation energy of Schottky vacancies in free-standing metal nanoparticles: A model study. *Physica B: Condensed Matter*, **2011**, 406, 3777-3780	2.8	12
3	SILICON CARBIDE NANOWIRES FROM POLYVINYL ALCOHOL/SILICA ELECTROSPUN NANOFIBERS. *Nano*, **2011**, 06, 41-45	1.1	6
2	Analytical model based on cohesive energy to indicate the edge and corner effects on melting temperature of metallic nanoparticles. *Chemical Physics*, **2010**, 378, 14-18	2.3	11
1	A comparative study of the effects of phase composition on optical properties and photocatalytic activity of Ø/E/EBi2O3 multi-heterojunction prepared by submerged DC electrical arc discharge. *Materials Technology*,1-19	2.1	0