

Dorota K Flak

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

476
citations

759233

12
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

825
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ ambient pressure XPS observation of surface chemistry and electronic structure of $\hat{\pm}$ -Fe ₂ O ₃ and $\hat{\text{I}}^3$ -Fe ₂ O ₃ nanoparticles. Applied Surface Science, 2018, 455, 1019-1028.	6.1	126
2	<p>AT101-Loaded Cubosomes as an Alternative for Improved Glioblastoma Therapy</p>. International Journal of Nanomedicine, 2020, Volume 15, 7415-7431.	6.7	44
3	Spectroscopic assessment of the role of hydrogen in surface defects, in the electronic structure and transport properties of TiO ₂ , ZnO and SnO ₂ nanoparticles. Physical Chemistry Chemical Physics, 2013, 15, 1417-1430.	2.8	40
4	Hybrid ZnPc@TiO ₂ nanostructures for targeted photodynamic therapy, bioimaging and doxorubicin delivery. Materials Science and Engineering C, 2017, 78, 1072-1085.	7.3	37
5	Effect of Nb doping on structural, optical and photocatalytic properties of flame-made TiO ₂ nanopowder. Environmental Science and Pollution Research, 2012, 19, 3696-3708.	5.3	36
6	The influence of magnetic nanoparticle concentration with dextran polymers in agar gel on heating efficiency in magnetic hyperthermia. Journal of Molecular Liquids, 2020, 304, 112734.	4.9	29
7	Tuning the photodynamic efficiency of TiO ₂ nanotubes against HeLa cancer cells by Fe-doping. RSC Advances, 2015, 5, 85139-85152.	3.6	28
8	GQDs-MSNs nanocomposite nanoparticles for simultaneous intracellular drug delivery and fluorescent imaging. Journal of Nanoparticle Research, 2018, 20, 306.	1.9	25
9	Iron Resonant Photoemission Spectroscopy on Anodized Hematite Points to Electron Hole Doping during Anodization. ChemPhysChem, 2012, 13, 2937-2944.	2.1	19
10	Silver and ultrasmall iron oxides nanoparticles in hydrocolloids: effect of magnetic field and temperature on self-organization. Scientific Reports, 2018, 8, 4041.	3.3	19
11	Electronic Structure and Surface Properties of Non-Stoichiometric Fe ₂ O ₃ - $\hat{\text{I}}$ ($\hat{\pm}$ and $\hat{\text{I}}^3$) and Its Application in Gas Sensing. Procedia Engineering, 2012, 47, 257-260.	1.2	17
12	Effect of the titania substitution on the electronic structure and transport properties of FSS-made Fe ₂ O ₃ nanoparticles for hydrogen sensing. Sensors and Actuators B: Chemical, 2013, 187, 347-355.	7.8	17
13	Fluorescein ether-ester dyes for labeling of fluorinated methacrylate nanoparticles. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 382, 111956.	3.9	9
14	Organic-Inorganic Hybrid Nanoparticles Synthesized with <i>Hypericum perforatum</i> Extract: Potential Agents for Photodynamic Therapy at Ultra-low Power Light. ACS Sustainable Chemistry and Engineering, 2021, 9, 1625-1645.	6.7	9
15	EPR Oximetry Sensor—Developing a TAM Derivative for In Vivo Studies. Cell Biochemistry and Biophysics, 2018, 76, 19-28.	1.8	8
16	Comprehensive and comparative studies on nanocytotoxicity of glyceryl monooleate- and phytantriol-based lipid liquid crystalline nanoparticles. Journal of Nanobiotechnology, 2021, 19, 168.	9.1	7
17	Differences in Electrophysical and Gas Sensing Properties of Flame Spray Synthesized Fe ₂ O ₃ ($\hat{\text{I}}^3$ -Fe ₂ O ₃ and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102 Td 6401-6411.	0.9	6