

Tanja Jurkin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6689512/publications.pdf>

Version: 2024-02-01

22
papers

368
citations

932766

10
h-index

794141

19
g-index

22
all docs

22
docs citations

22
times ranked

570
citing authors

#	ARTICLE	IF	CITATIONS
1	FTIR assessment of poly(ethylene oxide) irradiated in solid state, melt and aqueous solution. Radiation Physics and Chemistry, 2012, 81, 1426-1429.	1.4	87
2	The synthesis of gold nanoparticles by a citrate-radiolytical method. Radiation Physics and Chemistry, 2015, 106, 77-82.	1.4	61
3	Gamma-irradiation synthesis of iron oxide nanoparticles in the presence of PEO, PVP or CTAB. Radiation Physics and Chemistry, 2016, 124, 75-83.	1.4	35
4	Poly(ethylene oxide) irradiated in the solid state, melt and aqueous solution – a DSC and WAXD study. Radiation Physics and Chemistry, 2012, 81, 1303-1308.	1.4	31
5	Synthesis route to $\hat{\gamma}$ -FeOOH nanodiscs. Materials Letters, 2016, 173, 55-59.	1.3	29
6	Bone Tissue Engineering in a Perfusion Bioreactor Using Dexamethasone-Loaded Peptide Hydrogel. Materials, 2019, 12, 919.	1.3	27
7	Irradiation effects in poly(ethylene oxide)/silica nanocomposite films and gels. Polymer Engineering and Science, 2013, 53, 2318-2327.	1.5	14
8	Synthesis of gold nanoparticles under highly oxidizing conditions. Gold Bulletin, 2016, 49, 21-33.	1.1	12
9	Investigation of solid phase upon $\hat{\gamma}$ -irradiation of ferrihydrite-ethanol suspension. Radiation Physics and Chemistry, 2011, 80, 792-798.	1.4	10
10	Syntheses of gold nanoparticles and their impact on the cell cycle in breast cancer cells subjected to megavoltage X-ray irradiation. Materials Science and Engineering C, 2018, 91, 486-495.	3.8	10
11	The impact of dextran sulfate on the radiolytic synthesis of magnetic iron oxide nanoparticles. Journal of Molecular Structure, 2019, 1183, 126-136.	1.8	10
12	Crystallization of $\hat{\gamma}$ -irradiated poly(ethylene oxide). Radiation Physics and Chemistry, 2007, 76, 1318-1323.	1.4	6
13	Characterization of radiolytically synthesized ferrihydrite and oxidized magnetite nanoparticles. Materials Characterization, 2020, 159, 110038.	1.9	6
14	$\hat{\gamma}$ -irradiation generated ferrous ions affect the formation of magnetite and ferrihydrite. Radiation Physics and Chemistry, 2020, 170, 108648.	1.4	6
15	One-step synthesis of poly(ethylene oxide)/gold nanocomposite hydrogels and suspensions using gamma-irradiation. Radiation Physics and Chemistry, 2020, 170, 108657.	1.4	5
16	Synthesis and In Vitro Characterization of Ascorbyl Palmitate-Loaded Solid Lipid Nanoparticles. Polymers, 2022, 14, 1751.	2.0	5
17	Impact of Fe(III) ions on the structural and optical properties of anatase-type solid solutions. Journal of Molecular Structure, 2019, 1179, 354-365.	1.8	4
18	Rheological, Microstructural and Thermal Properties of Magnetic Poly(Ethylene Oxide)/Iron Oxide Nanocomposite Hydrogels Synthesized Using a One-Step Gamma-Irradiation Method. Nanomaterials, 2020, 10, 1823.	1.9	3

#	ARTICLE	IF	CITATIONS
19	Synthesis of porous silicon based nanoparticles for applications in surface enhanced Raman spectroscopy. <i>Vacuum</i> , 2021, 191, 110335.	1.6	2
20	Structural Properties of Iron/Titanium Oxide Nanoparticles Synthesized by Sol-gel Method in the Presence of Poly(ethylene glycol). <i>Croatia Chemica Acta</i> , 2018, 91, .	0.1	2
21	Solid-State Dispersions of Platinum in the SnO ₂ and Fe ₂ O ₃ Nanomaterials. <i>Nanomaterials</i> , 2021, 11, 3349.	1.9	2
22	Radiation and postirradiation crosslinking and structure of two unsaturated polyester resins. <i>Polymer Engineering and Science</i> , 2008, 48, 1768-1777.	1.5	1