

Aleksandra N Radosavljevic

List of Publications by Year in Descending Order

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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.

16
papers

207
citations

8
h-index

14
g-index

16
ext. papers

234
ext. citations

2.5
avg, IF

2.42
L-index

#	Paper	IF	Citations
16	Improvement of antibacterial activity of Ag-poly(vinyl-alcohol)/chitosan hydrogel by optimizing the procedure of radiolytic synthesis. <i>Radiation Physics and Chemistry</i> , 2022 , 194, 110045	2.5	
15	Nanocomposite Hydrogels Obtained by Gamma Irradiation. <i>Polymers and Polymeric Composites</i> , 2019 , 601-623	0.6	2
14	Nanocomposite Hydrogels Obtained by Gamma Irradiation. <i>Polymers and Polymeric Composites</i> , 2018 , 1-23	0.6	
13	Structural characteristics and bonding environment of Ag nanoparticles synthesized by gamma irradiation within thermo-responsive poly(N-isopropylacrylamide) hydrogel. <i>Polymer Composites</i> , 2017 , 38, 1014-1026	3	6
12	The role of low light intensity: A cheap, stable, and solidly efficient amorphous Sb2S3 powder/hypericin composite/PVA matrix loaded with electrolyte solar cell. <i>Environmental Progress and Sustainable Energy</i> , 2017 , 36, 1507-1516	2.5	6
11	Gamma irradiation induced in situ synthesis of lead sulfide nanoparticles in poly(vinyl alcohol) hydrogel. <i>Radiation Physics and Chemistry</i> , 2017 , 130, 282-290	2.5	10
10	Dual responsive antibacterial Ag-poly(N-isopropylacrylamide/itaconic acid) hydrogel nanocomposites synthesized by gamma irradiation. <i>European Polymer Journal</i> , 2015 , 69, 168-185	5.2	31
9	Silver/poly(N-vinyl-2-pyrrolidone) hydrogel nanocomposites obtained by electrochemical synthesis of silver nanoparticles inside the polymer hydrogel aimed for biomedical applications. <i>Polymer Composites</i> , 2014 , 35, 217-226	3	12
8	Optical and structural properties of radiolytically in situ synthesized silver nanoparticles stabilized by chitosan/poly(vinyl alcohol) blends. <i>Radiation Physics and Chemistry</i> , 2014 , 96, 158-166	2.5	33
7	In vitro silver ion release kinetics from nanosilver/poly(vinyl alcohol) hydrogels synthesized by gamma irradiation. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	20
6	Physico-chemical characteristics of gamma irradiation crosslinked poly(vinyl alcohol)/magnetite ferrogel composite. <i>Hemijaska Industrija</i> , 2014 , 68, 743-753	0.6	8
5	Bioreactor validation and biocompatibility of Ag/poly(N-vinyl-2-pyrrolidone) hydrogel nanocomposites. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 105, 230-5	6	24
4	MALDI TOF and theoretical investigation of silver clusters obtained by gamma irradiation. <i>Vacuum</i> , 2013 , 89, 47-52	3.7	7
3	Structural and optical characteristics of silver/poly(N-vinyl-2-pyrrolidone) nanosystems synthesized by irradiation. <i>Radiation Physics and Chemistry</i> , 2012 , 81, 1720-1728	2.5	31
2	Characterization of poly(vinyl alcohol)/gold nanocomposites obtained by in situ gamma-irradiation method. <i>Journal of Applied Polymer Science</i> , 2012 , 125, 1244-1251	2.9	16
1	Silver/poly(N-vinyl-2-pyrrolidone) nanocomposites obtained by the electrochemical synthesis. <i>Hemijaska Industrija</i> , 2011 , 65, 687-696	0.6	1