

Aleksandra N Radosavljevic

List of Publications by Citations

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16
papers

207
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ext. citations

2.5
avg, IF

2.42
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 16 | 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 |
| 15 | 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 |
| 14 | 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 |
| 13 | 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 |
| 12 | 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 |
| 11 | 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 |
| 10 | 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 |
| 9 | 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 |
| 8 | Physico-chemical characteristics of gamma irradiation crosslinked poly(vinyl alcohol)/magnetite ferrogel composite. <i>Hemijska Industrija</i> , 2014 , 68, 743-753 | 0.6 | 8 |
| 7 | MALDI TOF and theoretical investigation of silver clusters obtained by gamma irradiation. <i>Vacuum</i> , 2013 , 89, 47-52 | 3.7 | 7 |
| 6 | 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 |
| 5 | The role of low light intensity: A cheap, stable, and solidly efficient amorphous Sb ₂ S ₃ powder/hypericin composite/PVA matrix loaded with electrolyte solar cell. <i>Environmental Progress and Sustainable Energy</i> , 2017 , 36, 1507-1516 | 2.5 | 6 |
| 4 | Nanocomposite Hydrogels Obtained by Gamma Irradiation. <i>Polymers and Polymeric Composites</i> , 2019 , 601-623 | 0.6 | 2 |
| 3 | Silver/poly(N-vinyl-2-pyrrolidone) nanocomposites obtained by the electrochemical synthesis. <i>Hemijska Industrija</i> , 2011 , 65, 687-696 | 0.6 | 1 |
| 2 | Nanocomposite Hydrogels Obtained by Gamma Irradiation. <i>Polymers and Polymeric Composites</i> , 2018 , 1-23 | 0.6 | |
| 1 | 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 | |