

Dorota Bielska

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

716
citations

687363

13
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

1321
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of curcumin with lipid monolayers and liposomal bilayers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 88, 231-239.	5.0	116
2	Curcumin-containing liposomes stabilized by thin layers of chitosan derivatives. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 109, 307-316.	5.0	111
3	Novel polymeric inhibitors of HCoV-NL63. <i>Antiviral Research</i> , 2013, 97, 112-121.	4.1	66
4	Self-organized thermo-responsive hydroxypropyl cellulose nanoparticles for curcumin delivery. <i>European Polymer Journal</i> , 2013, 49, 2485-2494.	5.4	38
5	Blood-compatible, stable micelles of sodium alginate – Curcumin bioconjugate for anti-cancer applications. <i>European Polymer Journal</i> , 2019, 113, 208-219.	5.4	38
6	Enhanced hyperthermic properties of biocompatible zinc ferrite nanoparticles with a charged polysaccharide coating. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2962-2973.	5.8	36
7	Hybrid photosensitizer based on halloysite nanotubes for phenol-based pesticide photodegradation. <i>Chemical Engineering Journal</i> , 2015, 262, 125-132.	12.7	32
8	Biocompatible and fluorescent superparamagnetic iron oxide nanoparticles with superior magnetic properties coated with charged polysaccharide derivatives. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 402-407.	5.0	32
9	Biorefinery Approach for Aerogels. <i>Polymers</i> , 2020, 12, 2779.	4.5	31
10	A Hybrid System for Magnetic Hyperthermia and Drug Delivery: SPION Functionalized by Curcumin Conjugate. <i>Materials</i> , 2018, 11, 2388.	2.9	30
11	One-Step Synthesis of Long Term Stable Superparamagnetic Colloid of Zinc Ferrite Nanorods in Water. <i>Materials</i> , 2019, 12, 1048.	2.9	28
12	Halloysite-alkaline phosphatase system – A potential bioactive component of scaffold for bone tissue engineering. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 1-8.	5.0	27
13	<p>Analysis of toxicity and anticancer activity of micelles of sodium alginate-curcumin</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7249-7262.	6.7	23
14	A thermosensitive carrageenan-based polymer: Synthesis, characterization and interactions with a cationic surfactant. <i>Carbohydrate Polymers</i> , 2013, 96, 211-217.	10.2	11
15	Alginate-hydroxypropylcellulose hydrogel microbeads for alkaline phosphatase encapsulation. <i>Journal of Microencapsulation</i> , 2014, 31, 68-76.	2.8	11
16	Nanohydrogels Based on Self-Assembly of Cationic Pullulan and Anionic Dextran Derivatives for Efficient Delivery of Piroxicam. <i>Pharmaceutics</i> , 2019, 11, 622.	4.5	10
17	Gradient of zinc content in core – shell zinc ferrite nanoparticles – precise study on composition and magnetic properties. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 23473-23484.	2.8	9
18	One-Step Preparation of Highly Stable Copper – Zinc Ferrite Nanoparticles in Water Suitable for MRI Thermometry. <i>Chemistry of Materials</i> , 2022, 34, 4001-4018.	6.7	9

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19	Homogeneous Embedding of Magnetic Nanoparticles into Polymer Brushes during Simultaneous Surface-Initiated Polymerization. <i>Nanomaterials</i> , 2019, 9, 456.	4.1	8
20	Modified Polysaccharides as Versatile Materials in Controlled Delivery of Antidegenerative Agents. <i>Current Pharmaceutical Design</i> , 2012, 18, 2518-2535.	1.9	7
21	Tailoring cellular microenvironments using scaffolds based on magnetically-responsive polymer brushes. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10172-10181.	5.8	7
22	Selective magnetometry of superparamagnetic iron oxide nanoparticles in liquids. <i>Nanoscale</i> , 2020, 12, 16420-16426.	5.6	7
23	Effect of Thermal Treatment at Inert Atmosphere on Structural and Magnetic Properties of Non-stoichiometric Zinc Ferrite Nanoparticles. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 1632-1648.	2.2	7
24	Coacervate Thermoresponsive Polysaccharide Nanoparticles as Delivery System for Piroxicam. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9664.	4.1	5
25	Hydroxypropylcellulose-graft-poly(N-isopropylacrylamide) " novel water-soluble copolymer with double thermoresponsivity. <i>Polimery</i> , 2013, 58, 696-702.	0.7	5
26	Chitosan-based nanocapsules of core-shell architecture. <i>Polimery</i> , 2017, 62, 509-515.	0.7	5
27	The effect of shell modification in iron oxide nanoparticles on electrical conductivity in polythiophene-based nanocomposites. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10453-10461.	5.5	4
28	Ion distribution in iron oxide, zinc and manganese ferrite nanoparticles studied by XPS combined with argon gas cluster ion beam sputtering. <i>Surfaces and Interfaces</i> , 2022, 30, 101865.	3.0	3