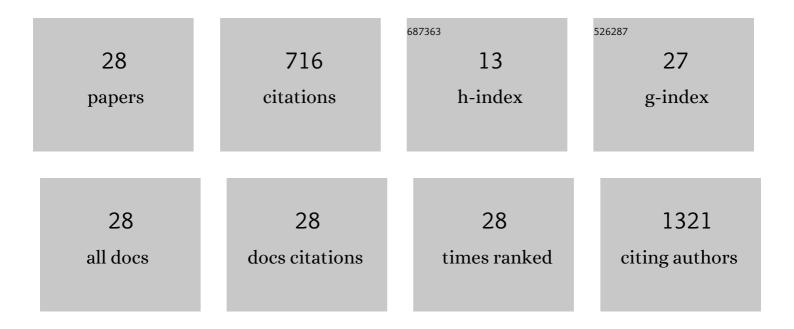
## Dorota Bielska

List of Publications by Year in descending order

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

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