

# Agnieszka Sobczak-Kupiec

## List of Publications by Year in descending order

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43  
papers

859  
citations

566801

15  
h-index

476904

29  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1258  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigations on the Influence of Collagen Type on Physicochemical Properties of PVP/PVA Composites Enriched with Hydroxyapatite Developed for Biomedical Applications. <i>Materials</i> , 2022, 15, 37.	1.3	2
2	Tribological Properties and Physicochemical Analysis of Polymer-Ceramic Composite Coatings for Bone Regeneration. <i>Lubricants</i> , 2022, 10, 58.	1.2	4
3	Investigations on the poly(hydroxybutyric acid)-based hydrogels containing gold nanoparticles. <i>International Journal of Polymer Analysis and Characterization</i> , 2021, 26, 381-395.	0.9	0
4	Synthesis and Characterization of Polymer-Based Coatings Modified with Bioactive Ceramic and Bovine Serum Albumin. <i>Journal of Functional Biomaterials</i> , 2021, 12, 21.	1.8	14
5	Review of the Applications of Biomedical Compositions Containing Hydroxyapatite and Collagen Modified by Bioactive Components. <i>Materials</i> , 2021, 14, 2096.	1.3	25
6	Composites Based on Hydroxyapatite and Whey Protein Isolate for Applications in Bone Regeneration. <i>Materials</i> , 2021, 14, 2317.	1.3	19
7	Hydroxyapatite Obtained via the Wet Precipitation Method and PVP/PVA Matrix as Components of Polymer-Ceramic Composites for Biomedical Applications. <i>Molecules</i> , 2021, 26, 4268.	1.7	18
8	PGS/HAP Microporous Composite Scaffold Obtained in the TIPS-TCL-SL Method: An Innovation for Bone Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8587.	1.8	13
9	Investigation on Green Synthesis, Biocompatibility, and Antibacterial Activity of Silver Nanoparticles Prepared Using <i>Cistus incanus</i> . <i>Materials</i> , 2021, 14, 5028.	1.3	8
10	Multistep Chemical Processing of Crickets Leading to the Extraction of Chitosan Used for Synthesis of Polymer Drug Carriers. <i>Materials</i> , 2021, 14, 5070.	1.3	3
11	Preparation, Characterization, and Biocompatibility Assessment of Polymer-Ceramic Composites Loaded with <i>Salvia officinalis</i> Extract. <i>Materials</i> , 2021, 14, 6000.	1.3	15
12	Sustainable Production of Chitosan. <i>Studies in Systems, Decision and Control</i> , 2020, , 45-60.	0.8	3
13	Hydroxyapatite powders prepared using two different methods as modifying agents of PVP/collagen composites designed for biomedical applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020, , 1-11.	1.8	0
14	Mechanochemical Synthesis of BaTiO <sub>3</sub> Powders and Evaluation of Their Acrylic Dispersions. <i>Materials</i> , 2020, 13, 3275.	1.3	4
15	Ceramic-polymer coatings on Ti-6Al-4V alloy modified with l-cysteine in biomedical applications. <i>Materials Today Communications</i> , 2020, 25, 101301.	0.9	9
16	In vitro biosafety of pro-ecological chitosan-based hydrogels modified with natural substances. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 2501-2511.	2.1	19
17	Hydroxyapatite/Silver Nanoparticles Powders as Antimicrobial Agent for Bone Replacements. <i>Croatica Chemica Acta</i> , 2019, 92, 59-68.	0.1	6
18	Synthesis, characterization, and in vitro cytotoxicity of chitosan hydrogels containing nanogold. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 175-182.	1.8	3

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19	Assessment of cytotoxicity and immune compatibility of phytochemicals-mediated biosynthesised silver nanoparticles using <i>Cynara scolymus</i> . IET Nanobiotechnology, 2019, 13, 726-735.	1.9	3
20	Effect of calcination parameters on behavior of bone hydroxyapatite in artificial saliva and its biosafety. Materials Chemistry and Physics, 2018, 206, 158-165.	2.0	17
21	Synthesis and characterization of ceramic - polymer composites containing bioactive synthetic hydroxyapatite for biomedical applications. Ceramics International, 2018, 44, 13630-13638.	2.3	41
22	Bioactivity tests of calcium phosphates with variant molar ratios of main components. Journal of Biomedical Materials Research - Part A, 2018, 106, 1941-1950.	2.1	8
23	Preparation, characterization, and <i>in vitro</i> cytotoxicity of chitosan hydrogels containing silver nanoparticles. Journal of Biomaterials Science, Polymer Edition, 2017, 28, 1665-1676.	1.9	3
24	Preparation and cytotoxicity of chitosan-based hydrogels modified with silver nanoparticles. Colloids and Surfaces B: Biointerfaces, 2017, 160, 325-330.	2.5	57
25	<i>In vitro</i> cytotoxicity of hydrogels based on chitosan and modified with gold nanoparticles. Journal of Polymer Research, 2017, 24, 1.	1.2	29
26	Beetosan-Based Hydrogels Modified with Natural Substances. Journal of Renewable Materials, 2017, 5, 174-179.	1.1	3
27	Studies on Bone-Derived Calcium Phosphate Materials. Journal of Renewable Materials, 2017, 5, 180-188.	1.1	1
28	Infusion of Ag from Aqueous Solution into Solid Calcium Phosphate of Hydroxyapatite ( $\text{HA}$ ) Crystal Structure. Journal of the American Ceramic Society, 2016, 99, 3129-3135.	1.9	1
29	Magnetic nanomaterials and sensors for biological detection. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 2459-2473.	1.7	50
30	Physicochemical characterization of zinc-substituted calcium phosphates. Bulletin of Materials Science, 2016, 39, 525-535.	0.8	12
31	A study on droplets sizes, their distribution and heat exchange for minimum quantity cooling lubrication (MQCL). International Journal of Machine Tools and Manufacture, 2016, 100, 81-92.	6.2	197
32	Natural Substances as Substrates in Metallic Nanoparticles Synthesis. Advanced Science Letters, 2016, 22, 642-646.	0.2	0
33	One-step synthesis of highly-biocompatible spherical gold nanoparticles using <i>Artocarpus heterophyllus</i> Lam. (jackfruit) fruit extract and its effect on pathogens. Annals of Agricultural and Environmental Medicine, 2015, 22, 84-89.	0.5	19
34	Mechanochemical synthesis and investigations of calcium titanate powders and their acrylic dispersions. Journal of the European Ceramic Society, 2014, 34, 2259-2264.	2.8	13
35	Targeting Cancer with Nano-Bullets: Curcumin, EGCG, Resveratrol and Quercetin on Flying Carpets. Asian Pacific Journal of Cancer Prevention, 2014, 15, 3865-3871.	0.5	50
36	Evaluation of resin composites modified with nanogold and nanosilver. Acta of Bioengineering and Biomechanics, 2014, 16, 51-61.	0.2	10

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37	Effect of calcination conditions of pork bone sludge on behaviour of hydroxyapatite in simulated body fluid. Bulletin of Materials Science, 2013, 36, 755-764.	0.8	11
38	Bioreduction of chloroaurate ions using fruit extract <i>Punica granatum</i> (Pomegranate) for synthesis of highly stable gold nanoparticles and assessment of its antibacterial activity. Micro and Nano Letters, 2013, 8, 400-404.	0.6	18
39	Plant Mediated Synthesis Of Gold Nanoparticles Using Fruit Extracts Of <i>Ananas Comosus</i> (L.) (Pineapple) And Evaluation Of Biological Activities. Advanced Materials Letters, 2013, 4, 332-337.	0.3	51
40	Studies on sintering process of synthetic hydroxyapatite. Acta Biochimica Polonica, 2013, 60, 851-5.	0.3	14
41	Physicochemical and Biological Properties of Hydrogel/Gelatin/Hydroxyapatite PAA/G/HAp/AgNPs Composites Modified with Silver Nanoparticles. Journal of Nanoscience and Nanotechnology, 2012, 12, 9302-9311.	0.9	15
42	The influence of calcination parameters on free calcium oxide content in natural hydroxyapatite. Ceramics International, 2012, 38, 641-647.	2.3	71
43	Polymer-ceramic biocomposites based on PVP/histidine/hydroxyapatite for hard tissue engineering applications. International Journal of Polymeric Materials and Polymeric Biomaterials, 0, , 1-13.	1.8	0