

# Joanna Lewandowska-ÅaÅ,cucka

## List of Publications by Year in descending order

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32  
papers

730  
citations

471509

17  
h-index

526287

27  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1211  
citing authors

#	ARTICLE	IF	CITATIONS
1	Collagen/chitosan/hyaluronic acid based injectable hydrogels for tissue engineering applications design, physicochemical and biological characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 152-162.	5.0	75
2	Alginate- and gelatin-based bioactive photocross-linkable hybrid materials for bone tissue engineering. <i>Carbohydrate Polymers</i> , 2017, 157, 1714-1722.	10.2	62
3	Genipin crosslinked bioactive collagen/chitosan/hyaluronic acid injectable hydrogels structurally amended via covalent attachment of surface-modified silica particles. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 1196-1208.	7.5	50
4	Bioactive yet antimicrobial structurally stable collagen/chitosan/lysine functionalized hyaluronic acid based injectable hydrogels for potential bone tissue engineering applications. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 938-950.	7.5	45
5	Bioactive hydrogel-nanosilica hybrid materials: a potential injectable scaffold for bone tissue engineering. <i>Biomedical Materials (Bristol)</i> , 2015, 10, 015020.	3.3	43
6	Biopolymeric hydrogels nanostructured TiO <sub>2</sub> hybrid materials as potential injectable scaffolds for bone regeneration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 148, 607-614.	5.0	41
7	Synthesis and characterization of the superparamagnetic iron oxide nanoparticles modified with cationic chitosan and coated with silica shell. <i>Journal of Alloys and Compounds</i> , 2014, 586, 45-51.	5.5	36
8	Silicone Nanocapsules Templated Inside the Membranes of Catanionic Vesicles. <i>Langmuir</i> , 2007, 23, 7314-7320.	3.5	35
9	In vitro osteogenic potential of collagen/chitosan-based hydrogels-silica particles hybrids in human bone marrow-derived mesenchymal stromal cell cultures. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 692-700.	7.5	33
10	Nucleobases functionalized quantum dots and gold nanoparticles bioconjugates as a fluorescence resonance energy transfer (FRET) system Synthesis, characterization and potential applications. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 479-490.	9.4	30
11	Biopolymer-based hydrogels as injectable materials for tissue repair scaffolds. <i>Biomedical Materials (Bristol)</i> , 2013, 8, 035013.	3.3	28
12	Tuning of elasticity and surface properties of hydrogel cell culture substrates by simple chemical approach. <i>Journal of Colloid and Interface Science</i> , 2018, 524, 102-113.	9.4	26
13	Bilayer structures in dioctadecyldimethylammonium bromide/oleic acid dispersions. <i>Chemistry and Physics of Lipids</i> , 2011, 164, 359-367.	3.2	22
14	Silicone-stabilized liposomes. <i>Colloid and Polymer Science</i> , 2010, 288, 37-45.	2.1	20
15	Silicone-stabilized liposomes as a possible novel nanostructural drug carrier. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 143, 359-370.	5.0	19
16	Sol-gel synthesis of iron oxide-silica composite microstructures. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 64, 67-77.	2.4	18
17	Addressing the Osteoporosis Problem Multifunctional Injectable Hybrid Materials for Controlling Local Bone Tissue Remodeling. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 49762-49779.	8.0	18
18	Novel hybrid materials for preparation of bone tissue engineering scaffolds. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 231.	3.6	17

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19	Bioactive hydrogel scaffolds reinforced with alkaline-phosphatase containing halloysite nanotubes for bone repair applications. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 1187-1195.	7.5	17
20	Hybrid Silica-Silicone Nanocapsules Obtained in Catanionic Vesicles. <i>Cryo-TEM Studies. Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 3138-3143.	0.9	15
21	Novel nanostructural contrast for magnetic resonance imaging of endothelial inflammation: targeting SPIONs to vascular endothelium. <i>RSC Advances</i> , 2016, 6, 72586-72595.	3.6	14
22	Design and characterization of silicone micromaterials: A systematic study. <i>Materials and Design</i> , 2018, 146, 57-68.	7.0	12
23	Bioactive injectable composites based on insulin-functionalized silica particles reinforced polymeric hydrogels for potential applications in bone tissue engineering. <i>Journal of Materials Science and Technology</i> , 2022, 105, 153-163.	10.7	12
24	Lysine-functionalized chondroitin sulfate improves the biological properties of collagen/chitosan-based injectable hydrogels. <i>International Journal of Biological Macromolecules</i> , 2022, 202, 318-331.	7.5	9
25	Novel fluorescent CdTe quantum dot "thymine conjugate" synthesis, properties and possible application. <i>Nanotechnology</i> , 2017, 28, 045701.	2.6	6
26	Influence of Cationic Phosphatidylcholine Derivative on Monolayer and Bilayer Artificial Bacterial Membranes. <i>Langmuir</i> , 2018, 34, 5097-5105.	3.5	6
27	Stabilization of liposomes with silicone layer improves their elastomechanical properties while not compromising biological features. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 195, 111272.	5.0	6
28	"One-component" ultrathin multilayer films based on poly(vinyl alcohol) as stabilizing coating for phenytoin-loaded liposomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 133-142.	5.0	5
29	Bioactive moist bionanocellulose-based wound dressing material. <i>Applied Surface Science</i> , 2020, 516, 146108.	6.1	4
30	Novel bionanocellulose based membrane protected with covalently bounded thin silicone layer as promising wound dressing material. <i>Applied Surface Science</i> , 2018, 459, 80-85.	6.1	3
31	Surface Functionalization of Nanocellulose-Based Hydrogels. <i>Polymers and Polymeric Composites</i> , 2019, , 705-733.	0.6	2
32	Silica covered porphyrin microstructures obtained in sol-gel processes. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 59, 276-282.	2.4	1