

# Paulina Kazimierczak

## List of Publications by Citations

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20  
papers

215  
citations

9  
h-index

14  
g-index

26  
ext. papers

357  
ext. citations

5.7  
avg, IF

4.09  
L-index

#	Paper	IF	Citations
20	Novel chitosan/agarose/hydroxyapatite nanocomposite scaffold for bone tissue engineering applications: comprehensive evaluation of biocompatibility and osteoinductivity with the use of osteoblasts and mesenchymal stem cells. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 6615-6630	7.3	42
19	Osteoconductive and Osteoinductive Surface Modifications of Biomaterials for Bone Regeneration: A Concise Review. <i>Coatings</i> , <b>2020</b> , 10, 971	2.9	23
18	Novel synthesis method combining a foaming agent with freeze-drying to obtain hybrid highly macroporous bone scaffolds. <i>Journal of Materials Science and Technology</i> , <b>2020</b> , 43, 52-63	9.1	20
17	Biological Response to Macroporous Chitosan-Agarose Bone Scaffolds Comprising Mg- and Zn-Doped Nano-Hydroxyapatite. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	18
16	Spectroscopic studies on the temperature-dependent molecular arrangements in hybrid chitosan/1,3- $\beta$ -D-glucan polymeric matrices. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 159, 911-921	7.9	15
15	Development and Optimization of the Novel Fabrication Method of Highly Macroporous Chitosan/Agarose/Nanohydroxyapatite Bone Scaffold for Potential Regenerative Medicine Applications. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	13
14	Design, synthesis and antimycobacterial activity of thiazolidine-2,4-dione-based thiosemicarbazone derivatives. <i>Bioorganic Chemistry</i> , <b>2020</b> , 97, 103676	5.1	12
13	Superabsorbent curdlan-based foam dressings with typical hydrocolloids properties for highly exuding wound management. <i>Materials Science and Engineering C</i> , <b>2021</b> , 124, 112068	8.3	12
12	Collagen maturity and mineralization in mesenchymal stem cells cultured on the hydroxyapatite-based bone scaffold analyzed by ATR-FTIR spectroscopic imaging. <i>Materials Science and Engineering C</i> , <b>2021</b> , 119, 111634	8.3	9
11	Synthesis and antimycobacterial activity of thiazolidine-2,4-dione based derivatives with halogenbenzohydrazones and pyridinecarbohydrazones substituents. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 189, 112045	6.8	7
10	The Chitosan/Agarose/NanoHA Bone Scaffold-Induced M2 Macrophage Polarization and Its Effect on Osteogenic Differentiation In Vitro. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	7
9	Effect of Gelation Temperature on the Molecular Structure and Physicochemical Properties of the Curdlan Matrix: Spectroscopic and Microscopic Analyses. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
8	Ex vivo determination of chitosan/curdlan/hydroxyapatite biomaterial osseointegration with the use of human trabecular bone explant: New method for biocompatibility testing of bone implants reducing animal tests. <i>Materials Science and Engineering C</i> , <b>2021</b> , 119, 111612	8.3	6
7	Comparison of osteogenic differentiation ability between bone marrow-derived mesenchymal stem cells and adipose tissue-derived mesenchymal stem cells. <i>Medycyna Ogólna I Nauki O Zdrowiu</i> , <b>2018</b> , 24, 101-106	1.6	5
6	UVB Radiation and Selected Tryptophan-Derived AhR Ligands-Potential Biological Interactions in Melanoma Cells. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
5	Surface Chemical and Morphological Analysis of Chitosan/1,3- $\beta$ -D-Glucan Polysaccharide Films Cross-Linked at 90 $^{\circ}$ C. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5953	6.3	4
4	Mg,Si-Co-Substituted Hydroxyapatite/Alginate Composite Beads Loaded with Raloxifene for Potential Use in Bone Tissue Regeneration. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2

3	Bioengineered Living Bone Grafts-A Concise Review on Bioreactors and Production Techniques In Vitro.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	1
2	Physicochemical changes of the chitosan/β,3-glucan/hydroxyapatite biocomposite caused by mesenchymal stem cells cultured on its surface in vitro. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 251, 119439	4.4	1
1	Porous Composite Granules with Potential Function of Bone Substitute and Simvastatin Releasing System: A Preliminary Study. <i>Materials</i> , <b>2021</b> , 14,	3.5	1