

Paulina Kazimierczak

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

522
citations

686830

13
h-index

676716

22
g-index

26
all docs

26
docs citations

26
times ranked

601
citing authors

#	ARTICLE	IF	CITATIONS
1	Osteoconductive and Osteoinductive Surface Modifications of Biomaterials for Bone Regeneration: A Concise Review. <i>Coatings</i> , 2020, 10, 971.	1.2	64
2	<p>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</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6615-6630.	3.3	63
3	Spectroscopic studies on the temperature-dependent molecular arrangements in hybrid chitosan/1,3- β -D-glucan polymeric matrices. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 911-921.	3.6	40
4	Superabsorbent curdlan-based foam dressings with typical hydrocolloids properties for highly exuding wound management. <i>Materials Science and Engineering C</i> , 2021, 124, 112068.	3.8	38
5	Biological Response to Macroporous Chitosan-Agarose Bone Scaffolds Comprising Mg- and Zn-Doped Nano-Hydroxyapatite. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3835.	1.8	37
6	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> , 2020, 43, 52-63.	5.6	33
7	Development and Optimization of the Novel Fabrication Method of Highly Macroporous Chitosan/Agarose/Nanohydroxyapatite Bone Scaffold for Potential Regenerative Medicine Applications. <i>Biomolecules</i> , 2019, 9, 434.	1.8	27
8	Design, synthesis and antimycobacterial activity of thiazolidine-2,4-dione-based thiosemicarbazone derivatives. <i>Bioorganic Chemistry</i> , 2020, 97, 103676.	2.0	26
9	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> , 2021, 119, 111634.	3.8	25
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> , 2021, 22, 1109.	1.8	20
11	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> , 2021, 119, 111612.	3.8	18
12	Synthesis and antimycobacterial activity of thiazolidine-2,4-dione based derivatives with halogenbenzohydrazones and pyridinecarbohydrazones substituents. <i>European Journal of Medicinal Chemistry</i> , 2020, 189, 112045.	2.6	16
13	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> , 2020, 21, 6154.	1.8	16
14	Bioengineered Living Bone Graftsâ€™ A Concise Review on Bioreactors and Production Techniques In Vitro. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1765.	1.8	15
15	Mg,Siâ€™Co-Substituted Hydroxyapatite/Alginate Composite Beads Loaded with Raloxifene for Potential Use in Bone Tissue Regeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2933.	1.8	11
16	UVB Radiation and Selected Tryptophan-Derived AhR Ligandsâ€™Potential Biological Interactions in Melanoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7500.	1.8	11
17	Surface Chemical and Morphological Analysis of Chitosan/1,3- β -d-Glucan Polysaccharide Films Cross-Linked at 90 Å °C. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5953.	1.8	11
18	Noncytotoxic zinc-doped nanohydroxyapatite-based bone scaffolds with strong bactericidal, bacteriostatic, and antibiofilm activity. , 2022, 139, 213011.		10

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19	Effect of Vitamin C/Hydrocortisone Immobilization within Curdlan-Based Wound Dressings on In Vitro Cellular Response in Context of the Management of Chronic and Burn Wounds. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11474.	1.8	9
20	Biocompatible curdlan-based biomaterials loaded with gentamicin and Zn-doped nano-hydroxyapatite as promising dressing materials for the treatment of infected wounds and prevention of surgical site infections. , 2022, 139, 213006.		9
21	Mesh Ti6Al4V Material Manufactured by Selective Laser Melting (SLM) as a Promising Intervertebral Fusion Cage. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3985.	1.8	7
22	Comparison of osteogenic differentiation ability between bone marrow-derived mesenchymal stem cells and adipose tissue-derived mesenchymal stem cells. <i>Medycyna OgÅ³Ina I Nauki O Zdrowiu</i> , 2018, 24, 101-106.	0.1	6
23	Porous Composite Granules with Potential Function of Bone Substitute and Simvastatin Releasing System: A Preliminary Study. <i>Materials</i> , 2021, 14, 5068.	1.3	4
24	Application of Raman Spectroscopic Imaging to Assess the Structural Changes at Cell-Scaffold Interface. <i>International Journal of Molecular Sciences</i> , 2021, 22, 485.	1.8	3
25	Physicochemical changes of the chitosan/Î²-1,3-glucan/hydroxyapatite biocomposite caused by mesenchymal stem cells cultured on its surface in vitro. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 251, 119439.	2.0	2
26	Bioactive properties of carnosine. <i>Medycyna OgÅ³Ina I Nauki O Zdrowiu</i> , 2018, 24, 96-100.	0.1	1