

Monika Å upovÃ;

List of Publications by Year in descending order

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34
papers

1,619
citations

516710

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395702

33
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all docs

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docs citations

34
times ranked

2625
citing authors

#	ARTICLE	IF	CITATIONS
1	Beach Sand: Alternative Filler in Metakaolin-Based Geopolymers. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	2.9	1
2	Vancomycin-Loaded Collagen/Hydroxyapatite Layers Electrospun on 3D Printed Titanium Implants Prevent Bone Destruction Associated with <i>S. epidermidis</i> Infection and Enhance Osseointegration. <i>Biomedicines</i> , 2021, 9, 531.	3.2	15
3	New Metakaolin-Based Geopolymers with the Addition of Different Types of Waste Stone Powder. <i>Crystals</i> , 2021, 11, 983.	2.2	12
4	In Situ Hydroxyapatite Synthesis Enhances Biocompatibility of PVA/HA Hydrogels. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9335.	4.1	17
5	Various Simulated Body Fluids Lead to Significant Differences in Collagen Tissue Engineering Scaffolds. <i>Materials</i> , 2021, 14, 4388.	2.9	16
6	Collagen Bioinks for Bioprinting: A Systematic Review of Hydrogel Properties, Bioprinting Parameters, Protocols, and Bioprinted Structure Characteristics. <i>Biomedicines</i> , 2021, 9, 1137.	3.2	30
7	Vancomycin-releasing cross-linked collagen sponges as wound dressings. <i>Bosnian Journal of Basic Medical Sciences</i> , 2021, 21, 61-70.	1.0	7
8	pH Modification of High-Concentrated Collagen Bioinks as a Factor Affecting Cell Viability, Mechanical Properties, and Printability. <i>Gels</i> , 2021, 7, 252.	4.5	11
9	Rifampin-Releasing Triple-Layer Cross-Linked Fresh Water Fish Collagen Sponges as Wound Dressings. <i>BioMed Research International</i> , 2020, 2020, 1-13.	1.9	5
10	Surface Treatment of Acetabular Cups with a Direct Deposition of a Composite Nanostructured Layer Using a High Electrostatic Field. <i>Molecules</i> , 2020, 25, 1173.	3.8	3
11	Peptide mass mapping in bioapatites isolated from animal bones. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 32.	3.6	4
12	The Significance and Utilisation of Biomimetic and Bioinspired Strategies in the Field of Biomedical Material Engineering: The Case of Calcium Phosphatâ€”Protein Template Constructs. <i>Materials</i> , 2020, 13, 327.	2.9	11
13	Electrospun Collagen Variability Characterized by Tensile Testing. <i>IFMBE Proceedings</i> , 2020, , 1231-1238.	0.3	1
14	Phase Transformations in Fly Ash-Based Solids. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 804.	2.0	1
15	The synthesis and characterization of geopolymers based on metakaolin and high LOI straw ash. <i>Construction and Building Materials</i> , 2019, 228, 116765.	7.2	18
16	Positive impact of dynamic seeding of mesenchymal stem cells on bone-like biodegradable scaffolds with increased content of calcium phosphate nanoparticles. <i>Molecular Biology Reports</i> , 2019, 46, 4483-4500.	2.3	7
17	A novel gentamicin-releasing wound dressing prepared from freshwater fish <i>Cyprinus carpio</i> collagen cross-linked with carbodiimide. <i>Journal of Bioactive and Compatible Polymers</i> , 2019, 34, 246-262.	2.1	13
18	Evaluation of collagen/hydroxyapatite electrospun layers loaded with vancomycin, gentamicin and their combination: Comparison of release kinetics, antimicrobial activity and cytocompatibility. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 140, 50-59.	4.3	18

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19	Dry versus hydrated collagen scaffolds: are dry states representative of hydrated states?. Journal of Materials Science: Materials in Medicine, 2018, 29, 20.	3.6	26
20	Gehlenite and anorthite formation from fluid fly ash. Journal of Molecular Structure, 2018, 1157, 476-481.	3.6	24
21	The comprehensive in vitro evaluation of eight different calcium phosphates: Significant parameters for cell behavior. Journal of the American Ceramic Society, 2018, 102, 2882.	3.8	11
22	The release kinetics, antimicrobial activity and cytocompatibility of differently prepared collagen/hydroxyapatite/vancomycin layers: Microstructure vs. nanostructure. European Journal of Pharmaceutical Sciences, 2017, 100, 219-229.	4.0	32
23	Thermal conversion of polyolefins/polystyrene ternary mixtures: Kinetics and pyrolysis on a laboratory and commercial scales. Journal of Analytical and Applied Pyrolysis, 2017, 128, 196-207.	5.5	19
24	The Sustainable Release of Vancomycin and Its Degradation Products From Nanostructured Collagen/Hydroxyapatite Composite Layers. Journal of Pharmaceutical Sciences, 2016, 105, 1288-1294.	3.3	22
25	Substituted hydroxyapatites for biomedical applications: A review. Ceramics International, 2015, 41, 9203-9231.	4.8	591
26	The effects of different cross-linking conditions on collagen-based nanocomposite scaffoldsâ€™ an <i>in vitro</i> evaluation using mesenchymal stem cells. Biomedical Materials (Bristol), 2015, 10, 065008.	3.3	27
27	Support for the initial attachment, growth and differentiation of MG-63 cells: a comparison between nano-size hydroxyapatite and micro-size hydroxyapatite in composites. International Journal of Nanomedicine, 2014, 9, 3687.	6.7	27
28	Isolation and Preparation of Nanoscale Bioapatites from Natural Sources: A Review. Journal of Nanoscience and Nanotechnology, 2014, 14, 546-563.	0.9	39
29	The identification of geopolymer affinity in specific cases of clay materials. Applied Clay Science, 2014, 102, 213-219.	5.2	22
30	Effect of Nanofillers Dispersion in Polymer Matrices: A Review. Science of Advanced Materials, 2011, 3, 1-25.	0.7	393
31	Problem of hydroxyapatite dispersion in polymer matrices: a review. Journal of Materials Science: Materials in Medicine, 2009, 20, 1201-1213.	3.6	192
32	Filamentous Carbon Catalytic Deposition of Coalâ€™Tar Pitch Fraction on Corundum. Fullerenes Nanotubes and Carbon Nanostructures, 2007, 15, 43-52.	2.1	1
33	Organo-vermiculite structure ordering after PVAc introduction. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 1870-1875.	1.8	3
34	Problems associated with the assessment of organic impurities in bioapatites isolated from animal sources: a review. Journal of the Australian Ceramic Society, 0, , 1.	1.9	0