

Radka Gorejová

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

295
citations

933447

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996975

15
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16
all docs

16
docs citations

16
times ranked

229
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advancements in Fe-based biodegradable materials for bone repair. <i>Journal of Materials Science</i> , 2019, 54, 1913-1947.	3.7	92
2	An In Vitro Corrosion Study of Open Cell Iron Structures with PEG Coating for Bone Replacement Applications. <i>Metals</i> , 2018, 8, 499.	2.3	30
3	In Vitro Corrosion Behavior of Biodegradable Iron Foams with Polymeric Coating. <i>Materials</i> , 2020, 13, 184.	2.9	23
4	Influence of albumin interaction on corrosion resistance of sintered iron biomaterials with polyethyleneimine coating. <i>Applied Surface Science</i> , 2020, 509, 145379.	6.1	23
5	Evaluation of in vitro biocompatibility of open cell iron structures with PEG coating. <i>Applied Surface Science</i> , 2019, 475, 515-518.	6.1	22
6	Evaluation of mechanical properties and hemocompatibility of open cell iron foams with polyethylene glycol coating. <i>Applied Surface Science</i> , 2020, 505, 144634.	6.1	21
7	Surface Modifications of Biodegradable Metallic Foams for Medical Applications. <i>Coatings</i> , 2020, 10, 819.	2.6	19
8	Novel trends and recent progress on preparation methods of biodegradable metallic foams for biomedicine: a review. <i>Journal of Materials Science</i> , 2021, 56, 13925-13963.	3.7	15
9	Biodegradable zinc-iron alloys: Complex study of corrosion behavior, mechanical properties and hemocompatibility. <i>Progress in Natural Science: Materials International</i> , 2021, 31, 279-287.	4.4	14
10	Additive Manufacturing of Porous Ti6Al4V Alloy: Geometry Analysis and Mechanical Properties Testing. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2611.	2.5	13
11	Electrochemical behavior, biocompatibility and mechanical performance of biodegradable iron with PEI coating. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 659-671.	4.0	8
12	Static Corrosion Test of Porous Iron Material with Polymer Coating. <i>Powder Metallurgy Progress</i> , 2016, 16, 99-106.	0.1	5
13	Degradation Performance of Open-Cell Biomaterials from Phosphated Carbonyl Iron Powder with PEG Coating. <i>Materials</i> , 2020, 13, 4134.	2.9	5
14	Corrosion Behavior of Zn, Fe and Fe-Zn Powder Materials Prepared via Uniaxial Compression. <i>Materials</i> , 2021, 14, 4983.	2.9	3
15	Interaction of thin polyethyleneimine layer with the iron surface and its effect on the electrochemical behavior. <i>Scientific Reports</i> , 2022, 12, 3460.	3.3	2
16	Static corrosion tests of iron-based biomaterials in the environment of simulated body fluids. <i>Koroze A Ochrana Materialu</i> , 2019, 63, 113-120.	0.7	0