

Radka Gorejová

List of Publications by Year in descending order

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16
papers

295
citations

933447

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996975

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16
all docs

16
docs citations

16
times ranked

229
citing authors

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