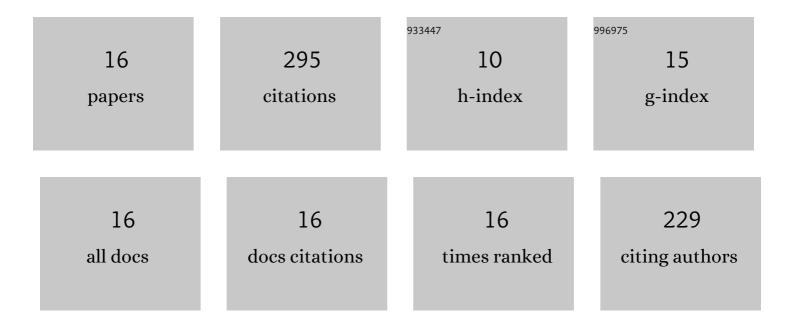
Radka GorejovÃ;

List of Publications by Year in descending order

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