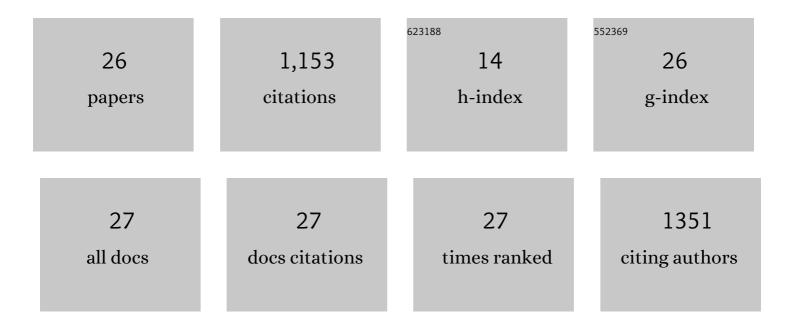
Eva Jablonska

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Titaniaâ€based sol–gel coatings with <scp>Ag</scp> , <scp>Caâ€P</scp> applied on titanium substrate developed for implantation. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2022, 110, 115-124.	1.6	7
2	Biodegradable WE43 Magnesium Alloy Produced by Selective Laser Melting: Mechanical Properties, Corrosion Behavior, and In-Vitro Cytotoxicity. Metals, 2022, 12, 469.	1.0	7
3	Corrosion and mechanical properties of a novel biomedical WN43 magnesium alloy prepared by spark plasma sintering. Journal of Magnesium and Alloys, 2021, 9, 853-853.	5.5	17
4	Development of Adhesive, Bioactive and Antibacterial Titania Sol-Gel Coating on Titanium Substrate by Dip-Coating Technique. Coatings, 2021, 11, 243.	1.2	6
5	Test conditions can significantly affect the results of in vitro cytotoxicity testing of degradable metallic biomaterials. Scientific Reports, 2021, 11, 6628.	1.6	43
6	A review of <i>in vitro</i> cell culture testing methods for bioactive glasses and other biomaterials for hard tissue regeneration. Journal of Materials Chemistry B, 2020, 8, 10941-10953.	2.9	30
7	Microstructural, Mechanical, Corrosion and Cytotoxicity Characterization of Porous Ti-Si Alloys with Pore-Forming Agent. Materials, 2020, 13, 5607.	1.3	4
8	Cancer Cells Microsurgery <i>via</i> Asymmetric Bent Surface Au/Ag/Ni Microrobotic Scalpels Through a Transversal Rotating Magnetic Field. ACS Nano, 2020, 14, 8247-8256.	7.3	92
9	Influence of the surface etching on the corrosion behaviour of a threeâ€dimensional printed Ti–6Al–4V alloy. Materials and Corrosion - Werkstoffe Und Korrosion, 2020, 71, 1691-1696.	0.8	6
10	Mechanical, corrosion and biological properties of advanced biodegradable Mg–MgF2 and WE43-MgF2 composite materials prepared by spark plasma sintering. Journal of Alloys and Compounds, 2020, 825, 154016.	2.8	28
11	Mechanical properties, corrosion behaviour and biocompatibility of TiNbTaSn for dentistry. Materials Research Express, 2020, 7, 015403.	0.8	6
12	High strength AM50 magnesium alloy as a material for possible stent application in medicine. Materials Technology, 2019, 34, 838-842.	1.5	8
13	A two-phase gradual silver release mechanism from a nanostructured TiAlV surface as a possible antibacterial modification in implants. Bioelectrochemistry, 2019, 127, 26-34.	2.4	9
14	Thermal Plasma Spraying as a New Approach for Preparation of Zinc Biodegradable Scaffolds: A Complex Material Characterization. Journal of Thermal Spray Technology, 2019, 28, 826-841.	1.6	13
15	Preparation and characterization of porous zinc prepared by spark plasma sintering as a material for biodegradable scaffolds. Materials Chemistry and Physics, 2018, 203, 249-258.	2.0	46
16	Corrosion behaviour and cell interaction of Ti-6Al-4V alloy prepared by two techniques of 3D printing. Materials Science and Engineering C, 2018, 93, 911-920.	3.8	40
17	Effect of equal channel angular pressing on in vitro degradation of LAE442 magnesium alloy. Materials Science and Engineering C, 2017, 73, 736-742.	3.8	44
18	Promising characteristics of gradient porosity Ti-6Al-4V alloy prepared by SLM process. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 69, 368-376.	1.5	161

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19	Titania sol-gel coatings containing silver on newly developed TiSi alloys and their antibacterial effect. Materials Science and Engineering C, 2017, 76, 25-30.	3.8	13
20	A novel high-strength and highly corrosive biodegradable Fe-Pd alloy: Structural, mechanical and in vitro corrosion and cytotoxicity study. Materials Science and Engineering C, 2017, 79, 550-562.	3.8	55
21	Novel Approach in the Use of Plasma Spray: Preparation of Bulk Titanium for Bone Augmentations. Materials, 2017, 10, 987.	1.3	14
22	Influence of surface pre-treatment on the cytocompatibility of a novel biodegradable ZnMg alloy. Materials Science and Engineering C, 2016, 68, 198-204.	3.8	48
23	Highly porous, low elastic modulus 316L stainless steel scaffold prepared by selective laser melting. Materials Science and Engineering C, 2016, 69, 631-639.	3.8	148
24	Microstructural, mechanical, corrosion and cytotoxicity characterization of the hot forged FeMn30(wt.%) alloy. Materials Science and Engineering C, 2016, 58, 900-908.	3.8	59
25	Structure, mechanical characteristics and in vitro degradation, cytotoxicity, genotoxicity and mutagenicity of novel biodegradable Zn–Mg alloys. Materials Science and Engineering C, 2016, 58, 24-35.	3.8	245
26	Interrelation of Microstructure and Corrosion Resistance in Biodegradable Magnesium Alloys with Aluminum, Lithium and Rare Earth Additions. Acta Physica Polonica A, 2015, 128, 491-497.	0.2	4