

Agnieszka Witecka

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

261
citations

932766

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docs citations

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428
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive microstructural analysis of Al ¹⁰ WC micro- and nano-composites prepared by spark plasma sintering. <i>Materials and Design</i> , 2017, 119, 225-234.	3.3	59
2	Influence of biodegradable polymer coatings on corrosion, cytocompatibility and cell functionality of Mg-2.0Zn-0.98Mn magnesium alloy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 144, 284-292.	2.5	39
3	In vitro degradation of ZM21 magnesium alloy in simulated body fluids. <i>Materials Science and Engineering C</i> , 2016, 65, 59-69.	3.8	39
4	A comprehensive analysis of extrusion behavior, microstructural evolution, and mechanical properties of 6063 Al ¹⁰ B4C composites produced by semisolid stir casting. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 721, 28-37.	2.6	27
5	Electrophoretically deposited high molecular weight chitosan/bioactive glass composite coatings on WE43 magnesium alloy. <i>Surface and Coatings Technology</i> , 2021, 418, 127232.	2.2	22
6	pH-Responsive Saloplastics Based on Weak Polyelectrolytes: From Molecular Processes to Material Scale Properties. <i>Macromolecules</i> , 2018, 51, 4424-4434.	2.2	15
7	Saloplastics as multiresponsive ion exchange reservoirs and catalyst supports. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17713-17724.	5.2	15
8	Experimental and theoretical study of the thermal solubility of the vacancy in germanium. <i>Physica B: Condensed Matter</i> , 2009, 404, 4529-4532.	1.3	12
9	Surface characterization and cytocompatibility evaluation of silanized magnesium alloy AZ91 for biomedical applications. <i>Science and Technology of Advanced Materials</i> , 2012, 13, 064214.	2.8	12
10	Influence of SaOS-2 cells on corrosion behavior of cast Mg-2.0Zn0.98Mn magnesium alloy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 288-296.	2.5	12
11	Amorphous Fe _x Co _{1-x} Wire-like Nanostructures Manufactured through Surfactant-Free Magnetic-Field-Induced Synthesis. <i>Crystal Growth and Design</i> , 2020, 20, 3208-3216.	1.4	7
12	Improvement of Cytocompatibility of Magnesium Alloy ZM21 by Surface Modification. , 2014, , 375-380.		0