

# Agnieszka Witecka

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/869626/publications.pdf>

Version: 2024-02-01

12  
papers

261  
citations

933447

10  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

428  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive microstructural analysis of Al <sup>3+</sup> /WC micro- and nano-composites prepared by spark plasma sintering. <i>Materials and Design</i> , 2017, 119, 225-234.	7.0	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.	5.0	39
3	In vitro degradation of ZM21 magnesium alloy in simulated body fluids. <i>Materials Science and Engineering C</i> , 2016, 65, 59-69.	7.3	39
4	A comprehensive analysis of extrusion behavior, microstructural evolution, and mechanical properties of 6063 Al <sup>3+</sup> /B4C composites produced by semisolid stir casting. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 721, 28-37.	5.6	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.	4.8	22
6	pH-Responsive Saloplastics Based on Weak Polyelectrolytes: From Molecular Processes to Material Scale Properties. <i>Macromolecules</i> , 2018, 51, 4424-4434.	4.8	15
7	Saloplastics as multiresponsive ion exchange reservoirs and catalyst supports. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17713-17724.	10.3	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.	2.7	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.	6.1	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.	5.0	12
11	Amorphous Fe <sub>x</sub> Co <sub>1-x</sub> Wire-like Nanostructures Manufactured through Surfactant-Free Magnetic-Field-Induced Synthesis. <i>Crystal Growth and Design</i> , 2020, 20, 3208-3216.	3.0	7
12	Improvement of Cytocompatibility of Magnesium Alloy ZM21 by Surface Modification. , 2014, , 375-380.		0