

# Anita Olszã³wka-Myalska

## List of Publications by Year in descending order

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28  
papers

174  
citations

1307594

7  
h-index

1281871

11  
g-index

28  
all docs

28  
docs citations

28  
times ranked

136  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of reinforcement distribution in Al/(Al <sub>2</sub> O <sub>3</sub> ) <sub>p</sub> composites obtained from composite powder. <i>Materials Characterization</i> , 2001, 46, 189-195.	4.4	30
2	The influence of tungsten carbide contamination from the milling process on PCD materials oxidation. <i>International Journal of Refractory Metals and Hard Materials</i> , 2017, 64, 60-65.	3.8	17
3	Characterization of iron aluminides formed in situ in an aluminium matrix composite. <i>Materials Characterization</i> , 2006, 56, 379-383.	4.4	11
4	Microstructural Characteristics of an AZ91 Matrix-Glassy Carbon Particle Composite. <i>Advanced Engineering Materials</i> , 2010, 12, 609-616.	3.5	11
5	Microstructure of In Situ Mg Metal Matrix Composites Based on Silica Nanoparticles. <i>Solid State Phenomena</i> , 0, 191, 189-198.	0.3	10
6	Impact of the Morphology of Micro- and Nanosized Powder Mixtures on the Microstructure of Mg-Mg <sub>2</sub> Si-CNT Composite Sinters. <i>Materials</i> , 2019, 12, 3242.	2.9	10
7	Bonding effect of liquid magnesium with open-celled carbon foam in interpenetrating phase composite. <i>Journal of Magnesium and Alloys</i> , 2021, 9, 156-165.	11.9	9
8	Effect of Glassy Carbon Particles on Wear Resistance of AZ91E Matrix Composite. <i>Solid State Phenomena</i> , 0, 176, 127-138.	0.3	7
9	Influence of casting procedure on microstructure and properties of Mg alloy "glassy carbon particle composite. <i>International Journal of Materials Research</i> , 2015, 106, 741-749.	0.3	7
10	Some Physicochemical Phenomena Observed During Fabrication of Mg-C Cast Composites. <i>Journal of Materials Engineering and Performance</i> , 2016, 25, 3091-3097.	2.5	7
11	Magnesium Matrix Composite with Open-Celled Glassy Carbon Foam Obtained Using the Infiltration Method. <i>Metals</i> , 2019, 9, 622.	2.3	7
12	Microstructure of Nickel Aluminides Formed in Situ in Aluminium Matrix Composites. <i>Mikrochimica Acta</i> , 2004, 145, 133-137.	5.0	6
13	Magnesium Alloy AZ31 - Short Carbon Fiber Composite Obtained by Pressure Die Casting. <i>Solid State Phenomena</i> , 2015, 229, 115-122.	0.3	6
14	Effect of Magnesium Matrix Grain Refinement Induced by Plastic Deformation in a Composite with Short Carbon Fibers. <i>Metals</i> , 2019, 9, 724.	2.3	6
15	Influence of Al "Al <sub>2</sub> O <sub>3</sub> composite powder on the matrix microstructure in composite casts. <i>Materials Characterization</i> , 2002, 49, 165-169.	4.4	5
16	Microstructural analysis of iron aluminide formed by self-propagating high-temperature synthesis mechanism in aluminium matrix composite. <i>Journal of Microscopy</i> , 2006, 224, 1-3.	1.8	3
17	Microstructure of Mg-Ti-Al Composite Hot Pressed at Different Temperature. <i>Solid State Phenomena</i> , 0, 191, 199-207.	0.3	3
18	Application of Nanosilicon to the Sintering of Mg-Mg <sub>2</sub> Si Interpenetrating Phases Composite. <i>Materials</i> , 2021, 14, 7114.	2.9	3

#	ARTICLE	IF	CITATIONS
19	Effect of Magnesium Powder Application on the Microstructure and Properties of Rods Extruded by the Forward-Backward Rotating Die Extrusion Method. <i>Materials</i> , 2022, 15, 4094.	2.9	3
20	Interface of an Al-(Al <sub>2</sub> O <sub>3</sub> ) <sub>p</sub> Composite Modified with Nickel. <i>Mikrochimica Acta</i> , 2002, 139, 119-123.	5.0	2
21	The Impact of Diffusion Process on the Interface Microstructure in AZ91 Magnesium Matrix Composites Reinforced with TiN Nanolayer Modified Carbon Fibres. <i>Defect and Diffusion Forum</i> , 0, 312-315, 589-594.	0.4	2
22	Microstructure of Magnesium Alloy ZRE1 Glassy Carbon Composite Interface. <i>Solid State Phenomena</i> , 2013, 211, 109-114.	0.3	2
23	Impact of Carbon Foam Cell Sizes on the Microstructure and Properties of Pressure Infiltrated Magnesium Matrix Composites. <i>Materials</i> , 2020, 13, 5619.	2.9	2
24	Sintered in situ magnesium matrix composites. , 2016, , 504-505.	0.1	2
25	X-Ray Microtomography for 3D Microstructure Characterization of Magnesium Matrix Composite Reinforced with Glassy Carbon Particles. <i>Solid State Phenomena</i> , 2011, 176, 119-126.	0.3	1
26	Tribological Characteristics of the Magnesium Matrix-Glassy Carbon Particles Composite Manufactured by Different Casting Methods. <i>Conference Papers in Science</i> , 2015, 2015, 1-8.	0.3	1
27	Study of Interaction between Liquid Magnesium Alloy and Glassy Carbon Particles. <i>Solid State Phenomena</i> , 0, 227, 178-181.	0.3	1
28	Tribological Properties of <i>In Situ</i> Composite Obtained from Sintered Mg-Ti-Al Powder Mixture. <i>Solid State Phenomena</i> , 0, 246, 163-170.	0.3	0