

# Dorota Moszczyńska

## List of Publications by Year in descending order

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15  
papers

336  
citations

1307594

7  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of interfacial Cr <sub>3</sub> C <sub>2</sub> carbide layer via optimization of sintering parameters used to fabricate copper/diamond composites for thermal management applications. <i>Materials and Design</i> , 2017, 120, 170-185.	7.0	103
2	Multilayered stable 2D nano-sheets of Ti <sub>2</sub> N <sub>Tx</sub> MXene: synthesis, characterization, and anticancer activity. <i>Journal of Nanobiotechnology</i> , 2019, 17, 114.	9.1	63
3	Biological Activity and Bio-Sorption Properties of the Ti <sub>2</sub> C Studied by Means of Zeta Potential and SEM. <i>International Journal of Electrochemical Science</i> , 2017, 12, 2159-2172.	1.3	58
4	Juggling Surface Charges of 2D Niobium Carbide MXenes for a Reactive Oxygen Species Scavenging and Effective Targeting of the Malignant Melanoma Cell Cycle into Programmed Cell Death. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 7942-7951.	6.7	38
5	Tunable Antibacterial Activity of a Polypropylene Fabric Coated with Bristling Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene Flakes Coupling the Nanoblade Effect with ROS Generation. <i>ACS Applied Nano Materials</i> , 2022, 5, 5373-5386.	5.0	18
6	Hot Corrosion of Ti-Re Alloys Fabricated by Selective Laser Melting. <i>Oxidation of Metals</i> , 2018, 90, 83-96.	2.1	12
7	Influence of Different Types of Cemented Carbide Blades and Coating Thickness on Structure and Properties of TiN/AlTiN and TiAlN/a-C:N Coatings Deposited by PVD Techniques for Machining of Wood-Based Materials. <i>Materials</i> , 2021, 14, 2740.	2.9	8
8	The influence of sintering time on the microstructural properties of chromium-rhenium matrix composites. <i>International Journal of Refractory Metals and Hard Materials</i> , 2016, 59, 78-86.	3.8	7
9	Investigation of degradation mechanism of palladium-nickel wires during oxidation of ammonia. <i>Catalysis Today</i> , 2013, 208, 48-55.	4.4	6
10	Microstructure and Texture of Hydrostatic Extrusion Deformed Ni Single Crystals and Polycrystal. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-7.	1.8	6
11	Influence of hydrostatic extrusion process on the microstructure and texture of polycrystalline nickel. <i>Materials Science and Technology</i> , 2017, 33, 2046-2052.	1.6	6
12	Molding Binder Influence on the Porosity and Gas Permeability of Ceramic Casting Molds. <i>Materials</i> , 2020, 13, 2735.	2.9	5
13	Microstructure Evolution and Texture Development in a Cu-8.5%Al Material Subjected to Hydrostatic Extrusion. <i>Archives of Metallurgy and Materials</i> , 2016, 61, 933-936.	0.6	3
14	Microstructure and texture development in a polycrystal and different aluminium single crystals subjected to hydrostatic extrusion. <i>Bulletin of Materials Science</i> , 2019, 42, 1.	1.7	2
15	Bismuth and oxygen valencies and superconducting state properties in Ba <sub>1-x</sub> K <sub>x</sub> BiO <sub>3</sub> superconductor. <i>Physica B: Condensed Matter</i> , 2020, 591, 412226.	2.7	1