

Olaf Andersen

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradable open-porous scaffolds made of sintered magnesium W4 and WZ21 short fibres show biocompatibility in vitro and in long-term in vivo evaluation. <i>Acta Biomaterialia</i> , 2022, 148, 389-404.	4.1	10
2	Automated Filling of Dry Micron-Sized Particles into Micro Mold Pattern within Planar Substrates for the Fabrication of Powder-Based 3D Microstructures. <i>Micromachines</i> , 2021, 12, 1176.	1.4	9
3	Strongly Orthotropic Open Cell Porous Metal Structures for Heat Transfer Applications. <i>Metals</i> , 2018, 8, 554.	1.0	13
4	Thermal energy storage with phase change materials to increase the efficiency of solar photovoltaic modules. <i>Energy Procedia</i> , 2017, 135, 193-202.	1.8	43
5	Experimental and Numerical Evaluation of the Mechanical Behavior of Strongly Anisotropic Light-Weight Metallic Fiber Structures under Static and Dynamic Compressive Loading. <i>Materials</i> , 2016, 9, 398.	1.3	7
6	A New Adsorbent Composite Material Based on Metal Fiber Technology and Its Application in Adsorption Heat Exchangers. <i>Energies</i> , 2015, 8, 8431-8446.	1.6	43
7	Highly Porous Magnesium Alloy Structures and Their Properties Regarding Degradable Implant Application. <i>Advanced Engineering Materials</i> , 2014, 16, 309-318.	1.6	18
8	Metallic short fibers for liquid-phase oxidation reactions. <i>Journal of Molecular Catalysis A</i> , 2011, 335, 228-235.	4.8	6
9	Tailored Magnetic Fields in the Melt Extraction of Metallic Filaments. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2009, 40, 337-344.	1.0	1
10	New multifunctional lightweight materials based on cellular metals – manufacturing, properties and applications. <i>Journal of Physics: Conference Series</i> , 2009, 165, 012061.	0.3	10
11	Heat Transfer and Fluid Flow in Sintered Metallic Fiber Structures. <i>Materials Science Forum</i> , 0, 638-642, 1884-1889.	0.3	6