

Marek Kostecki

List of Publications by Year in descending order

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24
papers

400
citations

933447

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docs citations

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times ranked

514
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling and Characterisation of Residual Stress of SiC-Ti3C2Tx MXene Composites Sintered via Spark Plasma Sintering Method. <i>Materials</i> , 2022, 15, 1175.	2.9	1
2	Investigation of MXenes Oxidation Process during SPS Method Annealing. <i>Materials</i> , 2021, 14, 6011.	2.9	6
3	Mechanical properties and tribological performance of alumina matrix composites reinforced with graphene-family materials. <i>Ceramics International</i> , 2020, 46, 7170-7177.	4.8	13
4	The effect of plastic deformation on mechanical properties of aluminium matrix composites reinforced with 2D crystals. <i>International Journal of Materials Research</i> , 2020, 111, 632-638.	0.3	0
5	The effect of microstructure evolution on mechanical properties in novel alumina-montmorillonite composites. <i>International Journal of Refractory Metals and Hard Materials</i> , 2019, 80, 195-203.	3.8	6
6	Thermal properties of multilayer graphene and hBN reinforced copper matrix composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 3873-3883.	3.6	8
7	Closed Die Upsetting of Aluminum Matrix Composites Reinforced with Molybdenum Disulfide Nanocrystals and Multilayer Graphene, Implemented using the SPS Process”Microstructure Evolution. <i>Materials</i> , 2018, 11, 994.	2.9	5
8	Mechanical properties of graphene oxide reinforced alumina matrix composites. <i>Ceramics International</i> , 2017, 43, 6180-6186.	4.8	55
9	Self-lubricating aluminium matrix composites reinforced with 2D crystals. <i>Composites Part B: Engineering</i> , 2017, 111, 1-9.	12.0	51
10	Tribological Properties of Aluminium Alloy Composites Reinforced with Multi-Layer Graphene”The Influence of Spark Plasma Texturing Process. <i>Materials</i> , 2017, 10, 928.	2.9	22
11	Influence of graphene addition and sintering temperature on physical properties of Si ₃ N ₄ matrix composites. <i>International Journal of Refractory Metals and Hard Materials</i> , 2016, 57, 19-23.	3.8	29
12	Structural and mechanical aspects of multilayer graphene addition in alumina matrix composites”validation of computer simulation model. <i>Journal of the European Ceramic Society</i> , 2016, 36, 4171-4179.	5.7	30
13	Preparation and mechanical properties of alumina composites reinforced with nickel-coated graphene. <i>Ceramics International</i> , 2016, 42, 8597-8603.	4.8	22
14	Peculiar Role of the Metallic States on the Nano”M”S” ₂ Ceramic Particle Surface in Antimicrobial and Antifungal Activity. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, 885-890.	2.1	18
15	Properties of Alumina ” Graphene Oxide Composites. <i>Materials Today: Proceedings</i> , 2015, 2, 370-375.	1.8	11
16	Ceramic cores for turbine blades via injection moulding. <i>Journal of Materials Processing Technology</i> , 2015, 220, 107-112.	6.3	79
17	Properties of Alumina Matrix Composites Reinforced with Nickel-coated Graphene. <i>Materials Today: Proceedings</i> , 2015, 2, 376-382.	1.8	11
18	Influence of cooling condition on properties of extruded aluminum alloy matrix composites. <i>Composites Part B: Engineering</i> , 2015, 77, 100-104.	12.0	6

#	ARTICLE	IF	CITATIONS
19	Influence of Milling Media on Mechanically Exfoliated MoS ₂ . Nanomaterials and Nanotechnology, 2014, 4, 32.	3.0	8
20	Liquid exfoliation – new low-temperature method of nanotechnology. Materials Science-Poland, 2013, 31, 165-172.	1.0	8
21	Thermal Properties of Zirconium Oxide-Based Ceramic Targets Modified with Oxides of Rare Earth Elements. Defect and Diffusion Forum, 2011, 312-315, 676-681.	0.4	3
22	Zirconium – Based Ceramic Targets for Producing Nanocrystalline Coatings Resistant to Heat and Thermal Creep. Journal of Nano Research, 2010, 11, 89-94.	0.8	3
23	Novel application of the magnetostrictive delay lines for real-time monitoring of the ceramic components. Journal of Magnetism and Magnetic Materials, 2008, 320, e971-e973.	2.3	5
24	Measurements of Strain in Ceramic Components Using Magnetostrictive Delay Line. Solid State Phenomena, 0, 154, 29-33.	0.3	0