Marek Kostecki

List of Publications by Year
in descending order

24 papers	400 citations	933447 10 h-index	752698 20 g-index
24 all docs	24 docs citations	24 times ranked	514 citing authors

#	Article	IF	Citations
1	Ceramic cores for turbine blades via injection moulding. Journal of Materials Processing Technology, 2015, 220, 107-112.	6.3	79
2	Mechanical properties of graphene oxide reinforced alumina matrix composites. Ceramics International, 2017, 43, 6180-6186.	4.8	55
3	Self-lubricating aluminium matrix composites reinforced with 2D crystals. Composites Part B: Engineering, 2017, 111, 1-9.	12.0	51
4	Structural and mechanical aspects of multilayer graphene addition in alumina matrix compositesâ€“validation of computer simulation model. Journal of the European Ceramic Society, 2016, 36, 4171-4179.	5.7	30
5	Influence of graphene addition and sintering temperature on physical properties of Si 3 N 4 matrix composites. International Journal of Refractory Metals and Hard Materials, 2016, 57, 19-23.	3.8	29
6	Preparation and mechanical properties of alumina composites reinforced with nickel-coated graphene. Ceramics International, 2016, 42, 8597-8603.	4.8	22
7	Tribological Properties of Aluminium Alloy Composites Reinforced with Multi-Layer Grapheneâ€”The Influence of Spark Plasma Texturing Process. Materials, 2017, 10, 928.	2.9	22
8	Peculiar Role of the Metallic States on the Nanoâ€<scp>M</scp>o<scp>S</scp>₂ Ceramic Particle Surface in Antimicrobial and Antifungal Activity. International Journal of Applied Ceramic Technology, 2015, 12, 885-890.	2.1	18
9	Mechanical properties and tribological performance of alumina matrix composites reinforced with graphene-family materials. Ceramics International, 2020, 46, 7170-7177.	4.8	13
10	Properties of Alumina â€“ Graphene Oxide Composites. Materials Today: Proceedings, 2015, 2, 370-375.	1.8	11
11	Properties of Alumina Matrix Composites Reinforced with Nickel-coated Graphene. Materials Today: Proceedings, 2015, 2, 376-382.	1.8	11
12	Liquid exfoliation â€” new low-temperature method of nanotechnology. Materials Science-Poland, 2013, 31, 165-172.	1.0	8
13	Influence of Milling Media on Mechanically Exfoliated MoS₂. Nanomaterials and Nanotechnology, 2014, 4, 32.	3.0	8
14	Thermal properties of multilayer graphene and hBN reinforced copper matrix composites. Journal of Thermal Analysis and Calorimetry, 2019, 138, 3873-3883.	3.6	8
15	Influence of cooling condition on properties of extruded aluminum alloy matrix composites. Composites Part B: Engineering, 2015, 77, 100-104.	12.0	6
16	The effect of microstructure evolution on mechanical properties in novel alumina-montmorillonite composites. International Journal of Refractory Metals and Hard Materials, 2019, 80, 195-203.	3.8	6
17	Investigation of MXenes Oxidation Process during SPS Method Annealing. Materials, 2021, 14, 6011.	2.9	6
18	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

#	Article	IF	Citations
19	Closed Die Upsetting of Aluminum Matrix Composites Reinforced with Molybdenum Disulfide Nanocrystals and Multilayer Graphene, Implemented using the SPS Processâ€"Microstructure Evolution. Materials, 2018, 11, 994.	2.9	5
20	Zirconium â€“ Based Ceramic Targets for Producing Nanocrystalline Coatings Resistant to Heat and Thermal Creep. Journal of Nano Research, 2010, 11, 89-94.	0.8	3
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	Modelling and Characterisation of Residual Stress of SiC-Ti3C2Tx MXene Composites Sintered via Spark Plasma Sintering Method. Materials, 2022, 15, 1175.	2.9	1
23	Measurements of Strain in Ceramic Components Using Magnetostrictive Delay Line. Solid State Phenomena, 0, 154, 29-33.	0.3	0
24	The effect of plastic deformation on mechanical properties of aluminium matrix composites reinforced with 2D crystals. International Journal of Materials Research, 2020, 111, 632-638.	0.3	0