Milan ParchovianskÃ½

List of Publications by Year
in descending order

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25	420	933447 10	752698 20
papers	citations	h-index	g-index

26	26	26	400
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanical properties and electrical conductivity of alumina/MWCNT and alumina/zirconia/MWCNT composites. Ceramics International, 2014, 40, 1289-1295.	4.8	80
2	Microstructure and mechanical properties of hot pressed Al2O3/SiC nanocomposites. Journal of the European Ceramic Society, 2013, 33, 2291-2298.	5.7	56
3	Thermal behavior, electrical conductivity and microstructure of hot pressed Al2O3/SiC nanocomposites. Ceramics International, 2014, 40, 14421-14429.	4.8	44
4	Si 3 N 4 /graphene nanocomposites for tribological application in aqueous environments prepared by attritor milling and hot pressing. Journal of the European Ceramic Society, 2017, 37, 3797-3804.	5.7	39
5	Mechanical properties and sliding wear behaviour of Al2O3-SiC nanocomposites with 3â€“20 vol% SiC. Journal of the European Ceramic Society, 2017, 37, 4297-4306.	5.7	35
6	Effect of the volume fraction of SiC on the microstructure and creep behavior of hot pressed Al2O3/SiC composites. Ceramics International, 2014, 40, 1807-1814.	4.8	26
7	CORROSION AND OXIDATION BEHAVIOR OF POLYMER DERIVED CERAMIC COATINGS WITH PASSIVE GLASS FILLERS ON AISI441 STAINLESS STEEL. Ceramics - Silikaty, 2018, , 146-157.	0.3	21
8	Synthesis and characterization of yttrium and ytterbium silicates from their oxides and an oligosilazane by the PDC route for coating applications to protect Si3N4 in hot gas environments. Journal of the European Ceramic Society, 2017, 37, 5177-5191.	5.7	17
9	PDC Glass/Ceramic Coatings Applied to Differently Pretreated AISI441 Stainless Steel Substrates. Materials, 2020, 13, 629.	2.9	14
10	Passive filler loaded polysilazaneâ€derived glass/ceramic coating system applied to AISI 441 stainless steel, part 1: Processing and characterization. International Journal of Applied Ceramic Technology, 2020, 17, 998-1009.	2.1	11
11	Y3Al5O12-Î±-Al2O3 composites with fine-grained microstructure by hot pressing of Al2O3-Y2O3 glass microspheres. Journal of the European Ceramic Society, 2020, 40, 852-860.	5.7	9
12	Y2O3â€“Al2O3 microsphere crystallization analyzed by electron backscatter diffraction (EBSD). Scientific Reports, 2020, 10, 11122.	3.3	9
13	Passive filler loaded polysilazaneâ€derived glass/ceramic coating system applied to AISI 441 stainless steel, part 2: Oxidation behavior in synthetic air. International Journal of Applied Ceramic Technology, 2020, 17, 1675-1687.	2.1	8
14	High-Temperature Oxidation Resistance of PDC Coatings in Synthetic Air and Water Vapor Atmospheres. Molecules, 2021, 26, 2388.	3.8	8
15	Viscous flow spark plasma sintering of glass microspheres with YAG composition and high tendency to crystallization. Journal of the European Ceramic Society, 2021, 41, 1537-1542.	5.7	6
16	Hydrothermal Corrosion of Double Layer Glass/Ceramic Coatings Obtained from Preceramic Polymers. Materials, 2021, 14, 7777.	2.9	5
17	Phase Evaluation, Mechanical Properties and Thermal Behavior of Hot-Pressed LC-YSZ Composites for TBC Applications. Materials, 2022, 15, 2839.	2.9	5
18	Al 2 O 3 -SiC nanocomposites. , 2018, , 49-92.		4

#	Article	IF	Citations
19	Hindering the Kinetic Selection of Dendritic Ba-Fresnoite by Phase Separation in a Glass of the Near-Eutectic Composition Ba2TiSi2O8â€“2.625SiO2. Crystal Growth and Design, 2019, 19, 3559-3566.	3.0	4
20	Synthesis and Characterization of Fluorite-Type La2Ce2O7 Plasma Sprayable Powder for TBCs Application. Materials, 2022, 15, 4007.	2.9	4
21	Lowâ€alkali borosilicate glass microspheres from waste cullet prepared by flame synthesis. International Journal of Applied Glass Science, 2021, 12, 562-569.	2.0	3
22	Thermal behaviour and photoluminescence properties of Er- and Nd-doped yttrium aluminate glasses. Journal of Thermal Analysis and Calorimetry, 2020, 142, 129-138.	3.6	2
23	Glassâ€ceramic Ce³⁺â€doped YAGâ€Al₂O₃ composites prepared by sintering of glass microspheres. International Journal of Applied Glass Science, 2021, 12, 497-508.	2.0	1
24	Pressure assisted sintering of Al2O3â€“Y2O3 glass microspheres: sintering conditions, grain size, and mechanical properties of sintered ceramics. Pure and Applied Chemistry, 2021, .	1.9	1
25	Morphology and magnetic properties of aluminate glass microspheres with gehlenite matrix doped with Bi, Ni and Cr. , 2017, , .		0