

Milan ParchovianskÃ½

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

420
citations

933447

10
h-index

752698

20
g-index

26
all docs

26
docs citations

26
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase Evaluation, Mechanical Properties and Thermal Behavior of Hot-Pressed LC-YSZ Composites for TBC Applications. <i>Materials</i> , 2022, 15, 2839.	2.9	5
2	Synthesis and Characterization of Fluorite-Type La ₂ Ce ₂ O ₇ Plasma Sprayable Powder for TBCs Application. <i>Materials</i> , 2022, 15, 4007.	2.9	4
3	Viscous flow spark plasma sintering of glass microspheres with YAG composition and high tendency to crystallization. <i>Journal of the European Ceramic Society</i> , 2021, 41, 1537-1542.	5.7	6
4	High-Temperature Oxidation Resistance of PDC Coatings in Synthetic Air and Water Vapor Atmospheres. <i>Molecules</i> , 2021, 26, 2388.	3.8	8
5	Glass-ceramic Ce ³⁺ -doped YAG-Al ₂ O ₃ composites prepared by sintering of glass microspheres. <i>International Journal of Applied Glass Science</i> , 2021, 12, 497-508.	2.0	1
6	Low-alkali borosilicate glass microspheres from waste cullet prepared by flame synthesis. <i>International Journal of Applied Glass Science</i> , 2021, 12, 562-569.	2.0	3
7	Pressure assisted sintering of Al ₂ O ₃ -Y ₂ O ₃ glass microspheres: sintering conditions, grain size, and mechanical properties of sintered ceramics. <i>Pure and Applied Chemistry</i> , 2021, .	1.9	1
8	Hydrothermal Corrosion of Double Layer Glass/Ceramic Coatings Obtained from Pre-ceramic Polymers. <i>Materials</i> , 2021, 14, 7777.	2.9	5
9	Y ₃ Al ₅ O ₁₂ -Al ₂ O ₃ composites with fine-grained microstructure by hot pressing of Al ₂ O ₃ -Y ₂ O ₃ glass microspheres. <i>Journal of the European Ceramic Society</i> , 2020, 40, 852-860.	5.7	9
10	Passive filler loaded polysilazane-derived glass/ceramic coating system applied to AISI 441 stainless steel, part 1: Processing and characterization. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 998-1009.	2.1	11
11	Passive filler loaded polysilazane-derived glass/ceramic coating system applied to AISI 441 stainless steel, part 2: Oxidation behavior in synthetic air. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 1675-1687.	2.1	8
12	Y ₂ O ₃ -Al ₂ O ₃ microsphere crystallization analyzed by electron backscatter diffraction (EBSD). <i>Scientific Reports</i> , 2020, 10, 11122.	3.3	9
13	PDC Glass/Ceramic Coatings Applied to Differently Pretreated AISI441 Stainless Steel Substrates. <i>Materials</i> , 2020, 13, 629.	2.9	14
14	Thermal behaviour and photoluminescence properties of Er- and Nd-doped yttrium aluminate glasses. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 129-138.	3.6	2
15	Hindering the Kinetic Selection of Dendritic Ba-Fresnoite by Phase Separation in a Glass of the Near-Eutectic Composition Ba ₂ TiSi ₂ O ₈ ·2.625SiO ₂ . <i>Crystal Growth and Design</i> , 2019, 19, 3559-3566.	3.0	4
16	Al ₂ O ₃ -SiC nanocomposites. , 2018, , 49-92.		4
17	CORROSION AND OXIDATION BEHAVIOR OF POLYMER DERIVED CERAMIC COATINGS WITH PASSIVE GLASS FILLERS ON AISI441 STAINLESS STEEL. <i>Ceramics - Silikaty</i> , 2018, , 146-157.	0.3	21
18	Synthesis and characterization of yttrium and ytterbium silicates from their oxides and an oligosilazane by the PDC route for coating applications to protect Si ₃ N ₄ in hot gas environments. <i>Journal of the European Ceramic Society</i> , 2017, 37, 5177-5191.	5.7	17

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19	Mechanical properties and sliding wear behaviour of Al ₂ O ₃ -SiC nanocomposites with 3â€“20 vol% SiC. Journal of the European Ceramic Society, 2017, 37, 4297-4306.	5.7	35
20	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
21	Morphology and magnetic properties of aluminate glass microspheres with gehlenite matrix doped with Bi, Ni and Cr. , 2017, , .		0
22	Effect of the volume fraction of SiC on the microstructure and creep behavior of hot pressed Al ₂ O ₃ /SiC composites. Ceramics International, 2014, 40, 1807-1814.	4.8	26
23	Mechanical properties and electrical conductivity of alumina/MWCNT and alumina/zirconia/MWCNT composites. Ceramics International, 2014, 40, 1289-1295.	4.8	80
24	Thermal behavior, electrical conductivity and microstructure of hot pressed Al ₂ O ₃ /SiC nanocomposites. Ceramics International, 2014, 40, 14421-14429.	4.8	44
25	Microstructure and mechanical properties of hot pressed Al ₂ O ₃ /SiC nanocomposites. Journal of the European Ceramic Society, 2013, 33, 2291-2298.	5.7	56