

Marta MikuÅkiewicz

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Si influence on the microstructure and oxidation resistance of Ti-Al slurry coatings on Ti-48Al-2Cr-2Nb alloy. <i>Materials Research Bulletin</i> , 2021, 141, 111336.	5.2	9
2	Oxidation Behavior of the Monolayered La ₂ Zr ₂ O ₇ , Composite La ₂ Zr ₂ O ₇ + 8YSZ, and Double-Ceramic Layered La ₂ Zr ₂ O ₇ /La ₂ Zr ₂ O ₇ + 8YSZ/8YSZ Thermal Barrier Coatings. <i>Materials</i> , 2020, 13, 3242.	2.9	8
3	Atypical decomposition processes of Sm ₂ Zr ₂ O ₇ + 8YSZ dual-phase TBCs during hot corrosion. <i>Corrosion Science</i> , 2020, 170, 108681.	6.6	14
4	Thermal resistance determination of Sm ₂ Zr ₂ O ₇ +8YSZ composite type of TBC. <i>Applied Surface Science</i> , 2020, 515, 145998.	6.1	12
5	Thermal diffusivity measurement of ceramic materials used in spraying of TBC systems. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 4261-4269.	3.6	8
6	Thermal diffusivity characterization of europium zirconate, cerate and hafnate. <i>Ceramics International</i> , 2019, 45, 2760-2770.	4.8	9
7	Degradation of La ₂ Zr ₂ O ₇ +8YSZ composite TBC systems during oxidation at temperature of 1100Å°C. <i>Ochrona Przed Korozja</i> , 2019, 1, 4-8.	0.1	1
8	Thermogravimetric investigations of new Î³-Î³ cobalt-based superalloys. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 119-125.	3.6	3
9	Synthesis and thermal properties of zirconate, hafnate and cerate of samarium. <i>Surface and Coatings Technology</i> , 2018, 354, 66-75.	4.8	23
10	Thermal parameters determination of Co-Al-W as-cast alloy homogenization by DTA analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 157-164.	3.6	3
11	Degradation of La ₂ Zr ₂ O ₇ thermal barrier coatings. <i>Ochrona Przed Korozja</i> , 2018, 1, 17-20.	0.1	0
12	Synthesis and Characterization of Thermal Properties of Type Eu ₂ O ₃ -ZrO ₂ Sinters. <i>Archives of Metallurgy and Materials</i> , 2016, 61, 1121-1128.	0.6	2
13	Calorimetric study of Eu ₂ O ₃ â€ZrO ₂ feedstock powders and sintered materials. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 126, 1015-1021.	3.6	1
14	Synthesis and Thermal Properties of Cerium-Dysprosium Oxide. <i>Archives of Metallurgy and Materials</i> , 2016, 61, 965-969.	0.6	2
15	XRD Study of Eu ₂ O ₃ -ZrO ₂ Feedstock Powders and Sintered Materials. <i>Acta Physica Polonica A</i> , 2016, 130, 866-868.	0.5	0
16	Microstructural Characterization of Silicide Coatings on Mo and TZM Alloy. <i>Advanced Materials Research</i> , 2014, 1036, 164-167.	0.3	2
17	Effect of high energy milling on the formation and properties of sialon ceramics prepared from silicon nitride-aluminium nitride precursors. <i>Ceramics International</i> , 2013, 39, 4269-4279.	4.8	10
18	Microstructure and Electrical Properties of Nano- and Micro-Sized Powders of Y ₂ O ₃ Type. <i>Solid State Phenomena</i> , 2013, 203-204, 323-326.	0.3	0

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19	Study of Phase Transformation in Alloys of the Al-Fe System. Defect and Diffusion Forum, 2012, 326-328, 573-577.	0.4	7
20	Qualitative and quantitative description of microstructure of alloys from the Fe-Al system. IOP Conference Series: Materials Science and Engineering, 2012, 35, 012009.	0.6	0
21	Influence of planetary milling parameters on the properties of the activated silicon and aluminium nitride powders. IOP Conference Series: Materials Science and Engineering, 2011, 22, 012021.	0.6	1
22	Corrosion Resistance of Alumina-Sialon Refractories for Application in Aluminium Industry. Materials Science Forum, 2010, 636-637, 142-148.	0.3	1
23	The effect of mechanical activation on the properties of $\hat{\text{I}}^2$ -sialon precursors. Journal of the European Ceramic Society, 2008, 28, 279-288.	5.7	34
24	Microstructure and Thermal Conductivity Characteristics of $\text{Sm}_{2-x}\text{Zr}_2\text{O}_{7-8x}\text{YSZ}$ Type TBCs. Defect and Diffusion Forum, 0, 336, 91-96.	0.4	0
25	Synthesis and Thermal Characterization of Dysprosium Zirconate. Solid State Phenomena, 0, 223, 54-61.	0.3	3