

Marta MikuÅkiewicz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3261303/publications.pdf>

Version: 2024-02-01

25
papers

154
citations

1307594

7
h-index

1199594

12
g-index

29
all docs

29
docs citations

29
times ranked

158
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of mechanical activation on the properties of \hat{I}^2 -sialon precursors. Journal of the European Ceramic Society, 2008, 28, 279-288.	5.7	34
2	Synthesis and thermal properties of zirconate, hafnate and cerate of samarium. Surface and Coatings Technology, 2018, 354, 66-75.	4.8	23
3	Atypical decomposition processes of $\text{Sm}_2\text{Zr}_2\text{O}_7 + 8\text{YSZ}$ dual-phase TBCs during hot corrosion. Corrosion Science, 2020, 170, 108681.	6.6	14
4	Thermal resistance determination of $\text{Sm}_2\text{Zr}_2\text{O}_7 + 8\text{YSZ}$ composite type of TBC. Applied Surface Science, 2020, 515, 145998.	6.1	12
5	Effect of high energy milling on the formation and properties of sialon ceramics prepared from silicon nitride-aluminium nitride precursors. Ceramics International, 2013, 39, 4269-4279.	4.8	10
6	Thermal diffusivity characterization of europium zirconate, cerate and hafnate. Ceramics International, 2019, 45, 2760-2770.	4.8	9
7	The Si influence on the microstructure and oxidation resistance of Ti-Al slurry coatings on Ti-48Al-2Cr-2Nb alloy. Materials Research Bulletin, 2021, 141, 111336.	5.2	9
8	Thermal diffusivity measurement of ceramic materials used in spraying of TBC systems. Journal of Thermal Analysis and Calorimetry, 2019, 138, 4261-4269.	3.6	8
9	Oxidation Behavior of the Monolayered $\text{La}_2\text{Zr}_2\text{O}_7$, Composite $\text{La}_2\text{Zr}_2\text{O}_7 + 8\text{YSZ}$, and Double-Ceramic Layered $\text{La}_2\text{Zr}_2\text{O}_7/\text{La}_2\text{Zr}_2\text{O}_7 + 8\text{YSZ}/8\text{YSZ}$ Thermal Barrier Coatings. Materials, 2020, 13, 3242.	2.9	8
10	Study of Phase Transformation in Alloys of the Al-Fe System. Defect and Diffusion Forum, 2012, 326-328, 573-577.	0.4	7
11	Synthesis and Thermal Characterization of Dysprosium Zirconate. Solid State Phenomena, 0, 223, 54-61.	0.3	3
12	Thermogravimetric investigations of new \hat{I}^3 - \hat{I}^3 cobalt-based superalloys. Journal of Thermal Analysis and Calorimetry, 2018, 134, 119-125.	3.6	3
13	Thermal parameters determination of Co-Al-W as-cast alloy homogenization by DTA analysis. Journal of Thermal Analysis and Calorimetry, 2018, 134, 157-164.	3.6	3
14	Microstructural Characterization of Silicide Coatings on Mo and TZM Alloy. Advanced Materials Research, 2014, 1036, 164-167.	0.3	2
15	Synthesis and Characterization of Thermal Properties of Type $\text{Eu}_2\text{O}_3\text{-ZrO}_2$ Sinters. Archives of Metallurgy and Materials, 2016, 61, 1121-1128.	0.6	2
16	Synthesis and Thermal Properties of Cerium-Dysprosium Oxide. Archives of Metallurgy and Materials, 2016, 61, 965-969.	0.6	2
17	Corrosion Resistance of Alumina-Sialon Refractories for Application in Aluminium Industry. Materials Science Forum, 2010, 636-637, 142-148.	0.3	1
18	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

#	ARTICLE	IF	CITATIONS
19	Calorimetric study of $\text{Eu}_2\text{O}_3\text{-ZrO}_2$ feedstock powders and sintered materials. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 126, 1015-1021.	3.6	1
20	Degradation of $\text{La}_2\text{Zr}_2\text{O}_7\text{+8YSZ}$ composite TBC systems during oxidation at temperature of 1100°C . <i>Ochrona Przed Korozja</i> , 2019, 1, 4-8.	0.1	1
21	Qualitative and quantitative description of microstructure of alloys from the Fe-Al system. <i>IOP Conference Series: Materials Science and Engineering</i> , 2012, 35, 012009.	0.6	0
22	Microstructure and Thermal Conductivity Characteristics of $\text{Sm}_{0.2}\text{Zr}_{0.2}\text{O}_{0.7}\text{+8YSZ}$ Type TBCs. <i>Defect and Diffusion Forum</i> , 0, 336, 91-96.	0.4	0
23	Microstructure and Electrical Properties of Nano- and Micro-Sized Powders of Y_2O_3 Type. <i>Solid State Phenomena</i> , 2013, 203-204, 323-326.	0.3	0
24	XRD Study of $\text{Eu}_2\text{O}_3\text{-ZrO}_2$ Feedstock Powders and Sintered Materials. <i>Acta Physica Polonica A</i> , 2016, 130, 866-868.	0.5	0
25	Degradation of $\text{La}_2\text{Zr}_2\text{O}_7$ thermal barrier coatings. <i>Ochrona Przed Korozja</i> , 2018, 1, 17-20.	0.1	0