

Maciej Bik

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Polymer Derived Ceramics based on SiAlOC glasses as novel protective coatings for ferritic steel. Applied Surface Science, 2022, 576, 151826.	3.1	9
2	Effectiveness of a dual surface modification of metallic interconnects for application in energy conversion devices. International Journal of Hydrogen Energy, 2022, 47, 6295-6311.	3.8	13
3	Structural, thermal and dielectric properties of Ba _{1-x} Sr _x TiO ₃ ceramics (x=0, 0.1 and 0.2). Phase Transitions, 2022, 95, 156-162.	0.6	0
4	Electrochemical characterization of anti-corrosion coatings formed on 6061 aluminum alloy by plasma electrolytic oxidation in the corrosion inhibitor-enriched aqueous solutions. Electrochimica Acta, 2022, 424, 140652.	2.6	10
5	Structural studies on the low-melting boron frits modified with bismuth (III) oxide. Journal of Molecular Structure, 2021, 1223, 128979.	1.8	4
6	Modification of SiOC-based layers with cerium ions - influence on the structure, microstructure and corrosion resistance. Applied Surface Science, 2021, 543, 148871.	3.1	13
7	In-situ XRD investigations of FeAl intermetallic phase-based alloy oxidation. Corrosion Science, 2020, 164, 108344.	3.0	13
8	Electric properties of Mn-substituted Na _{0.5} Bi _{0.5} TiO ₃ ceramics in unpoled and poled states. Phase Transitions, 2020, 93, 1114-1122.	0.6	1
9	Investigation of the structure in oxyfluoride TeO ₂ -P ₂ O ₅ based glasses with the various BaF ₂ content. Journal of Molecular Structure, 2020, 1217, 128452.	1.8	5
10	Polysiloxane-Multiwalled Carbon Nanotube Layers on Steel Substrate: Microstructural, Structural and Electrochemical Studies. Journal of the Electrochemical Society, 2019, 166, D707-D717.	1.3	8
11	Optimization of the formation of coatings based on SiAlOC glasses via structural, microstructural and electrochemical studies. Electrochimica Acta, 2019, 309, 44-56.	2.6	14
12	Studies on the oxidation resistance of SiOC glasses coated TiAl alloy. Intermetallics, 2019, 105, 29-38.	1.8	25
13	SiAlOC glasses derived from sol-gel synthesized ladder-like silsesquioxanes. Ceramics International, 2019, 45, 1683-1690.	2.3	23
14	Protective-conducting coatings based on black glasses (SiOC) for application in Solid Oxide Fuel Cells. International Journal of Hydrogen Energy, 2017, 42, 27298-27307.	3.8	23
15	Free carbon phase in SiOC glasses derived from ladder-like silsesquioxanes. Journal of Molecular Structure, 2016, 1126, 172-176.	1.8	50
16	Effect of additives on the reactive sintering of Ti ₄ C composites consolidated by hot pressing and pressureless sintering. Advanced Engineering Materials, 0, , .	1.6	1
17	Effects of Sr dopant and electric field poling on structural, thermal and dielectric properties of Ba _{1-x} Sr _x TiO ₃ ceramics (x=0, 0.3, 0.4 and 0.5). Phase Transitions, 0, , 1-10.	0.5	1