

Maciej Bik

List of Publications by Year in descending order

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17
papers

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docs citations

17
times ranked

173
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Free carbon phase in SiOC glasses derived from ladder-like silsesquioxanes. Journal of Molecular Structure, 2016, 1126, 172-176. | 1.8 | 50 |
| 2 | Studies on the oxidation resistance of SiOC glasses coated TiAl alloy. Intermetallics, 2019, 105, 29-38. | 1.8 | 25 |
| 3 | 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 |
| 4 | SiAlOC glasses derived from sol-gel synthesized ladder-like silsesquioxanes. Ceramics International, 2019, 45, 1683-1690. | 2.3 | 23 |
| 5 | 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 |
| 6 | In-situ XRD investigations of FeAl intermetallic phase-based alloy oxidation. Corrosion Science, 2020, 164, 108344. | 3.0 | 13 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Polymer Derived Ceramics based on SiAlOC glasses as novel protective coatings for ferritic steel. Applied Surface Science, 2022, 576, 151826. | 3.1 | 9 |
| 11 | 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 |
| 12 | Investigation of the structure in oxyfluoride $\text{TeO}_2\text{-P}_2\text{O}_5$ based glasses with the various BaF_2 content. Journal of Molecular Structure, 2020, 1217, 128452. | 1.8 | 5 |
| 13 | Structural studies on the low-melting boron frits modified with bismuth (III) oxide. Journal of Molecular Structure, 2021, 1223, 128979. | 1.8 | 4 |
| 14 | Electric properties of Mn-substituted $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$ ceramics in unpoled and poled states. Phase Transitions, 2020, 93, 1114-1122. | 0.6 | 1 |
| 15 | Effect of additives on the reactive sintering of TiB_4/C composites consolidated by hot-pressing and pressureless sintering. Advanced Engineering Materials, 0, , . | 1.6 | 1 |
| 16 | Effects of Sr dopant and electric field poling on structural, thermal and dielectric properties of $\text{Ba}_{1-x}\text{Sr}_x\text{TiO}_3$ ceramics ($x=0, 0.3, 0.4$ and 0.5). Phase Transitions, 0, , 1-10. | 0.5 | 1 |
| 17 | Structural, thermal and dielectric properties of $\text{Ba}_{1-x}\text{Sr}_x\text{TiO}_3$ ceramics ($x=0, 0.1$ and 0.2). Phase Transitions, 2022, 95, 156-162. | 0.6 | 0 |