

Serdar Yilmaz

List of Publications by Year in descending order

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papers

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15
times ranked

146
citing authors

#	ARTICLE	IF	CITATIONS
1	Single step synthesis and heat effect on structure of new type nanostructured zirconia based solid electrolyte. Chemical Papers, 2022, 76, 1803-1814.	2.2	0
2	Synthesis and Characterization of Gadolinium-Doped Zirconia as a Potential Electrolyte for Solid Oxide Fuel Cells. Energies, 2022, 15, 2826.	3.1	5
3	Synthesis and structure analysis of new type Er and Yb doped bismuth oxide solid electrolytes. Chemical Papers, 2022, 76, 5513-5522.	2.2	1
4	Electrical and structural properties of new type Er and Yb doped bismuth oxide solid electrolytes synthesized by Pechini method. Journal of Electroceramics, 2021, 46, 83-92.	2.0	6
5	Synthesis and characterization of bismuth oxide ternary compounds for photocatalytic decolorization of BR 18. Materials Letters, 2020, 275, 128086.	2.6	5
6	Synthesis and microstructural characterization of λ -phase bismuth-based electroceramic systems by double-doping regime. International Journal of Applied Ceramic Technology, 2018, 15, 391-398.	2.1	3
7	Structure and conductivity characterization of new type ionic conductor stabilized bismuth oxide ternary systems. Chinese Journal of Physics, 2018, 56, 362-373.	3.9	9
8	Fabrication, characterization, and performance of Yb-DSB ternary compounds for IT- λ -SOFC applications. International Journal of Applied Ceramic Technology, 2017, 14, 550-561.	2.1	5
9	The Production and Characterization of Ytterbium-Stabilized Zirconia Films for SOFC Applications. International Journal of Applied Ceramic Technology, 2016, 13, 100-107.	2.1	11
10	The geometric resistivity correction factor for several geometrical samples. Journal of Semiconductors, 2015, 36, 082001.	3.7	22
11	Fabrication and Characterization of Dysprosium-Doped Bismuth Oxide Films for IT- λ -SOFCs via Slurry Spin Coating Technique. International Journal of Applied Ceramic Technology, 2015, 12, E152.	2.1	6
12	Electrical conductivity of the ionic conductor tetragonal $(\text{Bi}_2\text{O}_3)_{1-x}(\text{Eu}_2\text{O}_3)_x$. Ceramica, 2011, 57, 185-192.	0.8	32
13	Oxide ionic conductivity and crystallographic properties of tetragonal type Bi_2O_3 -based solid electrolyte doped with Ho_2O_3 . Materials Science and Technology, 2010, 26, 1239-1247.	1.6	6
14	Measurement and properties of the oxide ionic conductivity of λ -phase in the binary system of $(\text{Bi}_2\text{O}_3)_{1-x}(\text{Sm}_2\text{O}_3)_x$. Materials Chemistry and Physics, 2008, 112, 472-477.	4.0	35
15	System and Measurement of Oxygen Ionic Conductivity. Research Letters in Materials Science, 2007, 20	0.2	6