

Serdar Yilmaz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6717021/publications.pdf>

Version: 2024-02-01

15
papers

152
citations

1478505

6
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

146
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement and properties of the oxide ionic conductivity of $\hat{\Gamma}^2$ -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
2	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
3	The geometric resistivity correction factor for several geometrical samples. Journal of Semiconductors, 2015, 36, 082001.	3.7	22
4	The Production and Characterization of Ytterbium- $\hat{\Gamma}^2$ -Stabilized Zirconia Films for $\langle \text{sc} \rangle$ SOFC $\langle / \text{sc} \rangle$ Applications. International Journal of Applied Ceramic Technology, 2016, 13, 100-107.	2.1	11
5	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
6	Synthesis of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="E1" \rangle \langle \text{mml:mi} \rangle \hat{\Gamma}^2 \langle / \text{mml:mi} \rangle \langle / \text{mml:math} \rangle$ -Phase $(\text{Bi}_{2-x}\text{O}_{3-x})_{1-x}(\text{Dy}_2\text{O}_3)_x(0.01 \text{ Tj ETQq0 0 0 rgBT}$	0.2	6
7	System and Measurement of Oxygen Ionic Conductivity. Research Letters in Materials Science, 2007, Oxide ionic conductivity and crystallographic properties of tetragonal type $\text{Bi}_{2-x}\text{O}_{3-x}$ -based solid electrolyte doped with $\text{Ho}_{2-x}\text{O}_{3-x}$. Materials Science and Technology, 2010, 26, 1239-1247.	1.6	6
8	Fabrication and Characterization of Dysprosium- $\hat{\Gamma}^2$ -Doped Bismuth Oxide Films for $\langle \text{sc} \rangle$ IT $\langle / \text{sc} \rangle$ - $\langle \text{sc} \rangle$ SOFC $\langle / \text{sc} \rangle$ s via Slurry Spin Coating Technique. International Journal of Applied Ceramic Technology, 2015, 12, E152.	2.1	6
9	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
10	Fabrication, characterization, and performance of Yb- $\langle \text{sc} \rangle$ DSB $\langle / \text{sc} \rangle$ ternary compounds for $\langle \text{sc} \rangle$ IT $\langle / \text{sc} \rangle$ - $\langle \text{sc} \rangle$ SOFC $\langle / \text{sc} \rangle$ applications. International Journal of Applied Ceramic Technology, 2017, 14, 550-561.	2.1	5
11	Synthesis and characterization of bismuth oxide ternary compounds for photocatalytic decolorization of BR 18. Materials Letters, 2020, 275, 128086.	2.6	5
12	Synthesis and Characterization of Gadolinium-Doped Zirconia as a Potential Electrolyte for Solid Oxide Fuel Cells. Energies, 2022, 15, 2826.	3.1	5
13	Synthesis and microstructural characterization of $\hat{\Gamma}^2$ -phase bismuth- $\hat{\Gamma}^2$ -based electroceramic systems by double- $\hat{\Gamma}^2$ -doping regime. International Journal of Applied Ceramic Technology, 2018, 15, 391-398.	2.1	3
14	Synthesis and structure analysis of new type Er and Yb doped bismuth oxide solid electrolytes. Chemical Papers, 2022, 76, 5513-5522.	2.2	1
15	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