

Yuriy Fedotov

List of Publications by Year in descending order

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14
papers

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1307594

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times ranked

360
citing authors

#	ARTICLE	IF	CITATIONS
1	High-temperature crystal structure and transport properties of the layered cuprates Ln_2CuO_4 , $\text{Ln}=\text{Pr}$, Nd and Sm . <i>Journal of Solid State Chemistry</i> , 2011, 184, 698-704.	2.9	54
2	Unraveling the Impact of Hole Transport Materials on Photostability of Perovskite Films and p-n Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 19161-19173.	8.0	35
3	Reduction of Methylammonium Cations as a Major Electrochemical Degradation Pathway in MAPbI_3 Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 221-228.	4.6	33
4	Impact of charge transport layers on the photochemical stability of MAPbI_3 in thin films and perovskite solar cells. <i>Sustainable Energy and Fuels</i> , 2019, 3, 2705-2716.	4.9	22
5	Decoupling Contributions of Charge Transport Interlayers to Light-Induced Degradation of p-n Perovskite Solar Cells. <i>Solar Rrl</i> , 2020, 4, 2000191.	5.8	18
6	Influence of structural arrangement of R_2O_2 slabs of layered cuprates on high-temperature properties important for application in IT-SOFC. <i>Solid State Ionics</i> , 2014, 257, 67-74.	2.7	17
7	Electrical, electrochemical, and thermomechanical properties of perovskite-type $(\text{La}_{1-x}\text{Sr}_x)\text{Ti}_y\text{Mn}_{0.5}\text{Ti}_{0.5}\text{O}_3$ ($x=0.15-0.75$, $y=0-0.05$). <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 2335-2348.	2.5	16
8	Crystal structure and high-temperature electrical conductivity of novel perovskite-related gallium and indium oxides. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 1415-1423.	2.5	7
9	Oxygen exchange, thermochemical expansion and cathodic behavior of perovskite-like $\text{Sr}_{0.7}\text{Ce}_{0.3}\text{MnO}_3$. <i>Solid State Ionics</i> , 2014, 262, 349-353.	2.7	7
10	Stability and functional properties of $\text{Sr}_{0.7}\text{Ce}_{0.3}\text{MnO}_3$ as cathode material for solid oxide fuel cells. <i>Russian Journal of Electrochemistry</i> , 2014, 50, 713-718.	0.9	3
11	Optimization of Contact Cathode Composition Based on $\text{La}_{0.8}\text{Sr}_{0.2}\text{MnO}_3$ for SOFC Stacks. <i>ECS Transactions</i> , 2021, 103, 1453-1460.	0.5	3
12	Effect of 4H-SiC Target Temperature under Ion Irradiation on the Distribution Profile of Al^+ Ions. <i>Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta)</i> , 2021, 66, 101-104.	0.0	0
13	Continuum modeling of solid oxide fuel cell electrodes: introducing the minimum dissipation principle. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 2049-2054.	2.5	1
14	Internal Conversion in the Membrane-Supported SOFC. <i>ECS Transactions</i> , 2021, 103, 211-219.	0.5	0