

# Yuriy Fedotov

## List of Publications by Year in descending order

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14  
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#	ARTICLE	IF	CITATIONS
1	Optimization of Contact Cathode Composition Based on $\text{La}_{0.8}\text{Sr}_{0.2}\text{MnO}_3$ for SOFC Stacks. ECS Transactions, 2021, 103, 1453-1460.	0.5	3
2	Internal Conversion in the Membrane-Supported SOFC. ECS Transactions, 2021, 103, 211-219.	0.5	0
3	Reduction of Methylammonium Cations as a Major Electrochemical Degradation Pathway in $\text{MAPbI}_3$ Perovskite Solar Cells. Journal of Physical Chemistry Letters, 2020, 11, 221-228.	4.6	33
4	Decoupling Contributions of Charge Transport Interlayers to Light-Induced Degradation of $\text{p}^+\text{n}^-\text{n}^+$ Perovskite Solar Cells. Solar Rrl, 2020, 4, 2000191.	5.8	18
5	Unraveling the Impact of Hole Transport Materials on Photostability of Perovskite Films and $\text{p}^+\text{n}^-\text{n}^+$ Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 19161-19173.	8.0	35
6	Impact of charge transport layers on the photochemical stability of $\text{MAPbI}_3$ in thin films and perovskite solar cells. Sustainable Energy and Fuels, 2019, 3, 2705-2716.	4.9	22
7	Effect of 4H-SiC Target Temperature under Ion Irradiation on the Distribution Profile of Al <sup>+</sup> Ions. Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta,) Tj ETQq1 1 0.7843144gBT /Overlock 10		
8	Crystal structure and high-temperature electrical conductivity of novel perovskite-related gallium and indium oxides. Journal of Solid State Electrochemistry, 2014, 18, 1415-1423.	2.5	7
9	Influence of structural arrangement of R2O2 slabs of layered cuprates on high-temperature properties important for application in IT-SOFC. Solid State Ionics, 2014, 257, 67-74.	2.7	17
10	Oxygen exchange, thermochemical expansion and cathodic behavior of perovskite-like $\text{Sr}_{0.7}\text{Ce}_{0.3}\text{MnO}_3$ . Solid State Ionics, 2014, 262, 349-353.	2.7	7
11	Stability and functional properties of $\text{Sr}_{0.7}\text{Ce}_{0.3}\text{MnO}_3$ as cathode material for solid oxide fuel cells. Russian Journal of Electrochemistry, 2014, 50, 713-718.	0.9	3
12	Continuum modeling of solid oxide fuel cell electrodes: introducing the minimum dissipation principle. Journal of Solid State Electrochemistry, 2013, 17, 2049-2054.	2.5	1
13	Electrical, electrochemical, and thermomechanical properties of perovskite-type $(\text{La}_{1-x}\text{Sr}_x)\text{Mn}_{0.5}\text{Ti}_{0.5}\text{O}_3$ ( $x=0.15, 0.75, 0.05$ ). Journal of Solid State Electrochemistry, 2012, 16, 2335-2348.	2.5	16
14	High-temperature crystal structure and transport properties of the layered cuprates $\text{Ln}_2\text{CuO}_4$ , Ln=Pr, Nd and Sm. Journal of Solid State Chemistry, 2011, 184, 698-704.	2.9	54