

# Sergey N Shkerin

## List of Publications by Year in descending order

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9  
papers

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1937457

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times ranked

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#	ARTICLE	IF	CITATIONS
1	The Grain Size Effect on the Ytria Stabilized Zirconia Grain Boundary Conductivity. Journal of Nanoscience and Nanotechnology, 2010, 10, 7411-7415.	0.9	14
2	Effect of ethylene carbonate concentration on the conductivity of carbonate-based electrolytes with LiPF6 for Li-ion batteries. Ionics, 2009, 15, 761-764.	1.2	6
3	Oxygen surface exchange and diffusion in mayenite single crystal. Physical Chemistry Chemical Physics, 2019, 21, 24740-24748.	1.3	5
4	Thermal and electrical properties of $\text{Ca}_{5-x}\text{Mg}_4\text{Zn}_x(\text{VO}_4)_6$ ( $0 \leq x \leq 4$ ). Journal of Thermal Analysis and Calorimetry, 2019, 136, 1003-1009.	2.0	4
5	Electrical and thermal properties of $\text{Ca}_{5-x}\text{Mg}_4\text{Co}_x(\text{VO}_4)_6$ ( $0 \leq x \leq 4$ ), a promising electrode material. Materials Letters, 2021, 305, 130811.	1.3	3
6	The interaction of defects in a mayenite structure. Physical Chemistry Chemical Physics, 2020, 22, 27818-27828.	1.3	2
7	Stepwise behavior of the mayenite conductivity temperature dependence. Ionics, 2022, 28, 2233.	1.2	1
8	Novel testing procedure of area-specific exchange current density for photoactive powder: Application in PEC water splitting. International Journal of Hydrogen Energy, 2021, 46, 16888-16898.	3.8	0
9	In situ synthesis, structural chemistry and vibrational spectroscopy of Zn-doped $\text{Ca}_{5-x}\text{Mg}_4(\text{VO}_4)_6$ . Chimica Techno Acta, 2022, 9, 20229201.	0.3	0