

# Sergey N Shkerin

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

35  
citations

1937457

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h-index

1872570

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g-index

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all docs

9  
docs citations

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times ranked

36  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stepwise behavior of the mayenite conductivity temperature dependence. <i>Ionics</i> , 2022, 28, 2233.	1.2	1
2	In situ synthesis, structural chemistry and vibrational spectroscopy of Zn-doped $\text{Ca}_5\text{Mg}_4(\text{VO}_4)_6$ . <i>Chimica Techno Acta</i> , 2022, 9, 20229201.	0.3	0
3	Novel testing procedure of area-specific exchange current density for photoactive powder: Application in PEC water splitting. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 16888-16898.	3.8	0
4	Electrical and thermal properties of $\text{Ca}_5\text{Mg}_4\text{Co}(\text{VO}_4)_6$ , a promising electrode material. <i>Materials Letters</i> , 2021, 305, 130811.	1.3	3
5	The interaction of defects in a mayenite structure. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 27818-27828.	1.3	2
6	Oxygen surface exchange and diffusion in mayenite single crystal. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 24740-24748.	1.3	5
7	Thermal and electrical properties of $\text{Ca}_5\text{Mg}_4\text{Zn}_x(\text{VO}_4)_6$ . <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 136, 1003-1009.	2.0	4
8	The Grain Size Effect on the Yttria Stabilized Zirconia Grain Boundary Conductivity. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 7411-7415.	0.9	14
9	Effect of ethylene carbonate concentration on the conductivity of carbonate-based electrolytes with LiPF <sub>6</sub> for Li-ion batteries. <i>Ionics</i> , 2009, 15, 761-764.	1.2	6