

# Vadim Gorshkov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7335075/publications.pdf>

Version: 2024-02-01

19  
papers

332  
citations

933447

10  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

549  
citing authors

#	ARTICLE	IF	CITATIONS
1	Degree of covalency of LiCoO <sub>2</sub> : X-ray emission and photoelectron study. Solid State Communications, 1996, 99, 221-224.	1.9	63
2	Electronic structure, x-ray spectra, and magnetic properties of the LiCoO <sub>2</sub> and Na <sub>x</sub> CoO <sub>2</sub> nonstoichiometric oxides. Physics of the Solid State, 2002, 44, 266-273.	0.6	51
3	Electronic structure of LiNiO <sub>2</sub> , LiFeO <sub>2</sub> and LiCrO <sub>2</sub> : X-ray photoelectron and X-ray emission study. Solid State Communications, 1995, 95, 347-351.	1.9	40
4	Structure peculiarities of carbon-coated lithium titanate: Raman spectroscopy and electron microscopic study. Solid State Sciences, 2012, 14, 72-79.	3.2	35
5	Raman spectroscopy, $\mu$ -CT, and local heterogeneity of solid state synthesized lithium titanate. Journal of Power Sources, 2017, 346, 143-150.	7.8	24
6	Optical absorption and nuclear magnetic resonance in lithium titanium spinel doped by chromium. Physics of the Solid State, 2010, 52, 459-464.	0.6	17
7	Structural and magnetic properties of orthorhombic Li <sub>x</sub> MnO <sub>2</sub> . Solid State Sciences, 2007, 9, 196-204.	3.2	14
8	Some aspects of antiferromagnetic ordering in LiMnPO <sub>0.85</sub> V <sub>0.15</sub> O <sub>4</sub> : Neutron diffraction and DC-magnetization studies. Journal of Magnetism and Magnetic Materials, 2012, 324, 3181-3188.	2.3	14
9	Vanadium doping of LiMnPO <sub>4</sub> : Vibrational spectroscopy and first-principle studies. Chemical Physics Letters, 2014, 591, 21-24.	2.6	14
10	Hydrogen reduction of vanadium in vanadium-doped LiMnPO <sub>4</sub> . Materials Chemistry and Physics, 2015, 149-150, 209-215.	4.0	13
11	Efficiency Threshold of Carbon Layer Growth in Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> /C Composites. Journal of the Electrochemical Society, 2019, 166, A5019-A5024.	2.9	11
12	Effect of vanadium doping on the magnetic properties of LiMnPO <sub>4</sub> . Physica Status Solidi (B): Basic Research, 2016, 253, 965-975.	1.5	10
13	Statistical Raman spectroscopy characterization of carbon additive in low- $\mu$ C composites: Toward industrial quality control. Journal of Raman Spectroscopy, 2019, 50, 1015-1026.	2.5	7
14	Structure, Properties, and Application of Lithium-Manganese Spinels. Russian Journal of Electrochemistry, 2001, 37, 1227-1236.	0.9	6
15	Magnetic Properties of Ti <sub>3</sub> O <sub>5</sub> with Chromium Additions. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1987, 544, 21-27.	1.2	5
16	Synthesis and Characterization of the LiMn <sub>1-x</sub> V <sub>x</sub> O <sub>4</sub> . Solid Solutions. Advances in Science and Technology, 0, , .	0.2	5
17	Structural disordering in Cr-doped Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> spinels. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 1522-1524.	0.6	2
18	Effects of structural disorder in lithium manganite and titanate oxides. Physics of the Solid State, 2010, 52, 1006-1009.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Effect of structural disordering on the transport properties of LiNiO <sub>2</sub> . Inorganic Materials, 2000, 36, 959-963.	0.8	0