

Waldemar Nowicki

List of Publications by Year in descending order

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38
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#	ARTICLE	IF	CITATIONS
1	Vibrational spectra of lithium ferrites: infrared spectroscopic studies of Mn-substituted LiFe ₅ O ₈ . Solid State Sciences, 2001, 3, 503-507.	0.7	59
2	Structural and magnetic properties of the iron substituted lithium-manganese spinel oxides. Solid State Sciences, 2006, 8, 31-36.	3.2	19
3	Unusual Compressional Behavior of Lithium-Manganese Oxides: A Case Study of Li ₄ Mn ₅ O ₁₂ . Journal of Physical Chemistry C, 2012, 116, 17872-17879.	3.1	18
4	Synchrotron X-ray powder diffraction studies on the phase transitions in LiMn ₂ O ₄ . Journal of Alloys and Compounds, 2004, 362, 231-235.	5.5	16
5	Synthesis and characterization of SiO ₂ -La ₂ O ₃ gels obtained in a water-free environment. Journal of Materials Science, 2014, 49, 4416-4422.	3.7	15
6	Synchrotron X-ray powder diffraction studies on the order-disorder phase transition in lithium ferrites. Journal of Alloys and Compounds, 2005, 401, 60-63.	5.5	14
7	Preparation and neutron diffraction study of polycrystalline Cu-Zn-Fe materials. Radiation Physics and Chemistry, 2009, 78, S109-S111.	2.8	13
8	Reverse sequence of transitions in prototypic relaxor 1,4-diazabicyclo[2.2.2]octane. CrystEngComm, 2012, 14, 6428.	2.6	13
9	Synchrotron X-ray diffraction studies on the phase transitions in the spinel Li _x Mn ₃ xO ₄ intercalation compounds. Journal of Physics and Chemistry of Solids, 2004, 65, 223-227.	4.0	11
10	Physicochemical and sorption properties of multi-walled carbon nanotubes decorated with silver nanoparticles. Chemical Engineering Journal, 2014, 250, 295-302.	12.7	11
11	Observation of phase transformations in LiMn ₂ O ₄ under high pressure and at high temperature by in situ X-ray diffraction measurements. Radiation Physics and Chemistry, 2011, 80, 1014-1018.	2.8	10
12	Synthesis and characterization of a binary system La ₂ O ₃ -SiO ₂ prepared by combustion method. Journal of Sol-Gel Science and Technology, 2017, 82, 574-580.	2.4	10
13	Structural studies of complexation of Cu(II) with aminosilane-modified silica surface in heterogeneous system in a wide range of pH. Applied Surface Science, 2019, 469, 566-572.	6.1	10
14	Synchrotron X-ray diffraction studies of LiMn ₂ O ₄ and Li ₄ Mn ₅ O ₁₂ structures at high pressure. Radiation Physics and Chemistry, 2009, 78, S89-S92.	2.8	9
15	Synthesis and characterization of the lithium-deficient Fe-substituted Li-Mn oxide spinel phases. Materials Letters, 2004, 58, 1321-1326.	2.6	8
16	High-pressure metaelastic properties of Li _x Mn ₃ xO ₄ (x = 0.87, 0.94, 1.00). Journal of Materials Chemistry, 2008, 18, 2447.	6.7	8
17	Investigation of interaction between the Pt(II) ions and aminosilane-modified silica surface in heterogeneous system. Applied Surface Science, 2016, 371, 494-503.	6.1	8
18	Structure, magnetic and catalytic properties of SiO ₂ -MFe ₂ O ₄ (M = Mn, Co, Ni, Cu) nanocomposites and their syntheses by a modified sol-gel method. Materials Chemistry and Physics, 2019, 235, 121731.	4.0	8

#	ARTICLE	IF	CITATIONS
19	A new synthesis approach for upconverting nanoparticles based on rare earth ternary vanadates. <i>Ceramics International</i> , 2020, 46, 26309-26316.	4.8	7
20	Effect of an Excess of Lithium Ions on the Formation of Mn-Substituted $\text{LiFe}_{0.5}\text{O}_{8.8}$ with an Ordered Spinel Structure. <i>Materials Science Forum</i> , 2001, 378-381, 551-556.	0.3	6
21	Synthesis, Structure and Biological Evaluation of Novel Bicyclic Nitroimidazole Derivatives. <i>Archiv Der Pharmazie</i> , 2012, 345, 463-467.	4.1	6
22	High resolution diffraction studies with synchrotron radiation on the structure of $\text{Li}_{0.95}\text{Mn}_{2.05}\text{O}_4$ spinel. <i>Journal of Alloys and Compounds</i> , 2005, 401, 55-59.	5.5	3
23	Application of $\text{SiO}_2\text{-La}_2\text{O}_3$ amorphous mesoporous nanocomposites obtained by modified sol-gel method in high temperature catalytic reactions. <i>Journal of Alloys and Compounds</i> , 2020, 840, 155635.	5.5	3
24	Synchrotron X-ray powder diffraction studies of solubility limits in the $\text{LiFe}_5\text{O}_8\text{-LiAl}_5\text{O}_8$ spinel solid solutions. <i>Zeitschrift für Kristallographie, Supplement</i> , 2007, 2007, 471-476.	0.5	3
25	Synthesis and characterization of $\text{SiO}_2\text{-MgO}$ binary oxide system obtained by sol-gel method in anhydrous conditions. <i>Journal of Non-Crystalline Solids</i> , 2018, 482, 78-85.	3.1	2
26	Characterisation of acidic properties of the surface of $\text{SiO}_2\text{-SnO}_2$ obtained by sol-gel method in anhydrous conditions. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2016, 52, 786-792.	1.1	1
27	EFFECT OF DOUBLE SUBSTITUTION WITH Li^+ AND Fe^{3+} IONS IN LiMn_2O_4 ON ITS LOW-TEMPERATURE PHASE TRANSITIONS. , 2004, , .		1
28	Neutron powder diffraction study on the magnetic ordering and structure of $\text{Li}_x\text{Mn}_{3-x}\text{Fe}_y\text{O}_4$ spinels. <i>Zeitschrift für Kristallographie, Supplement</i> , 2007, 2007, 517-522.	0.5	1
29	Influence of Simultaneous Doping of Li^{+} and Fe^{3+} Ions in the LiMn_2O_4 Spinel Structure. <i>Acta Physica Polonica A</i> , 2008, 114, 375-382.	0.5	1
30	Synchrotron X-Ray Powder Diffraction Studies on the Phase Transitions in LiMn_2O_4 . <i>ChemInform</i> , 2004, 35, no.	0.0	0
31	High Resolution Diffraction Studies with Synchrotron Radiation on the Structure of $\text{Li}_{0.95}\text{Mn}_{2.05}\text{O}_4$ Spinel. <i>ChemInform</i> , 2005, 36, no.	0.0	0
32	Synchrotron X-Ray Powder Diffraction Studies on the Order-Disorder Phase Transition in Lithium Ferrites. <i>ChemInform</i> , 2005, 36, no.	0.0	0
33	A new way of assessing the interaction of a metallic phase precursor with a modified oxide support substrate as a source of information for predicting metal dispersion. <i>Arabian Journal of Chemistry</i> , 2020, 13, 2620-2627.	4.9	0
34	Synthesis and luminescence tunability studies in new upconverting $\text{Ba}_2\text{V}_2\text{O}_7$: Yb, Ho phosphors. <i>Polyhedron</i> , 2022, , 115940.	2.2	0