PaweÅ, Piszora

List of Publications by Year
in descending order

52	687	623188 14	610482 24
papers	citations	h-index	g-index

59	59	59	957
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Insights into Polymorphism of Lithium Manganese Oxide, Li_{0.95}Mn_{2.05}O₄: A Comprehensive Survey of the High-Pressure Properties. Journal of Physical Chemistry C, 2019, 123, 19288-19297.	1.5	3
2	Li0.5Ni0.5Mn2O4 spinel: Its synthesis, structure and high pressure properties. Journal of Alloys and Compounds, 2017, 722, 452-457.	2.8	3
3	A cast iron filings based model for dynamic investigation of corrosion and its compatibility with the real water distribution network. Desalination and Water Treatment, 2016, 57, 8139-8151.	1.0	2
4	Thermal expansion of polycrystalline gallium nitride: an Xâ€ray diffraction study. X-Ray Spectrometry, 2015, 44, 382-388.	0.9	3
5	Equation of state and electronic properties of EuVO4: A high-pressure experimental and computational study. Journal of Alloys and Compounds, 2015, 648, 1005-1016.	2.8	17
6	Hooked on switch: strain-managed cooperative Jahnâ€“Teller effect in Li_{0.95}Mn_{2.05}O₄ spinel. RSC Advances, 2014, 4, 65205-65212.	1.7	12
7	Thermal expansion of CuInSe2 in the 11â€“1,073ÂK range: an X-ray diffraction study. Applied Physics A: Materials Science and Processing, 2014, 116, 767-780.	1.1	15
8	Equation of state of CaMnO3: a combined experimental and computational study. Applied Physics A: Materials Science and Processing, 2013, 112, 839-845.	1.1	12
9	Mn₃O₄ under High Pressure and Temperature: Thermal Stability, Polymorphism, and Elastic Properties. Journal of Physical Chemistry C, 2013, 117, 23487-23494.	1.5	30
10	Structure refinement of SmVO4at pressures ranging to 10â€…GPa. Acta Crystallographica Section A: Foundations and Advances, 2013, 69, s475-s475.	0.3	0
11	Corrosion in drinking water pipes: The importance of green rusts. Water Research, 2012, 46, 1-10.	5.3	95
12	Unusual Compressional Behavior of Lithiumâ€“Manganese Oxides: A Case Study of Li₄Mn₅O₁₂. Journal of Physical Chemistry C, 2012, 116, 17872-17879.	1.5	18
13	Reasons for the lack of chemical stability of treated water rich in magnesium. Water Research, 2011, 45, 6585-6592.	5.3	2
14	Characterization of chemical and physical parameters of post copper slag. Open Physics, 2011, 9, 380-386.	0.8	6
15	Observation of phase transformations in LiMn2O4 under high pressure and at high temperature by in situ X-ray diffraction measurements. Radiation Physics and Chemistry, 2011, 80, 1014-1018.	1.4	10
16	Lattice Parameter of Polycrystalline Diamond in the Low-Temperature Range. Acta Physica Polonica A, 2010, 117, 323-327.	0.2	2
17	High-pressure structure and compressibility of ZnAl-CO3LDHs. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s204-s204.	0.3	0
18	Synchrotron X-ray diffraction studies of LiMn2O4 and Li4Mn5O12 structures at high pressure. Radiation Physics and Chemistry, 2009, 78, S89-S92.	1.4	9

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19	Silver behenate under high pressure: A powder diffraction study. Radiation Physics and Chemistry, 2009, 78, S105-S108.	1.4	2
20	High-pressure metaelastic properties of LixMn3â^'xO4 (x = 0.87, 0.94, 1.00). Journal of Materials Chemistry, 2008, 18, 2447.	6.7	8
21	Effect of Gamma Irradiation on Cement Composites Observed with XRD and SEM Methods in the Range of Radiation Dose 0-1409 MGy. Acta Physica Polonica A, 2008, 114, 399-411.	0.2	37
22	Structures of Quenched LixMn3-xO4Spinels. Chemistry of Materials, 2006, 18, 4802-4807.	3.2	13
23	Structural and magnetic properties of the iron substituted lithiumâ€"manganese spinel oxides. Solid State Sciences, 2006, 8, 31-36.	1.5	19
24	X-Ray Diffraction Studies on the Nature of the Phase Transition in the Stoichiometric LiMn2O4.. ChemInform, 2005, 36, no.	0.1	0
25	Synchrotron X-ray powder diffraction studies on the orderâ€"disorder phase transition in lithium ferrites. Journal of Alloys and Compounds, 2005, 401, 60-63.	2.8	14
26	Inequality of quenched and high temperature structure of lithium deficient LiMn2O4. Journal of Alloys and Compounds, 2005, 401, 34-40.	2.8	15
27	High resolution diffraction studies with synchrotron radiation on the structure of Li0.95Mn2.05O4 spinel. Journal of Alloys and Compounds, 2005, 401, 55-59.	2.8	3
28	Thermal expansion of spinel-typeSi3N4. Physical Review B, 2004, 69, .	1.1	31
29	Synchrotron X-ray diffraction studies on the phase transitions in the spinel LixMn3â^'xO4 intercalation compounds. Journal of Physics and Chemistry of Solids, 2004, 65, 223-227.	1.9	11
30	Synchrotron X-ray wavelength calibration using a diamond internal standard: application to low-temperature thermal-expansion studies. Journal of Alloys and Compounds, 2004, 382, 107-111.	2.8	5
31	X-ray diffraction studies on the nature of the phase transition in the stoichiometric LiMn2O4. Journal of Alloys and Compounds, 2004, 382, 119-122.	2.8	14
32	Temperature dependence of the order and distribution of Mn3+ and Mn4+ cations in orthorhombic LiMn2O4. Journal of Alloys and Compounds, 2004, 382, 112-118.	2.8	16
33	Synthesis and characterization of the lithium-deficient Fe-substituted Liâ€"Mn oxide spinel phases. Materials Letters, 2004, 58, 1321-1326.	1.3	8
34	Synchrotron X-ray powder diffraction studies on the phase transitions in LiMn2O4. Journal of Alloys and Compounds, 2004, 362, 231-235.	2.8	16
35	Vibrational spectra of lithium ferrites: infrared spectroscopic studies of Mn-substituted LiFe5O8. Solid State Sciences, 2001, 3, 503-507.	0.8	59
36	Electrochemical reactivity of Liâ€"Mnâ€"O and Liâ€"Feâ€"Mnâ€"O spinels. Journal of Solid State Electrochemistry, 2001, 5, 487-494.	1.2	10

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37	Effect of an Excess of Lithium Ions on the Formation of Mn-Substituted LiFe₅O₈ with an Ordered Spinel Structure. Materials Science Forum, 2001, 378-381, 551-556.	0.3	6
38	Computer Modeling Study of the Lithium Ion Distribution in Quaternary Liâ€“Mnâ€“Feâ€“O Spinels. Journal of Solid State Chemistry, 2000, 153, 310-316.	1.4	40
39	Structure refinement of quaternary spinel oxides â€” experiments and modelling. Computers & Chemistry, 2000, 24, 603-607.	1.2	4
40	Relationship of crystal structure to interionic interactions in the lithiumâ€“manganese spinel oxides. Computers & Chemistry, 2000, 24, 609-613.	1.2	11
41	Distribution and Ordering of Lithium Ions in the Spinel Solid Solutions of Li_{0.5}Fe_{2.5}O₄ and LiMn₂O₄. Materials Science Forum, 2000, 321-324, 796-801.	0.3	3
42	X-Ray Powder Diffraction Study on the Al-for-Fe Substitution in Nickel Ferrite and Cadmium-Nickel Ferrites. Materials Science Forum, 2000, 321-324, 823-827.	0.3	1
43	X-ray powder diffraction and MÃ¶ssbauer studies on the formation of Cd0.5Ni0.5Fe2O4/Zn0.5Ni0.5Fe2O4 spinel solid solutions. Solid State Sciences, 1999, 1, 187-192.	0.8	12
44	X-ray powder diffraction study of cation distribution and the Fd3mâ†'P4132 symmetry reduction in Li0.5Fe2.5O4/LiMn2O4 spinel solid solutions. Journal of Alloys and Compounds, 1999, 286, 203-207.	2.8	30
45	X-Ray Powder Diffraction Study on the Solubility Limits in the Goethite-Diaspore Solid Solutions. Materials Science Forum, 1998, 278-281, 584-588.	0.3	3
46	Ferrimagnetic spinels in hydrothermal and thermal treatment of MnxFe2âˆ'2x(OH)6âˆ'4x. Journal of Thermal Analysis, 1997, 48, 247-258.	0.7	5
47	Hydrothermal conversion of amorphous NiFe2â€“xAlx(OH)8into crystalline phases. Journal of Materials Chemistry, 1996, 6, 1701-1707.	6.7	2
48	Mechanism of Al- for Fe-substitution during the Î±-(Fe, Al) OOHâ†' Î³-(Fe, Al)2O3 transformation. Solid State Ionics, 1994, 70-71, 537-541.	1.3	5
49	Effect of the anionic sublattice hydroxylation on the goethite â†' maghemite transformation in the AlxFe1âˆ'xOOH system. Materials Letters, 1994, 21, 191-195.	1.3	5
50	Synthetic solid solutions formed between goethite and diaspore. Zeitschrift Fur Pflanzenernahrung Und Bodenkunde = Journal of Plant Nutrition and Plant Science, 1992, 155, 479-482.	0.4	2
51	Determination of solid solution limits based on the thermal behaviour of aluninium substituted iron hydroxides and oxides. Journal of Thermal Analysis, 1992, 38, 2115-2122.	0.7	9
52	High-Pressure Energy Dispersive X-Ray Diffraction Investigation of Lithium-Manganese Spinel. Solid State Phenomena, 0, 130, 69-72.	0.3	5