Delyana M Marinova

List of Publications by Year
in descending order

29	326	840776 11	888059 17
papers	citations	h-index	g-index

31	31	31	304
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of the Properties of Niâ€“Mn Hydroxides/Oxides with Niâ€“Mn Phosphates for the Purpose of Hybrid Supercapacitors. Batteries, 2022, 8, 51.	4.5	7
2	Thermodynamics of the double sulfates Na2M2+(SO4)2Â·nH2O (M = Mg, Mn, Co, Ni, Cu, Zn, n = 2 or 4) of the blÃ¶diteâ€“krÃ¶hnkite family. RSC Advances, 2021, 11, 374-379.	3.6	3
3	Nitric oxide (NO) decomposition on catalysts, containing oxides ofÂlanthanum and cerium, supported on Î³-alumina. Journal of Rare Earths, 2019, 37, 151-159.	4.8	7
4	Selective sodium intercalation into sodium nickelâ€“manganese sulfate for dual Naâ€“Li-ion batteries. Physical Chemistry Chemical Physics, 2018, 20, 12755-12766.	2.8	14
5	Redox properties of alluaudite sodium cobalt manganese sulfates as high-voltage electrodes for rechargeable batteries. Chemical Communications, 2018, 54, 5466-5469.	4.1	12
6	Synthesis, structure and properties of blÃ¶dite-type solid solutions, Na2Co1âˆ’xCux(SO4)2Â·4H2O (0â€‰‹â€‰xâ€‰â‰â€‰0.18), and crystal structure of synthetic krÃ¶hnkite, Na2Cu(SO4)2Â·2H2O. Physics and Chemistry of Minerals, 2018, 45, 801-817.	1.8	8
7	On the formation of solid solutions with blÃ¶dite- and krÃ¶hnkite-type structures. Journal of Thermal Analysis and Calorimetry, 2017, 130, 1925-1937.	3.6	3
8	Mixed sodium nickel-manganese sulfates: Crystal structure relationships between hydrates and anhydrous salts. Journal of Solid State Chemistry, 2017, 250, 49-59.	2.9	14
9	Vibrational spectra of Cs2Cu(SO4)2Â·6H2O and Cs2Cu(SeO4)2Â·nH2O (n=4, 6) with a crystal structure determination of the Tutton salt Cs2Cu(SeO4)2Â·6H2O. Journal of Molecular Structure, 2016, 1106, 440-451.	3.6	15
10	From krÃ¶hnkite- to alluaudite-type of structure: novel method of synthesis of sodium manganese sulfates with electrochemical properties in alkali-metal ion batteries. Journal of Materials Chemistry A, 2015, 3, 22287-22299.	10.3	42
11	Infrared spectroscopic study of SO42âˆ’ ions included in Mâ€²2Mâ€²â€²(SeO4)2â‹…6H2O (Meâ€²=K, NH4+; Mâ€²â€²=Mg, Co, Ni,) - Part A: Molecular and Biomolecular Spectroscopy, 2015, 134, 526-534.	3.9	12
12	Ammonium beryllium selenate dihydrate, (NH4)2Be(SeO4)2Â·2H2O: Preparation, X-ray powder diffraction, and vibrational spectra. Vibrational Spectroscopy, 2013, 64, 39-43.	2.2	1
13	Crystal and molecular structure of ammonium beryllium sulfate dihydrate, (NH4)2Be(SO4)2Â·2H2O. Journal of Molecular Structure, 2012, 1022, 117-124.	3.6	1
14	Preparation, crystal structure and infrared spectroscopy of the new compound Rb4Be(SeO4)2(HSeO4)2Â·4H2O. Solid State Sciences, 2010, 12, 899-905.	3.2	9
15	Vibrational behavior of matrix-isolated ions in Tutton compounds. V. Infrared spectroscopic study of NH4+ and SO42âˆ’ ions included in zinc sulfates and selenates. Solid State Sciences, 2010, 12, 765-769.	3.2	9
16	Vibrational behavior of matrix-isolated ions in Tutton compounds IV. Infrared spectroscopic study of NH4+ and SO42- ions included in nickel sulfates and selenates. Crystal Research and Technology, 2010, 45, 637-642.	1.3	11
17	Vibrational behavior of matrix-isolated ions in Tutton compounds. III: Infrared spectroscopic study of NH4+ and SO42âˆ’ ions included in cobalt sulfates and selenates. Vibrational Spectroscopy, 2010, 53, 233-238.	2.2	16
18	Comparative study on energetic distortions of SO42âˆ’ ions matrix-isolated in compounds with krÃ¶hnkite-type chains, K2Me(CrO4)2Â·2H2O and Na2Me(SeO4)2Â·2H2O (Me=Mg, Co, Ni, Zn, Cd). Solid State Sciences, 2009, 11, 2044-2050.	3.2	8

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19	Vibrational behavior of matrix-isolated ions in Tutton compounds. I. Infrared spectroscopic study of NH4+ and SO42â˜' ions included in magnesium sulfates and selenates. Journal of Molecular Structure, 2009, 929, 67-72.	3.6	26
20	Vibrational behavior of matrix-isolated ions in Tutton compounds. II. Infrared spectroscopic study of and ions included in copper sulfates and selenates. Journal of Molecular Structure, 2009, 938, 179-184.	3.6	22
21	Vibrational behavior of guest ions included in K2Me(CrO4)2Â·2H2O (Me=Co, Ni) and crystal structures of K2Me(CrO4)2Â·2H2O (Me=Co, Ni). Journal of Molecular Structure, 2009, 920, 289-296.	3.6	6
22	Hydrogen bond strength in chromates with krÃ¶hnkite-type chains, K2Me(CrO4)2Â·2H2O (Me=Mg, Co, Ni,) Tj ETQq0 0 0 rgBT /Overlock	2.2	6
23	Vibrational behavior of ions included in K2Zn(CrO4)2Â·2H2O and crystal structure of K2Zn(CrO4)2Â·2H2O: A new structure type containing krÃ¶hnkite-type chains. Journal of Molecular Structure, 2008, 892, 239-245.	3.6	12
24	Infrared spectroscopic study of ions included in K2Me(CrO4)2Â·2H2O (Me=Mg, Cd) and crystal structure of K2Cd(CrO4)2Â·2H2O. Journal of Molecular Structure, 2008, 889, 12-19.	3.6	9
25	Thermal dehydration of the double salts K2Be(XO4)2Â·2H2O (X = S, Se). Crystal Research and Technology, 2007, 42, 54-58.	1.3	6
26	Cation distribution in MgxZn1â˜'x(HCOO)2Â·2H2O mixed crystals. Vibrational Spectroscopy, 2007, 43, 387-394.	2.2	6
27	Cation distribution in MgxMn1â˜'x(HCOO)2Â·2H2O mixed crystals. X-ray diffraction and double matrix infrared spectroscopy. Journal of Molecular Structure, 2007, 842, 67-74.	3.6	4
28	Infrared study of the vibrational behavior of CrO42â˜' guest ions matrix-isolated in metal (II) sulfates (Me=Ca, Sr, Ba, Pb). Journal of Molecular Structure, 2005, 738, 211-215.	3.6	20
29	Infrared study of the vibrational behavior of SO42â˜' guest ions matrix-isolated in metal (II) chromates (Me=Ca, Sr, Ba). Vibrational Spectroscopy, 2005, 39, 46-49.	2.2	22