Ahlem Kabadou

List of Publications by Year
in descending order

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68	618	840776	677142
papers	citations	11 h-index	22 g-index

69	69	69	634
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural, spectroscopic, luminescence and magnetic properties of a novel far-red emitting phosphor Er, Mn doped ZrTe3O8. Inorganic Chemistry Communication, 2022, 140, 109429.	3.9	1
2	Sardinelle protein isolate as a novel material for oil microencapsulation: Novel alternative for fish by-products valorisation. Materials Science and Engineering C, 2020, 116, 111164.	7.3	7
3	Crystal structure, spectroscopic, magnetic and dielectric studies of new doped ceramic ZrTe3O8:7%CuO. Journal of Alloys and Compounds, 2020, 825, 153974.	5.5	1
4	New perovskite Ba0.7La0.3Ti0.55Fe0.45O3-Î´ prepared by citric sol-gel method: From structure to physical properties. Journal of Molecular Structure, 2020, 1217, 128347.	3.6	2
5	Design of lanthanide metal organic frameworks incorporating dicarboxylate ligands. Journal of Porous Materials, 2019, 26, 1679-1689.	2.6	4
6	Improved antioxidant activity and oxidative stability of spray dried European eel (Anguilla anguilla) oil microcapsules: Effect of emulsification process and eel protein isolate concentration. Materials Science and Engineering C, 2019, 104, 109867.	7.3	18
7	Effect of erbium doping on vibrational and optical properties of TiTe3O8. Journal of Alloys and Compounds, 2019, 791, 1088-1097.	5.5	3
8	Effect of erbium doping on structural, vibrational and physical properties of CuTe2O5. Journal of Alloys and Compounds, 2019, 792, 297-307.	5.5	2
9	An investigation of the Gd-Fe-Cr phase diagram: Phase equilibria at 800â€Â°C. Journal of Alloys and Compounds, 2019, 792, 87-94.	5.5	9
10	Structural, Magnetic, Magnetocaloric and MÃ¶ssbauer Spectrometry Study of $${hbox {Gd}}_2{hbox {Fe}}_{17-x}{hbox {Cu}}_x$$ Gd 2 Fe 17 - x Cu x ($$x=$$ x = Â0, 0.5, 1 and 1.5) Compounds. Journal of Electronic Materials, 2019, 48, 2242-2253.	2.2	12
11	The 1073â€K isothermal section of the Gd-Fe-Cu system. Journal of Alloys and Compounds, 2019, 781, 159-165.	5.5	5
12	Supramolecular and heterometallic architectures based on [Fe(CN)6]3â^' metallotectons and diverse organic cations: Crystal structure, Hirshfeld surface analysis, spectroscopic and thermal properties. Inorganica Chimica Acta, 2019, 486, 36-47.	2.4	4
13	Crystal structure and phase transitions in R2TeO6 (R = La, Pr, Nd, Tb, Ho, Er, Tm, Lu) oxides: A neutron diffraction study. Arabian Journal of Chemistry, 2019, 12, 4407-4413.	4.9	1
14	Crystal structure, phase transitions and dielectric properties of a new layered bimetallic hydrogenselenite: [CuZnCl2(H2O)4]Â·(HSeO3)2. Journal of Alloys and Compounds, 2018, 740, 980-986.	5.5	1
15	Mild hydrothermal synthesis of the two compounds [SrZn2(SeO3)3] and [SrZn0.68Cu0.32(SeO3)2]: Structural characterization, spectroscopic and magnetic studies. Journal of Saudi Chemical Society, 2018, 22, 887-895.	5.2	2
16	Synthesis, spectroscopic, structural and thermal characterizations of [(C 7 H 6 NO 4) 2 TeBr 6 Â·4H 2 O]. Journal of Saudi Chemical Society, 2018, 22, 155-164.	5.2	6
17	Growth, crystal structure, Hirshfeld surface, dielectric and vibrational properties of a new inorganic-organic single crystal: (C5H6N2Cl)2TeCl6. Superlattices and Microstructures, 2018, 122, 93-110.	3.1	1
18	Hydrogen-bonded supramolecular architectures based on [Zr(C₂O₄)₄]^{4â^'}anion and protonated polyamine cations. CrystEngComm, 2017, 19, 1633-1642.	2.6	8

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19	Crystal structure and Hirshfeld surface analysis of [N(CH 3) 4][2,2â€²-Fe(1,7- closo -C 2 B 9 H 11) 2]. Journal of Organometallic Chemistry, 2017, 846, 74-80.	1.8	3
20	Supramolecular architecture based on [Fe(CN)6]3â˜’ metallotectons and melaminium synthons. Journal of Molecular Structure, 2017, 1146, 409-416.	3.6	11
21	Effect of manganese doping on vibrational and physical properties of ZrTe 3 O 8. Journal of Alloys and Compounds, 2017, 709, 808-818.	5.5	5
22	X-ray powder diffraction, spectroscopic study, dielectric properties and thermal analysis of new doped compound TiGa0.67Te2.33O8. Journal of Molecular Structure, 2017, 1133, 422-429.	3.6	4
23	Synthesis, crystal structure determination, thermal and magnetic properties of the new Cu0.73Ni0.27(HSeO3)2 compound. Journal of Magnetism and Magnetic Materials, 2017, 422, 315-321.	2.3	0
24	Crystal Growth and Structural Characterization of a Thiocyanato-Bridged Copper(I/II) Mixed-Valence Coordination Polymer. Crystallography Reports, 2017, 62, 1152-1156.	0.6	2
25	Crystal structure, magnetic, thermal behavior, and spectroscopic studies of two new bimetallic hydrogenselenites: [Cu2â˜’xNix (HSeO3)2Cl2.4H2O], (xÂ=Â0.62; 0.91). Journal of Molecular Structure, 2016, 1118, 259-266.	3.6	10
26	A polymeric zirconium (IV) oxalate complex K 2 [Zr(C 2 O 4) 2 (Î¼-C 2 O 4)] Â· 2H 2 O: Structural elucidation, stereo-chemical and Hirshfeld surface analysis. Inorganic Chemistry Communication, 2015, 60, 97-102.	3.9	3
27	Structural and magnetic properties of the new brownmillerite oxides La1â˜’xNaxSrMn2O5+Î´ (0.1Ââ‰¤xâ‰¤Â0.3). Materials Chemistry and Physics, 2015, 166, 49-56.	4.0	3
28	Thermal, optical and structural properties of glasses within the TeO2TiO2ZnO system. Journal of Alloys and Compounds, 2015, 622, 333-340.	5.5	41
29	Effect of the partial substitution of Fe on the magnetic properties of new brownmillerite oxides LaSrMn2â˜’xFexO5 (0â‰¤xâ‰¤0.5). Journal of Magnetism and Magnetic Materials, 2014, 361, 44-49.	2.3	5
30	Crystal structure at (T=295 and 173K) of[(NH4)0.63Li0.37]2TeBr6. Arabian Journal of Chemistry, 2014, 7, 177-180.	4.9	0
31	The erbium×³s amphoteric behavior effects on sodium bismuth titanate properties. Ceramics International, 2014, 40, 13461-13469.	4.8	31
32	Structure of New Layered Bimetallic Hydrogenoselenite Copper Selenium. Journal of Chemical Crystallography, 2013, 43, 352-359.	1.1	6
33	Optical properties of tellurite glasses elaborated within the TeO2â€“Tl2Oâ€“Ag2O and TeO2â€“ZnOâ€“Ag2O ternary systems. Journal of Alloys and Compounds, 2013, 561, 151-160.	5.5	49
34	Structural, Raman and electrical studies of 2at.% Dy-doped NBT. Journal of Alloys and Compounds, 2013, 555, 56-61.	5.5	73
35	Synthesis and Crystal Structures of Various Phases of the Microporous Three-Dimensional Coordination Polymer [Zr(OH)₂(C₂O₄)]_n. Crystal Growth and Design, 2013, 13, 5100-5106.	3.0	12
36	Structural and MÃ¶ssbauer study of the Brownmillerite oxides LaSrMn2â˜’xFexO5 (0â©½xâ©½0.5). Journal of Alloys and Compounds, 2013, 581, 378-384.	5.5	7

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37	Structural, thermal behaviour and vibrational study of a new mixed cesiumâ€“ammonium tellurate. Journal of Chemical Sciences, 2012, 124, 403-410.	1.5	3
38	Structural, optical, and electrical properties of Nd-doped Na0.5Bi0.5TiO3. Materials Chemistry and Physics, 2012, 134, 829-833.	4.0	92
39	X-ray powder diffraction, vibration and thermal studies of [A0.92(NH4)0.08]2TeCl4Br2 with A=Cs, Rb: Influence of mixed cationic and anionic substitutions. Materials Research Bulletin, 2012, 47, 1197-1203.	5.2	1
40	LDPE phase composition in LDPE/Cu composites using thermal analysis and FTIR spectroscopy. Journal of Applied Spectroscopy, 2011, 78, 174-182.	0.7	6
41	Hydrothermal Synthesis and Structure of the Solid Solution (Fe0.54Mn0.46)(PO4)â‹…2H2O. Journal of Chemical Crystallography, 2011, 41, 370-374.	1.1	2
42	Synthesis and Crystal Structure of a New Mixed Alkali Oxalate A1â^'x (NH4) x (H2C2O4)(HC2O4)(H2O)2 with AÂ=ÂK, Rb. Journal of Chemical Crystallography, 2011, 41, 1742-1750.	1.1	2
43	Structural, vibrational and dielectric properties of the new Li-doped material [Li0.08(NH4)0.92]2TeCl4Br2. Journal of Molecular Structure, 2011, 986, 86-91.	3.6	5
44	Hydrothermal Synthesis and Structure of Fe6.36Mn0.64(PO3(OH))4(PO4)2. Journal of Chemical Crystallography, 2010, 40, 1125-1128.	1.1	3
45	Structure and Characterization of the [Rb x (NH4)1-x]2TeCl6 Tellurate Family at Room Temperature. Journal of Structural Chemistry, 2010, 51, 689-695.	1.0	3
46	Crystal structure and dynamical properties of a new tellurite: AgTlTeO3. Materials Research Bulletin, 2010, 45, 1883-1888.	5.2	1
47	New glasses within the Tl2Oâ€“Ag2Oâ€“TeO2 system: Thermal characteristics, Raman spectra and structural properties. Materials Research Bulletin, 2010, 45, 1816-1824.	5.2	16
48	Investigation of ammonium substitution in the perovskite-like structure Rb0.79(NH4)0.21CdCl3. Journal of Molecular Structure, 2010, 977, 210-213.	3.6	0
49	The effect of the combined substitution of NH4+ and Clâ^' on the structure of [Cs0.8(NH4)0.2]2TeBr5.6Cl0.4 powder. Journal of Alloys and Compounds, 2010, 499, L5-L8.	5.5	4
50	Structure and thermal behaviour of Sr-doped (NH4)2TeBr6 material. Journal of Alloys and Compounds, 2009, 488, L10-L13.	5.5	8
51	Structural Analysis of the Phase Transitions of (NH4)4HgBr6. Journal of Chemical Crystallography, 2008, 38, 85-91.	1.1	1
52	Dielectric ferroelectric and piezoelectric properties of BaTi0.975(Zn1/3Nb2/3)0.025O3 ceramic. Journal of Alloys and Compounds, 2008, 452, 441-445.	5.5	10
53	New relaxor ceramic with composition BaTi1â^'x(Zn1/3Nb2/3)xO3. Journal of Alloys and Compounds, 2008, 452, 451-455.	5.5	32
54	Structural investigation of the phase transitions of Tribromo ammonium mercurate (II) monohydrate, NH4HgBr3Â·H2O. Journal of Alloys and Compounds, 2008, 463, 100-106.	5.5	3

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55	X-ray powder diffraction study of Sn_{0.59}Ti_{0.41}Te₃O₈. Powder Diffraction, 2008, 23, 228-231.	0.2	5
56	Modulation of Relaxor Behaviour by Chemical Substitution in the System Ba1-xCaxTi1-y(Zn1/3Nb2/3)yO3. Ferroelectrics, 2008, 371, 82-88.	0.6	1
57	X-ray powder diffraction and dielectric study of BaTi1â^'x(Zn1/3Nb2/3)xO3 (x=0.025 and 0.9). Powder Diffraction, 2008, 23, 241-245.	0.2	1
58	Crystal structures of two new octochlorotrimercurate(II) RbNH4Hg3Cl8Â·2H2O and (NH4)2Hg3Cl8Â·2H2O. Journal of Alloys and Compounds, 2007, 428, 65-71.	5.5	6
59	Super-protonic phase transition and fast ionic conductivity of Li+ in [Li0.2(NH4)0.8]2TeCl6. Solid State Ionics, 2006, 177, 89-93.	2.7	2
60	X-ray powder diffraction study of cesium ammonium hexachlorotellurate [Cs0.86(NH4)0.14]2TeCl6. Powder Diffraction, 2006, 21, 225-228.	0.2	3
61	Crystal structure (at T = 163K) and phase transitions of NH4HgI3Â·H2O. Journal of Alloys and Compounds, 2005, 386, 107-114.	5.5	5
62	X-ray diffraction, Raman study and electrical properties of the new mixed compound [Rb0.44(NH4)0.56]2HgCl4Â·H2O. Chemical Physics, 2004, 300, 247-251.	1.9	6
63	Structure of rubidiumâ€“ammonium hexachlorotellurate [Rb0.8(NH4)0.2]2TeCl6 at room and low temperatures. Journal of Alloys and Compounds, 2004, 377, 85-90.	5.5	12
64	Rietveld refinement of the gadolinium strontium oxide SrGd2O4. Powder Diffraction, 2003, 18, 288-292.	0.2	5
65	Electrical properties of the mixed compound K2.51(NH4)1.49Hg3Cl10.2H2O. Solid State Ionics, 1999, 122, 263-269.	2.7	6
66	DSC, X-Ray diffraction and Raman studies in the compound K2.51(NH4)1.49Hg3Cl10.2H2O. Journal of Alloys and Compounds, 1999, 284, 128-131.	5.5	6
67	Crystal Structure and Dielectric Measurements of Mixed Caesium-Ammonium Mercury Chloride: Cs0.7(NH4)0.3HgCl3. Physica Status Solidi (B): Basic Research, 1998, 208, 387-395.	1.5	11
68	Structural and vibrational studies of mixed potassiumâ€“ammonium chloromercurate(II) dihydrates K2.51(NH4)1.49Hg3Cl10.2H2O. Journal of Alloys and Compounds, 1998, 279, 161-165.	5.5	5