

Bouchaib Manoun

List of Publications by Year in descending order

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140
papers

2,802
citations

172386

29
h-index

233338

45
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148
all docs

148
docs citations

148
times ranked

2312
citing authors

#	ARTICLE	IF	CITATIONS
1	Compression behavior of M_2AlC ($M=Ti, V, Cr, Nb,$ and Ta) phases to above 50 GPa. <i>Physical Review B</i> , 2006, 73, .	1.1	162
2	High-pressure x-ray diffraction study of Ta_4AlC_3 . <i>Applied Physics Letters</i> , 2006, 88, 201902.	1.5	108
3	X-ray high-pressure study of Ti_2AlN and Ti_2AlC . <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 2091-2094.	1.9	107
4	Structure change of pyrochlore $Sm_2Ti_2O_7$ at high pressures. <i>Applied Physics Letters</i> , 2005, 86, 181906.	1.5	94
5	Dielectric, ferroelectric, and energy storage properties in dysprosium doped sodium bismuth titanate ceramics. <i>Ceramics International</i> , 2018, 44, 19451-19460.	2.3	86
6	Synthesis and compressibility of $Ti_3(Al,Sn_{0.2})C_2$ and $Ti_3Al(C_{0.5},N_{0.5})_2$. <i>Journal of Applied Physics</i> , 2007, 101, 113523.	1.1	79
7	Pressure-induced order-disorder transitions in pyrochlore $RE_2Ti_2O_7$ ($RE=Y, Gd$). <i>Materials Letters</i> , 2006, 60, 2773-2776.	1.3	66
8	Compression of Zr_2InC to 52 GPa. <i>Applied Physics Letters</i> , 2004, 85, 1514-1516.	1.5	65
9	Raman spectroscopic study of phase transitions in Li_3PO_4 . <i>Journal of Raman Spectroscopy</i> , 2003, 34, 77-83.	1.2	63
10	Sequence of structural transitions and electrocaloric properties in $(Ba_{1-x}Ca_x)(Zr_{0.1}Ti_{0.9})O_3$ ceramics. <i>Journal of Alloys and Compounds</i> , 2017, 713, 164-179.	2.8	62
11	High pressure study of Ti_4AlN_3 to 55 GPa. <i>Applied Physics Letters</i> , 2005, 86, 101906.	1.5	58
12	Compression of $Ti_3Si_{0.5}Ge_{0.5}C_2$ to 53 GPa. <i>Applied Physics Letters</i> , 2004, 84, 2799-2801.	1.5	57
13	Raman spectroscopic study of the phase transitions sequence in $Li_3Fe_2(PO_4)_3$ and $Na_3Fe_2(PO_4)_3$ at high temperature. <i>Journal of Molecular Structure</i> , 2009, 936, 147-155.	1.8	48
14	Layered $P_2-Na_{2/3}Co_{1/2}Ti_{1/2}O_2$ as a high-performance cathode material for sodium-ion batteries. <i>Journal of Power Sources</i> , 2017, 342, 998-1005.	4.0	46
15	Complex impedance and Raman spectroscopy of $Na_{0.5}(Bi_{1-x}Dy_x)_{0.5}TiO_3$ ceramics. <i>Ceramics International</i> , 2020, 46, 10979-10991.	2.3	46
16	Infrared spectrum and compressibility of Ti_3GeC_2 to 51 GPa. <i>Journal of Alloys and Compounds</i> , 2007, 433, 265-268.	2.8	45
17	Compression behavior of $V_{C_{0.85}}$ up to 53 GPa. <i>International Journal of Refractory Metals and Hard Materials</i> , 2004, 22, 129-132.	1.7	40
18	On the compression behavior of $Cr_{2/3}GeC$ and $V_{2/3}GeC$ up to quasi-hydrostatic pressures of 50 GPa. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 456218.	0.7	40

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19	Compression behavior of TaC _{0.98} under nonhydrostatic and quasi-hydrostatic pressures up to 76GPa. International Journal of Refractory Metals and Hard Materials, 2005, 23, 109-114.	1.7	38
20	Effect of BaO-Bi ₂ O ₃ -P ₂ O ₅ glass additive on structural, dielectric and energy storage properties of BaTiO ₃ ceramics. Materials Chemistry and Physics, 2020, 241, 122434.	2.0	36
21	A high-pressure Raman spectroscopic study of hafnon, HfSiO ₄ . American Mineralogist, 2006, 91, 1888-1892.	0.9	35
22	Crystal structures and magnetic properties of iron (III)-based phosphates: Na ₄ NiFe(PO ₄) ₃ and Na ₂ Ni ₂ Fe(PO ₄) ₃ . Journal of Alloys and Compounds, 2011, 509, 1163-1171.	2.8	35
23	High temperature Raman spectroscopy studies of the phase transitions in Sr ₂ NiWO ₆ and Sr ₂ MgWO ₆ double perovskite oxides. Journal of Molecular Structure, 2010, 971, 18-22.	1.8	34
24	Structure, thermal analysis and optical properties of lithium tungsten-titanophosphate glasses. Journal of Non-Crystalline Solids, 2017, 463, 12-18.	1.5	32
25	Effect of alkali-mixed content and thermally untreated phosphate sludge dosages on some properties of metakaolin based geopolymer material. Materials Chemistry and Physics, 2020, 248, 122938.	2.0	32
26	Ab initio determination and Rietveld refinement of the crystal structure of Ni _{0.50} TiO(PO ₄). Powder Diffraction, 1999, 14, 10-15.	0.4	31
27	High temperature induced phase transitions in Sr ₂ ZnWO ₆ and Sr ₂ CoWO ₆ double perovskite oxides: Raman spectroscopy as a tool. Journal of Molecular Structure, 2012, 1029, 81-85.	1.8	31
28	Raman Spectroscopy, X-Ray, SEM, and DTA Analysis of Alkali-Phosphate Glasses Containing WO_3 Nb ₂ O ₅ . Journal of Spectroscopy, 2013, 2013, 1-10.	0.6	30
29	Effect of synthetic fibers on the properties of geopolymers based on non-heat treated phosphate mine tailing. Materials Chemistry and Physics, 2021, 260, 124147.	2.0	30
30	High-pressure study of the Sr ₂ CoWO ₆ ordered double perovskite tungstate oxide. Journal of Molecular Structure, 2008, 888, 244-252.	1.8	29
31	Synthesis, Rietveld refinements and Raman spectroscopy studies of the solid solution Na _{1-x} K _x Pb ₄ (VO ₄) ₃ (0 ≤ x ≤ 1/2). Journal of Molecular Structure, 2010, 963, 258-266.	1.8	29
32	Synthesis, Rietveld refinements and Raman spectroscopic studies of tricationic lacunar apatites Na _{1-x} K _x Pb ₄ (AsO ₄) ₃ (0 ≤ x ≤ 1/2). Journal of Molecular Structure, 2011, 986, 1-9.	1.8	29
33	Use of clays by-products from phosphate mines for the manufacture of sustainable lightweight aggregates. Journal of Cleaner Production, 2021, 280, 124361.	4.6	29
34	Synthesis of CoFeO mixed oxides via an alginate gelation process as efficient heterogeneous catalysts for lignin depolymerization in water. Catalysis Science and Technology, 2018, 8, 5445-5453.	2.1	28
35	On the compression behavior of Ti ₂ InC, (Ti _{0.5} , Zr _{0.5}) ₂ InC, and M ₂ SnC (M = Nb, Hf) to quasi-hydrostatic pressures up to 50 GPa. Solid State Communications, 2009, 149, 1978-1983.	0.9	27
36	Low-wavenumber Raman spectra of the spin-transition complexes [Fe(NH ₂ trz) ₃](ClO ₄) ₂ and [Fe(Htrz) ₃](ClO ₄) ₂ . Journal of Raman Spectroscopy, 2001, 32, 339-344.	1.2	26

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37	On the compression behaviour of (Ti _{0.5} ,V _{0.5}) ₂ AiC and (Ti _{0.5} ,Nb _{0.5}) ₂ AiC to quasi-hydrostatic pressures above 50 GPa. Journal of Physics Condensed Matter, 2007, 19, 246215.	0.7	26
38	Structural changes upon lithium insertion in Ni _{0.5} TiOPO ₄ . Journal of Alloys and Compounds, 2012, 530, 178-185.	2.8	25
39	High-pressure Raman study of the Sr ₂ CaWO ₆ double perovskite. Journal of Physics Condensed Matter, 2004, 16, 8367-8376.	0.7	24
40	Crystal chemistry, Rietveld refinements and Raman spectroscopy studies of the new solid solution series: Ba _{3-3x} Sr _x (VO ₄) ₂ (0 ≤ x ≤ 3). Journal of Alloys and Compounds, 2010, 498, 42-51.	2.8	23
41	Structural, dielectric, and ferroelectric properties of Na _{0.5} (Bi _{1-x} Nd _x) _{0.5} TiO ₃ ceramics for energy storage and electrocaloric applications. Ceramics International, 2021, 47, 26539-26551.	2.3	23
42	X-ray diffraction and vibrational Raman spectra of the Li _{2-2x} Na _x Co ₂ (MoO ₄) ₃ (0 ≤ x ≤ 1.4) solid solution with a lyonsite structure. Journal of Molecular Structure, 2010, 965, 7-13.	1.8	22
43	Electrochemical determination of mercury(II) in ambient water at palladium oxide/graphite composite electrodes. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 2725-2732.	2.7	22
44	Structural, dielectric, electrocaloric and energy storage properties of lead free Ba _{0.975} La _{0.017} (Zr _x Ti _{0.95-x})Sn _{0.05} O ₃ (x = 0.05; 0.20) ceramics. Materials Chemistry and Physics, 2020, 252, 123462.	2.0	22
45	X-ray diffraction and Raman spectroscopy studies of temperature and composition induced phase transitions in Ba _{2-2x} Sr _x ZnWO ₆ (0 ≤ x ≤ 2) double perovskite oxides. Journal of Alloys and Compounds, 2012, 533, 43-52.	2.8	21
46	Elaboration and structural characterization of glasses inside the ternary SrO-TiO ₂ -P ₂ O ₅ system. Journal of Physics and Chemistry of Solids, 2012, 73, 961-968.	1.9	20
47	X-ray diffraction and Raman spectroscopy studies of temperature and composition induced phase transitions in Ba _{2-2x} Sr _x MWO ₆ (M=Ni, Co and 0 ≤ x ≤ 2) double perovskite oxides. Journal of Molecular Structure, 2013, 1045, 1-14.	1.8	20
48	Preparation and structural characterization of two new titanium phosphates NaCaTi(PO) ₄ AND NiTiOPO. Annales De Chimie: Science Des Materiaux, 1998, 23, 7-10.	0.2	19
49	Thermal Expansion of Polycrystalline Ti ₃ SiC ₂ in the 250-1400°C Temperature Range. Journal of the American Ceramic Society, 2005, 88, 3489-3491.	1.9	18
50	Mechanism of the First Lithiation/Delithiation Process in the Anode Material CoFeOPO ₄ @C for Li-Ion Batteries. Journal of Physical Chemistry C, 2018, 122, 7139-7148.	1.5	18
51	Eco-friendly Geopolymer Composite Based on Non-heat-treated Phosphate Sludge Reinforced With Polypropylene Fibers. Silicon, 2021, 13, 2389-2400.	1.8	18
52	Bulk moduli of Cr ₂ GaC and Ti ₂ GaN up to 50GPa. Journal of Alloys and Compounds, 2010, 505, 328-331.	2.8	17
53	Phase transitions in heated Sr ₂ MgTeO ₆ double perovskite oxide probed by X-ray diffraction and Raman spectroscopy. Applied Physics Letters, 2013, 103, .	1.5	17
54	Pressure-Induced Structural and Electronic Transition in Sr ₂ ZnWO ₆ Double Perovskite. Inorganic Chemistry, 2016, 55, 6770-6775.	1.9	17

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55	Structural, dielectric and energy storage properties of Neodymium niobate with tetragonal tungsten bronze structure. <i>Physica B: Condensed Matter</i> , 2021, 618, 413185.	1.3	17
56	Determination and Rietveld refinement of the crystal structure of $\text{Li}_{0.50}\text{Ni}_{0.25}\text{TiO}(\text{PO}_4)$ from powder X-ray and neutron diffraction. <i>Powder Diffraction</i> , 2002, 17, 290-294.	0.4	16
57	Rietveld refinements of a new solid solution $\text{Ba}(3\hat{\sim}x)\text{Sr}_x(\text{PO}_4)_2$ ($0\hat{\sim}x\hat{\sim}3$). <i>Powder Diffraction</i> , 2003, 18, 122-127.	0.4	16
58	In situ high-temperature Raman study of crystalline nylon 6,12 fibers gamma-irradiated in argon atmosphere. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 2111-2118.	1.9	16
59	X-ray diffraction and Raman spectroscopy studies of BaSrMWO_6 (M= Ni, Co, Mg) double perovskite oxides. <i>Journal of Molecular Structure</i> , 2011, 985, 339-345.	1.8	16
60	Catalytic effect of potassium in $\text{Na}1\hat{\sim}x\text{K}x\text{CdPb}3(\text{PO}4)3$ to detect mercury (II) in fish and seawater using a carbon paste electrode. <i>Talanta</i> , 2016, 149, 158-167.	2.9	16
61	Understanding the electrochemical lithiation/delithiation process in the anode material for lithium ion batteries $\text{NiFeOPO}_4/\text{C}$ using ex-situ X-ray absorption near edge spectroscopy and in-situ synchrotron X-ray. <i>Electrochimica Acta</i> , 2018, 283, 1238-1244.	2.6	16
62	Crystal chemistry, vibrational spectra and factor group analysis of $\text{Ba}(3\hat{\sim})\text{Sr}(\text{PO}_4)_2$ ($0\hat{\sim}x\hat{\sim}3$) solid solution series. <i>Journal of Alloys and Compounds</i> , 2002, 343, 82-89.	2.8	15
63	Vibrational spectra and factor group analysis of $\text{M}_{0.50}\text{TiOPO}_4$ oxyphosphates (M=Mg, Zn, Ni, Co, Fe and) $\text{Tj ETQq}_{1,1}0.784314$ rgBT (1.20 15)	1.0	15
64	Structural, magnetic and magnetocaloric properties of layered perovskite $\text{La}_{1.1}\text{Bi}_{0.3}\text{Sr}_{1.6}\text{Mn}_2\text{O}_7$. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 403, 114-117.	1.0	15
65	Crystal chemistry of layered carbide, $\text{Ti}_3(\text{Si}_{0.43}\text{Ge}_{0.57})\text{C}_2$. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 2512-2516.	1.9	14
66	High-pressure studies of $\text{SrNi}_3(\text{P}_2\text{O}_7)_2$ pyrophosphate by Raman spectroscopy and X-ray diffraction. <i>Journal of Molecular Structure</i> , 2006, 794, 334-340.	1.8	14
67	X-ray diffraction and Raman spectroscopy studies of temperature and composition induced phase transitions in $\text{Ba}_2\hat{\sim}x\text{Sr}_x\text{MgTeO}_6$ ($0\hat{\sim}1/2x\hat{\sim}1/2$). <i>Journal of Alloys and Compounds</i> , 2014, 603, 86-94.	2.8	14
68	Synthesis, structural refinement and physical properties of novel perovskite ceramics $\text{Ba}_{1-x}\text{Bi}_x\text{Ti}_{1-x}\text{Mn}_x\text{O}_3$ ($x = 0.3$ and 0.4). <i>Materials Chemistry and Physics</i> , 2021, 262, 124302.	2.0	14
69	Rietveld refinements of the solid solution $\text{Li}(1\hat{\sim}2x)\text{Ni}_x\text{TiO}(\text{PO}_4)$ ($0\hat{\sim}x\hat{\sim}0.50$). <i>Materials Research Bulletin</i> , 2005, 40, 229-238.	2.7	13
70	Design and characterization of novel manganite perovskites $\text{Ba}_{1-x}\text{Bi}_x\text{Ti}_{1-x}\text{Mn}_x\text{O}_3$ ($0\hat{\sim}x\hat{\sim}0.2$). <i>Ceramics International</i> , 2020, 46, 26911-26922.	2.3	13
71	Synthesis, structure, and high temperature Mössbauer and Raman spectroscopy studies of $\text{Ba}_{1.6}\text{Sr}_{1.4}\text{Fe}_2\text{WO}_9$ double perovskite. <i>Journal of Alloys and Compounds</i> , 2011, 509, 66-71.	2.8	12
72	Rietveld refinements and vibrational spectroscopic studies of $\text{Na}_{1\hat{\sim}x}\text{K}_x\text{Pb}_4(\text{PO}_4)_3$ lacunar apatites ($0\hat{\sim}x\hat{\sim}1$). <i>Journal of Physics and Chemistry of Solids</i> , 2011, 72, 1199-1205.	1.9	12

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73	Design, structural evolution, optical, electrical and dielectric properties of perovskite ceramics $Ba_{1-x}Bi_xTi_{1-x}Fe_xO_3$ ($0 \leq x \leq 0.8$). <i>Materials Chemistry and Physics</i> , 2021, 273, 125096.	2.0	12
74	Sodium doping effect on physicochemical properties of $K_{1-x}Na_xCaPb_3(PO_4)_3$ ($0 \leq x \leq 1$) for the determination of mercury(II): Application in seawater samples. <i>Materials Research Bulletin</i> , 2014, 59, 349-357.	2.7	11
75	Elaboration, Rietveld refinements and vibrational spectroscopic study of $Na_{1-x}K_xCaPb_3(PO_4)_3$ lacunar apatites ($0 \leq x \leq 1$). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 145, 493-499.		11
76	Temperature induced structural phase transition in $Sr_{3-x}Ca_xFe_2TeO_9$ ($0 \leq x \leq 1$) probed by Raman and Mossbauer techniques. <i>Journal of Molecular Structure</i> , 2017, 1141, 484-494.	1.8	11
77	Thermal analysis and crystallization of the glasses inside the $BaO-SrO-TiO_2-NaPO_3$ system. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 883-890.	2.0	11
78	Thermal, mechanical and microstructural properties of acidic geopolymer based on moroccan kaolinitic clay. <i>Journal of Building Engineering</i> , 2021, 35, 102078.	1.6	11
79	Structural, optical, and dielectric properties of $Bi_{2-x}O_{3-x}K_{2-x}O-TiO_2-P_{2-x}O_{5-x}$ glasses and related glass-ceramics. <i>Phase Transitions</i> , 2020, 93, 1030-1047.	0.6	10
80	Effect of TiO_2 and SrO additions on some physical properties of $33Na_2O-xSrO-xTiO_2-(50-2x)B_2O_3-17P_2O_5$ glasses. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 111, 401-408.		9
81	Microstructure and flexural performances of glass fibers reinforced phosphate sludge based geopolymers at elevated temperatures. <i>Case Studies in Construction Materials</i> , 2022, 16, e00928.	0.8	9
82	Temperature and composition induced phase transitions in $Sr_{2-x}Ca_{1+x}TeO_6$ ($0 \leq x \leq 2$) double perovskite oxides. <i>Journal of Molecular Structure</i> , 2017, 1131, 103-113.	1.8	8
83	Adsorption and structural properties of hydroxy- and new lacunar apatites. <i>Journal of Molecular Structure</i> , 2020, 1202, 127225.	1.8	8
84	Structural behavior of $Sr_2Bi_2O_5$ at high pressures. <i>Journal of Solid State Chemistry</i> , 2006, 179, 544-550.	1.4	7
85	High-pressure studies of $NaCo(H_2PO_3)_3 \cdot H_2O$ phosphite by Raman spectroscopy. <i>Journal of Molecular Structure</i> , 2008, 876, 250-254.	1.8	7
86	New molybdate $Li_2Co_{2-x}Ni_x(MoO_4)_3$ ($0 \leq x \leq 2$) materials with a lyonsite structure: X-ray diffraction and Raman spectroscopy studies. <i>Journal of Molecular Structure</i> , 2013, 1031, 152-159.	1.8	7
87	Crystal structure and high temperature Raman spectroscopy of $Sr_{2-x}ZnTeO_6$ double perovskite. <i>Materials Research Express</i> , 2017, 4, 105018.	0.8	7
88	Synthesis and Rietveld refinements of new ceramics $Sr_{2-x}CaFe_{2-x}WO_9$ and $Sr_{2-x}PbFe_{2-x}TeO_9$ perovskites. <i>Powder Diffraction</i> , 2018, 33, 134-140.	0.4	7
89	Structural, optical, and dielectric properties of the $BaO-TiO_2-P_2O_5$ glasses. <i>Journal of the Australian Ceramic Society</i> , 2020, 56, 1467-1479.	1.1	7
90	Structural investigation of $SrO-BaO-TiO_2-B_2O_3-P_2O_5$ glass-ceramics. <i>Materials Today: Proceedings</i> , 2021, 37, 3798-3802.	0.9	7

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91	Statistical modeling of geopolymers from dual-alkali activation of un-calcined phosphate sludge and their potential applications as sustainable coating materials. <i>Journal of Cleaner Production</i> , 2021, 283, 125421.	4.6	7
92	Unusual superparamagnetic behavior in bulk $\text{Ba}_{0.198}\text{La}_{0.784}\text{Ti}_{0.096}\text{Fe}_{0.803}\text{O}_3$. <i>Materials Research Bulletin</i> , 2021, 137, 111187.	2.7	7
93	Effect of the composition and structure on the optical properties of $\text{Ba}_{1-x}\text{La}_x\text{Ti}_{1-x}\text{Fe}_x\text{O}_3$ ($0 \leq x \leq 1$) solid solution: Correlation study using Rietveld refinement. <i>Materials Characterization</i> , 2021, 175, 111058.	1.9	7
94	Structure-property correlations in lithium zinc cobalt metaphosphate glasses and glass-ceramics. <i>Physica B: Condensed Matter</i> , 2021, 610, 412949.	1.3	7
95	Improvement of X-ray powder diffraction patterns of the spin transition polymer $[\text{Fe}(\text{Htrz})_3](\text{ClO}_4)_2 \cdot 1.85\text{H}_2\text{O}$. <i>Powder Diffraction</i> , 2001, 16, 37-41.	0.4	6
96	$\text{K}_2\text{M}(\text{H}_2\text{P}_2\text{O}_7)_2 \cdot 2\text{H}_2\text{O}$ (M= Ni, Cu, Zn): orthorhombic forms and Raman spectra. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, 1120-1124.	0.4	6
97	BaO effect on the thermal properties of the phosphate glasses inside the $\text{Na}_2\text{O}-\text{SrO}-\text{TiO}_2-\text{B}_2\text{O}_3-\text{P}_2\text{O}_5$ system. <i>Journal of Non-Crystalline Solids</i> , 2014, 405, 33-38.	1.5	6
98	Structural investigation, dielectric, ferroelectric, and electrocaloric properties of lead-free $\text{Ba}_{(1-x)}\text{Ca}_x\text{Ti}_{(1-x)}(\text{Li}_{1/3}\text{Nb}_{2/3})_x\text{O}_3$ ($x=0.02$ and $x=0.07$) ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 18640-18649.		
99	Oxidative conversion of lignin over cobalt-iron mixed oxides prepared via the alginate gelation. <i>Catalysis Communications</i> , 2018, 117, 99-104.	1.6	6
100	Structural, chemical and mechanical properties of phosphate glass fibers. <i>Journal of Non-Crystalline Solids</i> , 2019, 522, 119587.	1.5	6
101	Optical and electrical properties of manganese doped-alkali metaphosphate glasses. <i>Materials Today: Proceedings</i> , 2020, 30, 1052-1055.	0.9	6
102	Structural and dielectric properties of $\text{K}_2\text{O}-\text{TiO}_2-\text{P}_2\text{O}_5$ glass and its associated glass-ceramic. <i>Materials Today: Proceedings</i> , 2020, 30, 849-853.	0.9	6
103	ESR, physical and structural studies on Mn^{2+} doped in mixed alkali phosphate glasses. <i>Materials Today: Proceedings</i> , 2021, 37, 3876-3881.	0.9	6
104	Manufacturing of high-performance ceramics using clays by-product from phosphate mines. <i>Materials Today: Proceedings</i> , 2021, 37, 3994-4000.	0.9	6
105	Optical and magnetic properties of perovskite materials: $\text{Ba}_{0.3}\text{La}_{0.7}\text{Ti}_{0.3}\text{Fe}_{0.7}\text{O}_3$ and $\text{Ba}_{0.1}\text{La}_{0.9}\text{Ti}_{0.1}\text{Fe}_{0.9}\text{O}_3$. <i>Journal of Rare Earths</i> , 2022, 40, 652-659.	2.5	6
106	Synthesis and crystallochemistry of $\text{Na}_4\text{CrNi}(\text{PO}_4)_3$. <i>Powder Diffraction</i> , 2004, 19, 162-164.	0.4	5
107	Ab initio study of $\text{Ti}_3\text{Si}_0.5\text{Ge}_0.5\text{C}_2$ under pressure. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 2149-2153.	1.9	5
108	X-ray structure refinement of solid solution $\text{Ba}_{2.15-x}\text{Na}_{0.7+x}\text{Nb}_{5-x}\text{W}_x\text{O}_{15}$ and the investigation of the orthorhombic-tetragonal phase transition by Raman spectroscopy. <i>Journal of Molecular Structure</i> , 2011, 988, 136-143.	1.8	5

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109	Structural, vibrational, and dielectric investigations of Ba _{0.925} Bi _{0.05} (Ti _{0.95} ^x Zr _x)Sn _{0.05} O ₃ ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 16144-16154.	1.1	5
110	Structural, Magnetic and Optical Properties Study of Tellurium-Based Perovskites: Sr ₃ ^x Pb _x Fe ₂ TeO ₉ (0 ≤ x ≤ 2.25). Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 1990-2006.	1.9	5
111	Synthesis, structural and optical properties of perovskites-type: Sr ₃ Fe _{2+x} Mo _{1-x} O ₉ ^{3/2} (x = 0.30, 0.45, 0.60.) Tj ETQq1 1 0.784314	1.0	5
112	Synthesis and electrochemical properties of KPb _{4-x} Cax(PO ₄) ₃ (0 ≤ x ≤ 1.5) for oxidation of cadmium at graphite electrode. Materials Chemistry and Physics, 2017, 188, 75-85.	2.0	4
113	Structural and Mössbauer Studies of Sr _{1.5} Ca _{1.5} Fe _{2.25} Mo _{0.75} O ₉ ¹ and Sr _{1.92} Ca _{1.08} Fe _{2.04} W _{0.96} O ₉ ¹ Double Perovskites. Journal of Structural Chemistry, 2020, 61, 861-872.	0.3	4
114	Magnetic, Magnetocaloric Properties and Phenomenological Model of Perovskite Type: Sr ₃ Fe _{2+x} Mo _{1-x} O ₉ ^{3x/2} (x = 0.45, 0.60, and 1.00). Journal of Superconductivity and Novel Magnetism, 2022, 35, 1299-1306.	0.8	4
115	Voltammetric determination of Hg(II) using apatite anion-deficient apatite/graphite composite. Ionics, 2015, 21, 2051-2060.	1.2	3
116	Temperature and nickel substitution effects on the phase transitions in the Sr ₂ Zn _{1-x} Ni _x WO ₆ (0 ≤ x ≤ 1) double perovskite. Journal of Alloys and Compounds, 2016, 689, 233-245.	2.8	3
117	Voltammetric determination of trace level of cadmium in mussels and seawaters by a lacunar apatite-modified carbon electrode. Journal of Food Measurement and Characterization, 2019, 13, 2318-2327.	1.6	3
118	Crystal structure and optical properties of a new nickel magnesium diphosphate. Journal of Molecular Structure, 2021, 1223, 128983.	1.8	3
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