Bouchaib Manoun

List of Publications by Year
in descending order

140	2,802	172386	233338
papers	citations	29 h-index	45 g-index

148	148	148	2312
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optical and magnetic properties of perovskite materials: Ba0.3La0.7Ti0.3Fe0.7O3 and Ba0.1La0.9Ti0.1Fe0.9O3. Journal of Rare Earths, 2022, 40, 652-659.	2.5	6
2	Analyse of structural and electrical properties of NaBa(2-x)Nd2x/3Nb5O15 solid solution with (0 â‰¤ x) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.0	2
3	Elucidation of the sodiation/desodiation mechanism in Ca0.5Ti2(PO4)3/C as promising electrode for sodium batteries: New insights into the phase transitions. Journal of Energy Chemistry, 2022, 70, 36-44.	7.1	3
4	Microstructure and flexural performances of glass fibers reinforced phosphate sludge based geopolymers at elevated temperatures. Case Studies in Construction Materials, 2022, 16, e00928.	0.8	9
5	Magnetic, Magnetocaloric Properties and Phenomenological Model of Perovskite Type: Sr3Fe2+xMo1â^'xO9â^'3x/2 (xâ€‰=â€‰0.45, 0.60, and 1.00). Journal of Superconductivity and Novel Magnetism, 2022, 35, 1299-1306.	0.8	4
6	Correlation between crystal structure, optical and chromatic properties of Diphosphate based Nickel and Magnesium. Journal of Molecular Structure, 2022, 1268, 133689.	1.8	0
7	Thermal, optical and electrical properties of MnO2-doped mixed sodium potassium phosphate glasses. Journal of Thermal Analysis and Calorimetry, 2021, 146, 1077-1090.	2.0	0
8	Crystal structure and optical properties of a new nickel magnesium diphosphate. Journal of Molecular Structure, 2021, 1223, 128983.	1.8	3
9	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
10	Structural investigation of SrO-BaO-TiO2-B2O3-P2O5 glass-ceramics. Materials Today: Proceedings, 2021, 37, 3798-3802.	0.9	7
11	ESR, physical and structural studies on Mn2+ doped in mixed alkali phosphate glasses. Materials Today: Proceedings, 2021, 37, 3876-3881.	0.9	6
12	Statistical modeling of geopolymers from dual-alkali activation of un-calcined phosphate sludge and their potential applications as sustainable coating materials. Journal of Cleaner Production, 2021, 283, 125421.	4.6	7
13	Thermal, mechanical and microstructural properties of acidic geopolymer based on moroccan kaolinitic clay. Journal of Building Engineering, 2021, 35, 102078.	1.6	11
14	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
15	Manufacturing of high-performance ceramics using clays by-product from phosphate mines. Materials Today: Proceedings, 2021, 37, 3994-4000.	0.9	6
16	Eco-friendly Geopolymer Composite Based on Non-heat-treated Phosphate Sludge Reinforced With Polypropylene Fibers. Silicon, 2021, 13, 2389-2400.	1.8	18
17	On the structural phase transitions and optical properties of Sr2Sr1-xCaxTeO6 (0â€‰â‰€â€‰xâ€‰â‰€â€‰1) ceramics. Journal of Electroceramics, 2021, 46, 1-13.	0.8	2
18	Synthesis, structural refinement and physical properties of novel perovskite ceramics Ba1-xBixTi1-xMnxO3 (x = 0.3 and 0.4). Materials Chemistry and Physics, 2021, 262, 124302.	2.0	14

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19	Synthesis, structural and optical properties of perovskites-type: Sr3Fe2+Mo1â˜'O9â˜'3/2 (xÂ=Â0.30, 0.45, 0.60,) Tj ETQq1 1 0.784314 rg	1.0	5
20	Unusual superparamagnetic behavior in bulk Ba0.198La0.784Ti0.096Fe0.8O3-Î´. Materials Research Bulletin, 2021, 137, 111187.	2.7	7
21	Effect of the composition and structure on the optical properties of Ba1-xLaxTi1-xFexO3 (0Ââ‰ÂxÂâ‰Â1) solid solution: Correlation study using Rietveld refinement. Materials Characterization, 2021, 175, 111058.	1.9	7
22	Structure-property correlations in lithium zinc cobalt metaphosphate glasses and glass-ceramics. Physica B: Condensed Matter, 2021, 610, 412949.	1.3	7
23	Structural, dielectric, and ferroelectric properties of Na0.5(Bi1-xNdx)0.5TiO3 ceramics for energy storage and electrocaloric applications. Ceramics International, 2021, 47, 26539-26551.	2.3	23
24	Structural, dielectric and energy storage properties of Neodymium niobate with tetragonal tungsten bronze structure. Physica B: Condensed Matter, 2021, 618, 413185.	1.3	17
25	Design, structural evolution, optical, electrical and dielectric properties of perovskite ceramics Ba1-xBixTi1-xFexO3 (0 â‰ x â‰ 0.8). Materials Chemistry and Physics, 2021, 273, 125096.	2.0	12
26	Structural determination, dielectric and photoluminescence properties of Ba0.975Ln0.017(Ti0.95-xZrxSn0.05)O3 (Ln = Eu, Ho; x= 0.05, 0.20). Physica B: Condensed Matter, 2021, 623, 413365.	1.3	2
27	Adsorption and structural properties of hydroxy- and new lacunar apatites. Journal of Molecular Structure, 2020, 1202, 127225.	1.8	8
28	Effect of BaOâ€"Bi2O3â€"P2O5 glass additive on structural, dielectric and energy storage properties of BaTiO3 ceramics. Materials Chemistry and Physics, 2020, 241, 122434.	2.0	36
29	Complex impedance and Raman spectroscopy of Na0.5(Bi1-xDyx)0.5TiO3 ceramics. Ceramics International, 2020, 46, 10979-10991.	2.3	46
30	Optimization Studies of Porous Carbon Preparation from Oil Shale Using Response Surface Methodology and Its Application for Phenol Adsorption. Chemical Research in Chinese Universities, 2020, 36, 1339-1347.	1.3	1
31	Structural and MÃ¶ssbauer Studies of Sr1.5Ca1.5Fe2.25Mo0.75O9â˜'Î´ and Sr1.92Ca1.08Fe2.04W0.96O9â˜'Î´ Double Perovskites. Journal of Structural Chemistry, 2020, 61, 861-872.	0.3	4
32	Design and characterization of novel manganite perovskites Ba1-xBixTi1-xMnxO3 (0â‰xâ‰0.2). Ceramics International, 2020, 46, 26911-26922.	2.3	13
33	Structural, optical, and dielectric properties of Bi₂O₃-K₂O-TiO₂-P₂O₅ glasses and related glass-ceramics. Phase Transitions, 2020, 93, 1030-1047.	0.6	10
34	Sub and super-critical extraction of oils from Moroccan oil shale with ammonia. Materials Today: Proceedings, 2020, 30, 854-859.	0.9	2
35	Optical and electrical properties of manganese doped-alkali metaphosphate glasses. Materials Today: Proceedings, 2020, 30, 1052-1055.	0.9	6
36	Structural, dielectric, electrocaloric and energy storage properties of lead free Ba0.975La0.017(ZrxTi0.95-x)Sn0.05O3 (x = 0.05; 0.20) ceramics. Materials Chemistry and Physics, 2020, 252, 123462.	2.0	22

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37	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
38	Structural, optical, and dielectric properties of the BaOâ€“TiO2â€“P2O5 glasses. Journal of the Australian Ceramic Society, 2020, 56, 1467-1479.	1.1	7
39	Structural, Magnetic and Optical Properties Study of Tellurium-Based Perovskites: Sr3â^'xPbxFe2TeO9 (0Â‰ÂxÂ‰Â2.25). Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 1990-2006.	1.9	5
40	Structural and dielectric properties of K2O-TiO2-P2O5 glass and its associated glass-ceramic. Materials Today: Proceedings, 2020, 30, 849-853.	0.9	6
41	Structural, chemical and mechanical properties of phosphate glass fibers. Journal of Non-Crystalline Solids, 2019, 522, 119587.	1.5	6
42	Elaboration, Vibrational Study and Thermal Behavior of Lacunar Apatites NaPb3â^'xCdxCa(PO4)3 (0 â‰ x â‰) Tj ETQq0 0 0 rgBT /Overl	0.3	2
43	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
44	Characterization and densification of defect pyrochlore oxide powders ABi2Ta5O16 (A=Na, Tl). Heliyon, 2019, 5, e01628.	1.4	1
45	Cationic distribution in the new Nd2CaSnO6 perovskite type phase. Mediterranean Journal of Chemistry, 2019, 8, 462-469.	0.3	1
46	Structural, electronic, optical properties and first-principles calculations of Sr1-xCaxWO4 ceramics. Mediterranean Journal of Chemistry, 2019, 9, 199-211.	0.3	0
47	Mechanism of the First Lithiation/Delithiation Process in the Anode Material CoFeOPO₄@C for Li-Ion Batteries. Journal of Physical Chemistry C, 2018, 122, 7139-7148.	1.5	18
48	Synthesis and Rietveld refinements of new ceramics Sr₂CaFe₂WO₉ and Sr₂PbFe₂TeO₉ perovskites. Powder Diffraction, 2018, 33, 134-140.	0.4	7
49	Nickel Orthophosphate Ni3(PO4)2: New Conversion-type Anode Material for Lithium ion Batteries. , 2018, , .		2
50	Elaboration, Rietveld Refinements and Vibrational Spectroscopic Studies of a new Lacunar Apatite Series: NaPb_{3-x} Ca_xCd(PO₄)₃ (0 â‰ Â— â‰ 1). Journal of Chemical Research, 2018, 42, 564-571.	0.6	2
51	Structural investigation, dielectric, ferroelectric, and elecrocaloric properties of lead-free Ba(1â^'x)CaxTi(1â^'x)(Li1/3Nb2/3)xO3â^Ï´ (xâ€‰=â€‰0.02 and xâ€‰=â€‰0.07) ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 18640-18649.	2.2	6
52	Oxidative conversion of lignin over cobalt-iron mixed oxides prepared via the alginate gelation. Catalysis Communications, 2018, 117, 99-104.	1.6	6
53	Understanding the electrochemical lithiation/delithiation process in the anode material for lithium ion batteries NiFeOPO4/C using ex-situ X-ray absorption near edge spectroscopy and in-situ synchrotron X-ray. Electrochimica Acta, 2018, 283, 1238-1244.	2.6	16
54	Dielectric, ferroelectric, and energy storage properties in dysprosium doped sodium bismuth titanate ceramics. Ceramics International, 2018, 44, 19451-19460.	2.3	86

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55	Structural, vibrational, and dielectric investigations of Ba0.925Bi0.05(Ti0.95â^'xZrx)Sn0.05O3 ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 16144-16154.	1.1	5
56	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
57	Layered P2-Na2/3Co1/2Ti1/2O2 as a high-performance cathode material for sodium-ion batteries. Journal of Power Sources, 2017, 342, 998-1005.	4.0	46
58	Structure, thermal analysis and optical properties of lithium tungsten-titanophosphate glasses. Journal of Non-Crystalline Solids, 2017, 463, 12-18.	1.5	32
59	Sequence of structural transitions and electrocaloric properties in (Ba1-xCax)(Zr0.1Ti0.9)O3 ceramics. Journal of Alloys and Compounds, 2017, 713, 164-179.	2.8	62
60	Synthesis, characterization and electrochemical investigation of NaPb 4â^'x Ca x (PO 4) 3 (0Ââ‰ÂxÂâ‰Â1.5) in capturing cadmium (II). South African Journal of Chemical Engineering, 2017, 23, 98-106.	1.2	1
61	Temperature induced structural phase transition in Sr3-Ca Fe2TeO9 (0Ââ‰ÂxÂâ‰Â1) probed by Raman and Mossbauer techniques. Journal of Molecular Structure, 2017, 1141, 484-494.	1.8	11
62	Thermal analysis and crystallization of the glasses inside the BaOâ€“SrOâ€“TiO2â€“NaPO3 system. Journal of Thermal Analysis and Calorimetry, 2017, 128, 883-890.	2.0	11
63	Synthesis and electrochemical properties of KPb4â^'xCax(PO4)3 (0Ââ‰ÂxÂâ‰Â1.5) for oxidation of cadmium at graphite electrode. Materials Chemistry and Physics, 2017, 188, 75-85.	2.0	4
64	Crystal structure and high temperature Raman spectroscopy of Sr₂ZnTeO₆double perovskite. Materials Research Express, 2017, 4, 105018.	0.8	7
65	Temperature and composition induced phase transitions in Sr2â^'xCa1+xTeO6 (0Ââ‰ÂxÂâ‰Â2) double perovskite oxides. Journal of Molecular Structure, 2017, 1131, 103-113.	1.8	8
66	Temperature and nickel substitution effects on the phase transitions inÂthe Sr2Zn1â^'xNixWO6 (0Ââ‰ÂxÂâ‰Â1) double perovskite. Journal of Alloys and Compounds, 2016, 689, 233-245.	2.8	3
67	Pressure-Induced Structural and Electronic Transition in Sr₂ZnWO₆ Double Perovskite. Inorganic Chemistry, 2016, 55, 6770-6775.	1.9	17
68	Structural, magnetic and magnetocaloric properties of layered perovskite La1.1Bi0.3Sr1.6Mn2O7. Journal of Magnetism and Magnetic Materials, 2016, 403, 114-117.	1.0	15
69	Catalytic effect of potassium in Na 1â^'x K x CdPb 3 (PO 4) 3 to detect mercury (II) in fish and seawater using a carbon paste electrode. Talanta, 2016, 149, 158-167.	2.9	16
70	Elaboration, Rietveld refinements and vibrational spectroscopic study of Na 1â^' x K x CaPb 3 (PO 4) 3 lacunar apatites (0 â©½ x â©½ 1). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 145, 493-499.	2.0	11
71	Voltammetric determination of Hg(II) using apatite anion-deficient apatite/graphite composite. Ionics, 2015, 21, 2051-2060.	1.2	3
72	High temperature and composition induced phase transitions in LiZnV1â^'xAsxO4 phenacites: Crystal structure and Raman spectroscopy studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 151, 956-964.	2.0	0

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73	Sequence of phase transitions induced by chemical composition and high temperature in [Ba2CaWO6](1â˜'x)[Sr2CaWO6]x double perovskite tungsten oxides. Journal of Solid State Chemistry, 2015, 232, 182-192.	1.4	0
74	X-ray diffraction and Raman spectroscopy studies of temperature and composition induced phase transitions in Ba2â˜'xSrxMgTeO6 (0â©½xâ©½2). Journal of Alloys and Compounds, 2014, 603, 86-94.	2.8	14
75	Sodium doping effect on physicochemical properties of K 1â˜'x Na x CaPb 3 (PO 4) 3 (0 â‰ x â‰ 1) for the determination of mercury(II): Application in seawater samples. Materials Research Bulletin, 2014, 59, 349-357.	2.7	11
76	BaO effect on the thermal properties of the phosphate glasses inside the Na 2 O â€“SrOâ€“TiO 2 â€“B 2 O 3 â€“P 2 O 5 system. Journal of Non-Crystalline Solids, 2014, 405, 33-38.	1.5	6
77	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
78	Phase transitions in heated Sr2MgTeO6 double perovskite oxide probed by X-ray diffraction and Raman spectroscopy. Applied Physics Letters, 2013, 103, .	1.5	17
79	Effect of TiO2 and SrO additions on some physical properties of 33Na2Oâ€“xSrOâ€“xTiO2â€“(50Ââ˜'Â2x)B2O3â€“17P2O5 glasses. Journal of Thermal Analysis and Calorimetry, 2013, 111, 401-408.	2.3	9
80	X-ray diffraction and Raman spectroscopy studies of temperature and composition induced phase transitions in Ba2â˜'xSrxMWO6 (M=Ni, Co and 0â©½xâ©½2) double perovskite oxides. Journal of Molecular Structure, 2013, 1045, 1-14.	1.8	20
81	New molybdate Li2Co2â˜'x Nix (MoO4)3 (0â©½xâ©½2) materials with a lyonsite structure: X-ray diffraction and Raman spectroscopy studies. Journal of Molecular Structure, 2013, 1031, 152-159.	1.8	7
82	Raman Spectroscopy, X-Ray, SEM, and DTA Analysis of Alkali-Phosphate Glasses Containing<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:msub><mml:mrow><mml:mtext>WO</mml:mtext></mml:mrow><mml:mtext>3</mml:mtext></mml:msub> Nb₂O₅. Journal of Spectroscopy, 2013, 2013, 1-10.	0.6	30
83	High temperature induced phase transitions in Sr2ZnWO6 and Sr2CoWO6 double perovskite oxides: Raman spectroscopy as a tool. Journal of Molecular Structure, 2012, 1029, 81-85.	1.8	31
84	X-ray diffraction and Raman spectroscopy studies of temperature and composition induced phase transitions in Ba2â˜'xSrxZnWO6 (0â‰xâ‰2) double perovskite oxides. Journal of Alloys and Compounds, 2012, 533, 43-52.	2.8	21
85	Structural changes upon lithium insertion in Ni 0.5 TiOPO 4. Journal of Alloys and Compounds, 2012, 530, 178-185.	2.8	25
86	Vibrational spectra and factor group analysis of M0.50TiOPO4 oxyphosphates (M=Mg, Zn, Ni, Co, Fe and) Tj ETQq0 0 0 rgBT /Overlock 1	2.0	15
87	Elaboration and structural characterization of glasses inside the ternary SrO-TiO2-P2O5 system. Journal of Physics and Chemistry of Solids, 2012, 73, 961-968.	1.9	20
88	Synthesis, structure, and high temperature MÃ¶ssbauer and Raman spectroscopy studies of Ba1.6Sr1.4Fe2WO9 double perovskite. Journal of Alloys and Compounds, 2011, 509, 66-71.	2.8	12
89	Crystal structures and magnetic properties of iron (III)-based phosphates: Na4NiFe(PO4)3 and Na2Ni2Fe(PO4)3. Journal of Alloys and Compounds, 2011, 509, 1163-1171.	2.8	35
90	Rietveld refinements and vibrational spectroscopic studies of Na1â˜'xKxPb4(PO4)3 lacunar apatites (0â‰xâ‰1). Journal of Physics and Chemistry of Solids, 2011, 72, 1199-1205.	1.9	12

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91	X-ray diffraction and Raman spectroscopy studies of BaSrMWO6 (MNi, Co, Mg) double perovskite oxides. Journal of Molecular Structure, 2011, 985, 339-345.	1.8	16
92	X-ray structure refinement of solid solution Ba2.15â˜'xNa0.7+xNb5â˜'xWxO15 and the investigation of the orthorhombic-tetragonal phase transition by Raman spectroscopy. Journal of Molecular Structure, 2011, 988, 136-143.	1.8	5
93	Synthesis, Rietveld refinements and Raman spectroscopic studies of tricationic lacunar apatites Na1â˜'xKxPb4(AsO4)3 (0â©½xâ©½1). Journal of Molecular Structure, 2011, 986, 1-9.	1.8	29
94	X-ray diffraction and vibrational Raman spectra of the Li2â˜'Na Co2(MoO4)3 (0 â©½xâ©½ 1.4) solid solution with a lyonsite structure. Journal of Molecular Structure, 2010, 965, 7-13.	1.8	22
95	High temperature Raman spectroscopy studies of the phase transitions in Sr2NiWO6 and Sr2MgWO6 double perovskite oxides. Journal of Molecular Structure, 2010, 971, 18-22.	1.8	34
96	Synthesis, Rietveld refinements and Raman spectroscopy studies of the solid solution Na1â˜'xKxPb4(VO4)3 (0â©½xâ©½1). Journal of Molecular Structure, 2010, 963, 258-266.	1.8	29
97	Crystal chemistry, Rietveld refinements and Raman spectroscopy studies of the new solid solution series: Ba3â˜'xSrx(VO4)2 (0â‰¤xâ‰¤3). Journal of Alloys and Compounds, 2010, 498, 42-51.	2.8	23
98	Bulk moduli of Cr2GaC and Ti2GaN up to 50GPa. Journal of Alloys and Compounds, 2010, 505, 328-331.	2.8	17
99	Raman spectroscopic study of the phase transitions sequence in Li3Fe2(PO4)3 and Na3Fe2(PO4)3 at high temperature. Journal of Molecular Structure, 2009, 936, 147-155.	1.8	48
100	On the compression behavior of Ti2InC, (Ti0.5, Zr0.5)2InC, and M2SnC (, Nb, Hf) to quasi-hydrostatic pressures up to 50 GPa. Solid State Communications, 2009, 149, 1978-1983.	0.9	27
101	High-pressure studies of NaCo(H2PO3)3Â·H2O phosphite by Raman spectroscopy. Journal of Molecular Structure, 2008, 876, 250-254.	1.8	7
102	High-pressure study of the Sr2CoWO6 ordered double perovskite tungstate oxide. Journal of Molecular Structure, 2008, 888, 244-252.	1.8	29
103	Structural and Dielectric Properties of BaTiO3-NaPO3 Glass-Ceramics. Ferroelectrics, 2008, 371, 56-62.	0.3	1
104	Infrared spectrum and compressibility of Ti3GeC2 to 51GPa. Journal of Alloys and Compounds, 2007, 433, 265-268.	2.8	45
105	On the compression behaviour of (Ti0.5,V0.5)2AlC and (Ti0.5,Nb0.5)2AlC to quasi-hydrostatic pressures above 50 GPa. Journal of Physics Condensed Matter, 2007, 19, 246215.	0.7	26
106	On the compression behavior of Cr₂GeC and V₂GeC up to quasi-hydrostatic pressures of 50 GPa. Journal of Physics Condensed Matter, 2007, 19, 456218.	0.7	40
107	Synthesis and compressibility of Ti3(Al,Sn0.2)C2 and Ti3Al(C0.5,N0.5)2. Journal of Applied Physics, 2007, 101, 113523.	1.1	79
108	High-pressure x-ray diffraction study of Ta4AlC3. Applied Physics Letters, 2006, 88, 201902.	1.5	108

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109	A high-pressure Raman spectroscopic study of hafnon, HfSiO4. American Mineralogist, 2006, 91, 1888-1892.	0.9	35
110	Compression behavior ofM2AlC(M=Ti, V, Cr, Nb, and Ta) phases to above50GPa. Physical Review B, 2006, 73, .	1.1	162
111	Crystal chemistry of layered carbide, Ti3(Si0.43Ge0.57)C2. Journal of Physics and Chemistry of Solids, 2006, 67, 2512-2516.	1.9	14
112	Pressure-induced structural changes of the tetragonal Bi2CuO4. Journal of Solid State Chemistry, 2006, 179, 1202-1207.	1.4	1
113	High-pressure studies of SrNi3(P2O7)2 pyrophosphate by Raman spectroscopy and X-ray diffraction. Journal of Molecular Structure, 2006, 794, 334-340.	1.8	14
114	Ab initio study of Ti3Si0.5Ge0.5C2 under pressure. Journal of Physics and Chemistry of Solids, 2006, 67, 2149-2153.	1.9	5
115	In situ high-temperature Raman study of crystalline nylon 6,12 fibers gamma-irradiated in argon atmosphere. Journal of Physics and Chemistry of Solids, 2006, 67, 2111-2118.	1.9	16
116	X-ray high-pressure study of Ti2AlN and Ti2AlC. Journal of Physics and Chemistry of Solids, 2006, 67, 2091-2094.	1.9	107
117	Structural behavior of Sr2Bi2O5 at high pressures. Journal of Solid State Chemistry, 2006, 179, 544-550.	1.4	7
118	Pressure-induced structural changes in Bi2SrO4 compound. Materials Research Bulletin, 2006, 41, 2007-2012.	2.7	0
119	Pressure-induced orderâ€“disorder transitions in pyrochlore RE2Ti2O7 (RE=Y, Gd). Materials Letters, 2006, 60, 2773-2776.	1.3	66
120	Thermal Expansion of Polycrystalline Ti3SiC2 in the 25o-1400oC Temperature Range. Journal of the American Ceramic Society, 2005, 88, 3489-3491.	1.9	18
121	Compression behavior of TaC0.98 under nonhydrostatic and quasi-hydrostatic pressures up to 76GPa. International Journal of Refractory Metals and Hard Materials, 2005, 23, 109-114.	1.7	38
122	Rietveld refinements of the solid solution Li(1â^'2x)NixTiO(PO4) (0â‰xâ‰0.50). Materials Research Bulletin, 2005, 40, 229-238.	2.7	13
123	K2M(H2P2O7)2Â·2H2O (M= Ni, Cu, Zn): orthorhombic forms and Raman spectra. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, i120-i124.	0.4	6
124	High pressure study of Ti4AlN3 to 55 GPa. Applied Physics Letters, 2005, 86, 101906.	1.5	58
125	Structure change of pyrochlore Sm2Ti2O7 at high pressures. Applied Physics Letters, 2005, 86, 181906.	1.5	94
126	Synthesis and crystallochemistry of Na4CrNi(PO4)3. Powder Diffraction, 2004, 19, 162-164.	0.4	5

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127	Compression behavior of VC0.85 up to 53 GPa. International Journal of Refractory Metals and Hard Materials, 2004, 22, 129-132.	1.7	40
128	Compression of Zr2InC to 52GPa. Applied Physics Letters, 2004, 85, 1514-1516.	1.5	65
129	High-pressure Raman study of the Sr2CaWO6 double perovskite. Journal of Physics Condensed Matter, 2004, 16, 8367-8376.	0.7	24
130	Compression of Ti3Si0.5Ge0.5C2 to 53 GPa. Applied Physics Letters, 2004, 84, 2799-2801.	1.5	57
131	Raman spectroscopic study of phase transitions in Li3PO4. Journal of Raman Spectroscopy, 2003, 34, 77-83.	1.2	63
132	Rietveld refinements of a new solid solution Ba(3â^'x)Srx(PO4)2 (0â‰¤xâ‰¤3). Powder Diffraction, 2003, 18, 122-127.	0.4	16
133	Synthesis and X-ray characterization of Li(1â^'2x)NixTiO(PO4) (0â‰¤xâ‰¤0.50). Powder Diffraction, 2003, 18, 301-305.	0.4	2
134	Determination and Rietveld refinement of the crystal structure of Li0.50Ni0.25TiO(PO4) from powder X-ray and neutron diffraction. Powder Diffraction, 2002, 17, 290-294.	0.4	16
135	Crystal chemistry, vibrational spectra and factor group analysis of Ba(3â^')Sr (PO4)2 (0â‰¤xâ‰¤3) solid solution series. Journal of Alloys and Compounds, 2002, 343, 82-89.	2.8	15
136	Improvement of X-ray powder diffraction patterns of the spin transition polymer [Fe(Htrz)3](ClO4)2â‹…1.85H2O. Powder Diffraction, 2001, 16, 37-41.	0.4	6
137	The crystal chemistry and Raman spectroscopy of kimberlitic (G-9) garnets. Crystal Engineering, 2001, 4, 283-291.	0.7	0
138	Low-wavenumber Raman spectra of the spin-transition complexes [Fe(NH2 trz)3](ClO4)2 and [Fe(Htrz)3](ClO4)2. Journal of Raman Spectroscopy, 2001, 32, 339-344.	1.2	26
139	Ab initio determination and Rietveld refinement of the crystal structure of Ni0.50TiO(PO4). Powder Diffraction, 1999, 14, 10-15.	0.4	31
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