Adam Andrzej Pietraszko

List of Publications by Year
in descending order

103	1,645	304743 22	377865 34
papers	citations	h-index	g-index

106	106	106	1837
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	1D metal-oxalates H2DABCO[M(C2O4)2]Â·3H2O (M(ii): Co, Mg, Zn): phase transitions and magnetic, dielectric, and phonon properties. Journal of Materials Chemistry C, 2020, 8, 6254-6263.	5.5	8
2	Investigation of the thermal and conductive properties of oxalic acid salts with planar and undulating proton-conducting layers. CrystEngComm, 2020, 22, 2031-2041.	2.6	6
3	The structures and phase transitions in 4-aminopyridinium tetraaquabis(sulfato)iron(III), (C₅H₇N₂)[Fe^{III}(H₂O)₄(SO₄)₂]. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 1144-1151.	1.1	1
4	Magnetic properties of Sr0.95Nd0.05Fe12-xScxO19 hexaferrite nanocrystals: (T, H, x) phase diagram. Ceramics International, 2019, 45, 1189-1195.	4.8	11
5	Dipolar glass-like dielectric response of nanocrystalline Sr0.95Nd0.05Fe12-xScxO19 hexaferrites. Applied Physics Letters, 2018, 112, .	3.3	7
6	Infrared spectra and other properties predictions of 5-amino-3-methyl-4-isoxazolecarbohydrazide with electric field simulation using CPC model. Journal of Molecular Structure, 2018, 1161, 320-338.	3.6	10
7	Structure, dielectric and electric properties of diisobutylammonium hydrogen sulfate crystal. Journal of Solid State Chemistry, 2018, 258, 753-761.	2.9	2
8	Impedance spectroscopy studies of proton conductivity in imidazolium malonate. Solid State Ionics, 2017, 306, 25-30.	2.7	8
9	Synthesis, structural characterization, IR- and Raman spectroscopy, magnetic properties of new organically templated metal sulfates with 4-aminopyridinium. Journal of Molecular Structure, 2016, 1120, 138-149.	3.6	17
10	Synthesis, structure and characterization of five new organically templated metal sulfates with 2-aminopyridinium. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 432-441.	0.5	8
11	Synthesis and characterization of four organicâ€“inorganic salts: sulfates of 2-aminopyridinium derivatives. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 882-889.	0.5	3
12	Dielectric and magnetic response of SrFe12O19â€“CoFe2O4 composites obtained by solid state reaction. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2016, 207, 47-55.	3.5	54
13	Physical and Structural Characterization of Imidazolium-Based Organicâ€“Inorganic Hybrid: (C₃N₂H₅)₂[CoCl₄]. Journal of Physical Chemistry A, 2016, 120, 2014-2021.	2.5	29
14	Luminescence, magnetic and vibrational properties of novel heterometallic niccolites [(CH3)2NH2][CrIIIMII(HCOO)6] (MII=Zn, Ni, Cu) and [(CH3)2NH2][AlIIIZnII(HCOO)6]:Cr3+. Journal of Solid State Chemistry, 2016, 233, 455-462.	2.9	19
15	Crystal structure of tris(piperidinium) hydrogen sulfate sulfate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1444-1446.	0.5	3
16	Correction to Polymorphism and Polytypism of Î±-LiNH₄SO₄ Crystals. Monte Carlo Modeling Based on X-ray Diffuse Scattering. Crystal Growth and Design, 2015, 15, 4713-4713.	3.0	0
17	Dielectric and magnetic properties of (Bi1-xLaxFeO3)0.5(PbTiO3)0.5 ceramics prepared by high energy mechanochemical technique. Journal of Electroceramics, 2015, 35, 33-44.	2.0	9
18	Synthesis and characterization of [(CH₃)₂NH₂][Na_{0.5}Cr_{0.5}(HCOO)₃]; a rare example of luminescent metalâ€“organic frameworks based on Cr(<scp>iii</scp>) ions. Dalton Transactions, 2015, 44, 6871-6879.	3.3	66

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19	Modal disorder and phase transition in Rb0.91Nb0.96W1.04O5.98. Interpretation of X-ray diffuse scattering using the group theory approach. Journal of Solid State Chemistry, 2015, 230, 325-336.	2.9	7
20	Crystal structure of an organicâ€“inorganic hybrid compound based on morpholinium cations and a Î²-type Anderson polyanion. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1345-1348.	0.5	0
21	Crystal structure of new organically templated copper sulfate with 2-aminopyridinium. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, m191-m192.	0.5	9
22	Effect of thermal treatment on magnetic and dielectric response of SrM hexaferrites obtained by hydrothermal synthesis. Phase Transitions, 2014, 87, 938-952.	1.3	10
23	The crystal structure and the phase transitions of pyridinium trifluoromethanesulfonate. Materials Research Express, 2014, 1, 015705.	1.6	5
24	XRD and Raman spectroscopy studies of (Bi_{1â€“x}La_xFeO₃)_{0.5}(PbTiO₃)_{0.5} solid solution. Phase Transitions, 2014, 87, 909-921.	1.3	5
25	Growth and characterization of nonlinear optical telluromolybdate CoTeMoO 6 single crystals. Journal of Solid State Chemistry, 2014, 220, 142-148.	2.9	11
26	Proton Conducting Compound of Benzimidazole with Sebacic Acid: Structure, Molecular Dynamics, and Proton Conductivity. Crystal Growth and Design, 2014, 14, 1211-1220.	3.0	23
27	Structure, Phonon Properties, and Orderâ€“Disorder Transition in the Metal Formate Framework of [NH₄][Mg(HCOO)₃]. Inorganic Chemistry, 2014, 53, 787-794.	4.0	120
28	Synthesis and orderâ€“disorder transition in a novel metal formate framework of [(CH₃)₂NH₂]Na_{0.5}Fe_{0.5}(HCOO)₃]. Dalton Transactions, 2014, 43, 17075-17084.	3.3	75
29	Polymorphism and Polytypism of Î±-LiNH₄SO₄ Crystals. Monte Carlo Modeling Based on X-ray Diffuse Scattering. Crystal Growth and Design, 2014, 14, 5784-5793.	3.0	8
30	Dielectric response and specific heat studies of Cd2Nb2O7 ceramics obtained from mechano-synthesized nanopowders. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2013, 60, 1603-1611.	3.0	1
31	Investigation of structureâ€“properties relationship in a novel family of halogenoantimonates(iii) and halogenobismuthates(iii) with morpholinium cation: [NH2(C2H4)2O]MX4. Crystal structure, phase transitions and dynamics of molecules. Dalton Transactions, 2013, 42, 15069.	3.3	28
32	Structure, hydrogen bond network and proton conductivity of new benzimidazole compounds with dicarboxylic acids. CrystEngComm, 2013, 15, 1950.	2.6	30
33	BiFeO₃single crystal as resistive switching element for application in microelectronic devices. Phase Transitions, 2013, 86, 284-289.	1.3	7
34	The first Ni(II) complexes of 5-nitroorotate ligand with the tridentate and bidentate coordination modes. Crystal and molecular structures, vibrational spectra and magnetic properties. Polyhedron, 2013, 49, 259-268.	2.2	16
35	Local structure of Rb2Li4(SeO4)3Â·2H2O by the modeling of X-ray diffuse scattering â€” from average-structure to microdomain model. Journal of Solid State Chemistry, 2012, 192, 54-59.	2.9	0
36	Structure and molecular dynamics of bis-1H-1,2,4-triazole succinic acid complex crystals. CrystEngComm, 2011, 13, 3698.	2.6	13

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37	Anomalous thermal expansion of an organic crystalâ€"implications for elucidating the mechanism of an enantiotropic phase transformation. Chemical Communications, 2011, 47, 6009.	4.1	35
38	Vibrational spectra and reinvestigation of the crystal structure of a polymeric copper(II)â€"orotate complex, [Cu(Î¼-HOr)(H2O)2]n: The performance of new DFT methods, M06 and M05-2X, in theoretical studies. Vibrational Spectroscopy, 2011, 55, 207-215.	2.2	55
39	The crystal structure, infrared, Raman and density functional studies of bis(2-aminophenyl) diselenide. Polyhedron, 2011, 30, 2466-2472.	2.2	26
40	Organic-inorganic compounds with strong nonlinear optical properties based on 2,4,6-trimethylpyridinium and tetrahedral BF<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:m	3.2	5
41	Dielectric Relaxation in Confined Ferroelectric Polymer. Ferroelectrics, 2011, 417, 124-135.	0.6	4
42	Geometric distortions of octahedral cations and tetrahedral anions in disordered [Cu(bpy)3]CrO4Â·7.5H2O crystal â€" A comparative study. Polyhedron, 2010, 29, 2574-2581.	2.2	8
43	A novel complex of orotic acid (vitamin B13) with nickel, [Ni(HOr)(NH3)2(H2O)2]: Crystal structure, vibrational spectra and density functional study. Vibrational Spectroscopy, 2010, 52, 1-9.	2.2	12
44	Local structure in the paraelectric phase of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Cd</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msu from x-ray diffuse scattering, by means ofab initiomolecular dynamics and Monte Carlo modeling. Physical Review B, 2010, 81, .	3.2	18
45	Effect of Processing Conditions on the Dielectric and Raman Response of Electroactive Polymers. Ferroelectrics, 2010, 405, 138-145.	0.6	3
46	Silver transfer in proustite at high temperatures: Conductivity and single-crystal X-ray studies. Journal of Solid State Chemistry, 2009, 182, 451-456.	2.9	20
47	The crystal structure and evidence of the phase transition in d-amphetamine sulfate, as studied by X-ray crystallography, DSC and NMR spectroscopy. New Journal of Chemistry, 2009, 33, 1894.	2.8	13
48	Crystal structures of the R3Ag1â^'ÎTSe7 (R=Laâ€"Nd, Sm, Gdâ€"Dy, Î´=0â€"0.30; T=Ge, Si) compounds. Journal of Alloys and Compounds, 2009, 467, 168-172.	5.5	19
49	From six- to five-coordinated Sb^{III} in [(CH₃)₃PH]₃[Sb₂Cl₉]: transition pathways from single-crystal X-ray diffraction. Acta Crystallographica Section B: Structural Science, 2008, 64, 558-566.	1.8	14
50	Crystal and electronic structure and magnetic properties of CeRhPb. Journal of Physics and Chemistry of Solids, 2008, 69, 1934-1939.	4.0	5
51	Crystal structure of the R2PbS4 (R=Yb and Lu) compounds. Journal of Alloys and Compounds, 2008, 453, 143-146.	5.5	9
52	The crystal structure of the R6Si4S17 (R=Pr, Nd and Sm) compounds. Journal of Alloys and Compounds, 2008, 453, 197-202.	5.5	5
53	Investigation of the R2Te3â€"M2Teâ€"PbTe (R=Tb, Dy; M=Cu, Ag) systems at 770K. Journal of Alloys and Compounds, 2008, 455, 186-190.	5.5	7
54	Crystal structure of the R3Ag1â^'Î´SiS7 (R=La, Ce, Pr, Nd, Sm, Î´=0.10â€"0.23) compounds. Journal of Alloys and Compounds, 2008, 460, 201-205.	5.5	20

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55	The structural dynamics in the proton-conducting imidazolium oxalate. Journal of Physics Condensed Matter, 2008, 20, 505101.	1.8	10
56	Structural origin of the x-ray diffuse scattering in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:msub><mml:mrow><m related compounds. Physical Review B, 2008, 78, .	3.2	8
57	Elastic and Dielectric Behavior of Highly Disordered Pb(Sc_{1/2}Ta_{1/2})O₃ Single Crystal. Ferroelectrics, Letters Section, 2007, 34, 139-148.	1.0	2
58	Crystal structure of the TbTe1.8 compound. Journal of Alloys and Compounds, 2007, 427, 166-170.	5.5	8
59	Crystal structures of the compounds Yb5.5AgSe8, YbAgSe2 and YxYb1â^'xCuYbSe3 (x=0.11). Journal of Alloys and Compounds, 2007, 428, 139-145.	5.5	3
60	Crystal structure of the R2PbSe4 (R=Er and Yb) compounds. Journal of Alloys and Compounds, 2007, 429, 111-115.	5.5	4
61	Crystal structures of the R4In4.72Se13 (R=La and Ce) compounds. Journal of Alloys and Compounds, 2007, 429, 216-220.	5.5	5
62	Investigation of the R2S3â€“Cu2Sâ€“PbS (R=Y, Dy, Ho and Er) systems. Journal of Alloys and Compounds, 2007, 431, 77-84.	5.5	10
63	Crystal structure of the TmAgTe2 compound. Journal of Alloys and Compounds, 2007, 431, L1-L3.	5.5	9
64	Crystal structures of the compounds R3CuSiS7 (R=Ce, Pr, Nd, Sm, Tb, Dy and Er) and R3CuSiSe7 (R=La,) Tj ETQq0 0 0 rgBT /Overlock 10	5.5	22
65	Crystal structures of the La3AgSnSe7 and R3Ag1â^'Î´SnS7 (R=La, Ce; Î´=0.18â^'0.19) compounds. Journal of Solid State Chemistry, 2007, 180, 2053-2060.	2.9	30
66	Copper(II)â€“Ï€ interaction in cis-[Cu(orotato)(NH3)2] and the crystal structure of [Cu(orotato)(H2O)4]Â·H2O: X-ray, vibrational spectroscopy and density functional study. Polyhedron, 2007, 26, 4303-4313.	2.2	33
67	Dilanthanum copper indium pentaselenide, La₂CuInSe₅. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, i182-i182.	0.2	2
68	Ce₃Mg_{0.5}GeS₇ from single-crystal data. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, i187-i187.	0.2	5
69	Evidence of a centre of symmetry: redetermination of Ni2.60Te2 from single-crystal data. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, i188-i188.	0.2	7
70	La2SiS5. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, i197-i197.	0.2	4
71	Interpretation of the diffuse scattering in Pb-based relaxor ferroelectrics in terms of three-dimensional nanodomains of the âŸ¨110âŸ©-directed relative interdomain atomic shifts. Physical Review B, 2007, 76, .	3.2	85
72	Superionic phase transition in Rb3D(SeO4)2 single crystals. Journal of Power Sources, 2007, 173, 781-787.	7.8	9

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73	Crystal structure of the Sc2PbX4 (X=S and Se) compounds. Journal of Alloys and Compounds, 2006, 407, 94-97.	5.5	14
74	Crystal structure of the R5CuPb3Se11 (R=Er, Tm and Yb) compounds. Journal of Alloys and Compounds, 2006, 413, 90-95.	5.5	8
75	Crystal structure and magnetic properties of YbCuPbSe3. Journal of Alloys and Compounds, 2006, 413, 26-28.	5.5	8
76	Isothermal section of the Y2S3â€“Cu2Sâ€“GeS2 system at 870K and crystal structures of the Y3Ge1.25S7 and Y3CuGeS7 compounds. Journal of Alloys and Compounds, 2006, 414, 113-117.	5.5	18
77	Investigation of the Ho2Se3â€“Cu2Seâ€“PbSe and Er2Se3â€“Cu2Seâ€“PbSe systems at 870K. Journal of Alloys and Compounds, 2006, 416, 173-178.	5.5	7
78	Investigation of the Y2Te3â€“Cu2Teâ€“PbTe system at 870K and crystal structures of the Y7Cu3Te12 and YCu0.264Te2 compounds. Journal of Alloys and Compounds, 2006, 420, 58-62.	5.5	13
79	Crystal structure of Ho6Pb2Se11 and magnetic properties of R6Pb2Se11 (R=Y, Dy and Ho). Journal of Alloys and Compounds, 2006, 421, 87-90.	5.5	6
80	Crystal structures of the R3CuGeSe7 (R=Ce, Pr, Nd, Sm, Gd, Tb and Ho) compounds. Journal of Alloys and Compounds, 2006, 422, 203-207.	5.5	22
81	Crystal structure of the RAgTe2 (R=Y, Tb, Dy, Ho and Er) compounds. Journal of Alloys and Compounds, 2006, 424, 159-163.	5.5	13
82	The crystal structures of R3CuGeS7 (R=Ceâ€“Nd, Sm, Gdâ€“Dy and Er). Journal of Alloys and Compounds, 2006, 425, 159-163.	5.5	26
83	Crystal structures of the R2CuInS5 (R=La, Ce, Pr, Nd and Sm) compounds. Journal of Alloys and Compounds, 2006, 425, 230-234.	5.5	17
84	4He channelling studies of U4O9. Nuclear Instruments & Methods in Physics Research B, 2006, 249, 497-500.	1.4	3
85	Cis-coordination of the chromate anions in helical Co/Ni block-type polymeric systems. Structural and spectroscopic characteristics of catena(Î¼-CrO4-O,Oâ€²)[Co(Hlm)3H2O] and catena(Î¼-CrO4-O,Oâ€²)[Co0.43Ni0.57(Hlm)3H2O]. Structural Chemistry, 2006, 17, 599-608.	2.0	4
86	Coordination geometry of chromium(VI) species. The first example of cis-bridging chromate ions in helically structured catena(Î¼-CrO4-O,Oâ€²)[Ni(Hlm)3H2O]. Journal of Molecular Structure, 2005, 754, 124-132.	3.6	10
87	Crystal growth, structure and electrical properties of thorium phosphorosulfide. Solid State Communications, 2005, 133, 295-300.	1.9	10
88	Crystal structures of the Y3CuSiS7 and Y3CuSiSe7 compounds. Journal of Alloys and Compounds, 2005, 402, 201-203.	5.5	22
89	Crystal structure of the R6Pb2Se11 (R=Y, Dy and Ho) compounds. Journal of Alloys and Compounds, 2005, 403, 206-210.	5.5	9
90	Crystal structure of the R7Cu3Te12 (R=Tb, Dy, Ho, Er and Tm) compounds. Journal of Alloys and Compounds, 2005, 403, 223-227.	5.5	13

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91	Crystal structure and magnetic properties of Ce3CuSnSe7. Journal of Alloys and Compounds, 2005, 403, 49-52.	5.5	16
92	Crystal structure, thermal, dielectric and vibrational studies of the [4-C2H5PyH]4[Sb2Cl10] crystal. Solid State Sciences, 2004, 6, 1273-1286.	3.2	20
93	Temperature variation of the molecular structure of lithium hydrazinium sulphateâ€"a one-dimensional proton conductor. Journal of Molecular Structure, 2004, 688, 5-10.	3.6	1
94	Structures and vibrational spectra of indole carboxylic acids. Part I. Indole-2-carboxylic acid. Journal of Molecular Structure, 2004, 688, 79-86.	3.6	56
95	Structures and vibrational spectra of indolecarboxylic acids. Part II. 5-Methoxyindole-2-carboxylic acid. Journal of Molecular Structure, 2004, 688, 87-94.	3.6	27
96	Thermal, Dielectric, Elastic and Optical Properties of (NH4)2CuCl4Â·2H2O Crystal and Related Compounds. Ferroelectrics, 2004, 302, 55-58.	0.6	6
97	The Space Group Symmetry of PSN, PST and PSNT Ferroelectric Relaxors in the Superparaelectric Phase. Ferroelectrics, 2004, 298, 235-241.	0.6	20
98	Crystal structure and 4.2 K electronic spectrum of [Co(bpy)3](CrO4)0.5NO3Â·7H2O, a double salt containing uncoordinated chromate ion. Journal of Molecular Structure, 2003, 654, 197-204.	3.6	7
99	Synthesis, crystal structure and spectroscopic characterisation of double salt [Zn(bpy)3](CrO4)0.5NO36.5H2O. Journal of Molecular Structure, 2002, 608, 151-160.	3.6	18
100	Dynamic Behavior of the Jahnâ˜Teller Distorted Cu(H2O)62+Ion in Cu2+Doped Cs2[Zn(H2O)6](ZrF6)2and the Crystal Structure of the Host Lattice. Inorganic Chemistry, 2002, 41, 229-238.	4.0	38
101	Spectroscopic and structural studies of chromate ions in zinc complexes with 2,2â€²-bipyridine. Analysis of the lowest triplet states in the CrO42â˜ entity. Polyhedron, 2001, 20, 2063-2072.	2.2	38
102	Structural and vibrational study of a novel nonlinear optical material: 3-nitrobenzoic acid hydrazide. Journal of Molecular Structure, 2001, 596, 17-23.	3.6	8
103	(GaMg)N new semiconductor grown at high pressure of nitrogen. Journal of Crystal Growth, 1999, 207, 27-29.	1.5	4