J Agostinho Moreira

List of Publications by Year
in descending order

150 papers	2,252 citations	257101 24 h-index	301761 39 g-index
153 all docs	153 docs citations	153 times ranked	2943 citing authors

#	Article	IF	Citations
1	Detection of colon cancer by terahertz techniques. Journal of Molecular Structure, 2011, 1006, 77-82.	1.8	163
2	Raman spectroscopy of rare-earth orthoferrites <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>R</mml:mi><mml:msub><mml:mi>FeO</mml:mi><mml:m (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>R</mml:mi></mml:math>) Tj ETQq0 0 0 rgBT /Overlock 1 Spin-phonon coupling and magnetoelectric properties:<mml:math	1.1	159
3	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>EuMnO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml	1.1	112
	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>GdMnO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></m Physical Review B, 2009, 79, .		
4	Effect of preparation method on the solid state properties and the deN₂O performance of CuOâ€“CeO₂ oxides. Catalysis Science and Technology, 2015, 5, 3714-3727.	2.1	88
5	High-performance graphene-based carbon nanofiller/polymer composites for piezoresistive sensor applications. Composites Science and Technology, 2017, 153, 241-252.	3.8	86
6	Smaller particle size and higher oxidation improves biocompatibility of graphene-based materials. Carbon, 2016, 99, 318-329.	5.4	62
7	Composition-dependent xBa(Zr0.2Ti0.8)O3-(1-x)(Ba0.7Ca0.3)TiO3 bulk ceramics for high energy storage applications. Ceramics International, 2019, 45, 5808-5818.	2.3	61
8	Synthesis and characterization of HAp nanorods from a cationic surfactant template method. Journal of Materials Science: Materials in Medicine, 2010, 21, 2543-2549.	1.7	46
9	Piezoresistive polymer blends for electromechanical sensor applications. Composites Science and Technology, 2018, 168, 353-362.	3.8	43
10	Role of trivalent Sr substituents and Sr vacancies in tetragonal and polar states of SrTiO3. Acta Materialia, 2011, 59, 5388-5397.	3.8	40
11	Polymer surface adsorption as a strategy to improve the biocompatibility of graphene nanoplatelets. Colloids and Surfaces B: Biointerfaces, 2016, 146, 818-824.	2.5	39
12	Coupling between phonons and magnetic excitations in orthorhombic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Eu</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn Physical Review B, 2010, 81, .	1.1	36
13	Biocompatible reinforcement of poly(Lactic acid) with graphene nanoplatelets. Polymer Composites, 2018, 39, E308.	2.3	35
14	Room temperature structure and multiferroic properties in Bi0.7La0.3FeO3 ceramics. Journal of Alloys and Compounds, 2013, 554, 97-103.	2.8	32
15	Ferroelectric phase transitions studies in 0.5Ba(Zr0.2Ti0.8)O3-0.5(Ba0.7Ca0.3)TiO3 ceramics. Journal of Electroceramics, 2015, 35, 135-140.	0.8	31
16	Enhanced resistive switching characteristics in Pt/BaTiO3/ITO structures through insertion of HfO2:Al2O3 (HAO) dielectric thin layer. Scientific Reports, 2017, 7, 46350.	1.6	30
17	Structural and insulator-to-metal phase transition at 50 GPa in GdMnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 85, .	1.1	29
18	Local distortions in multiferroic AgCrO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>triangular spin lattice. Physical Review B, 2011, 84, .	1.1	27

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19	Enhancement of tetragonality and role of strontium vacancies in heterovalent doped SrTiO3. Applied Physics Letters, 2011, 98, .	1.5	27
20	Poly(vinylidene fluoride) composites with carbon nanotubes decorated with metal nanoparticles. Composites Part B: Engineering, 2018, 142, 1-8.	5.9	27
21	Electrochemical synthesis of Î³-CoOOH films from Î±-Co(OH)2 with a high electrochemical performance for energy storage device applications. Journal of Materials Science: Materials in Electronics, 2020, 31, 3084-3091.	1.1	27
22	Structural, electrical and magnetic properties of magnetoelectric GdMnO3 thin films prepared by a solâ€“gel method. Thin Solid Films, 2014, 564, 419-425.	0.8	26
23	Dynamic and structural properties of orthorhombic rare-earth manganites under high pressure. Physical Review B, 2014, 90, .	1.1	26
24	Low-temperature dielectric response of NaTaO3 ceramics and films. Applied Physics Letters, 2012, 100, .	1.5	25
25	Dimensional effects on the structure and magnetic properties of GdMnO3 thin films. Materials Letters, 2012, 70, 167-170.	1.3	24
26	Effect of Pt bottom electrode texture selection on the tetragonality and physical properties of Ba0.8Sr0.2TiO3 thin films produced by pulsed laser deposition. Journal of Applied Physics, 2012, 112, .	1.1	23
27	Dispersion of graphene nanoplatelets in poly(vinyl acetate) latex and effect on adhesive bond strength. Polymer International, 2013, 62, 928-935.	1.6	23
28	Resistive switching in MoSe₂/BaTiO₃ hybrid structures. Journal of Materials Chemistry C, 2017, 5, 10353-10359.	2.7	22
29	Raman spectroscopic study of the phase transitions and pseudospin phonon coupling in sodium ammonium sulphate dihydrate. Physical Review B, 2007, 76, .	1.1	21
30	Crossover in the pressure evolution of elementary distortions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>R</mml:mi><mml:mi>Fe</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>perovskites and its impact on their phase transition. Physical Review B, 2019, 99, .	1.1	21
31	Nanoscale stereometric evaluation of BiZn0.5Ti0.5O3 thin films grown by RF magnetron sputtering. Materials Letters, 2020, 279, 128477.	1.3	20
32	Phase diagram of the orthorhombic, lightly lutetium doped EuMnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>magnetoelectric system. Physical Review B, 2011, 84, .	1.1	19
33	Unraveling the resistive switching effect in ZnO/0.5Ba(Zr 0.2 Ti 0.8)O 3 -0.5(Ba 0.7 Ca 0.3)TiO 3 heterostructures. Applied Surface Science, 2017, 400, 453-460.	3.1	19
34	Strong magnetoelastic coupling in orthorhombic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Eu</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2010, 82, .	1.1	18
35	Synthesis of orthorhombic rare-earth manganite thin films by a novel chemical solution route. Journal of Electroceramics, 2011, 26, 44-55.	0.8	18
36	Tuning the surface plasmon resonance and surface-enhanced Raman scattering of pulsed laser deposited silver nanoparticle films by ambience and deposition temperature. Journal of Optics (United) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.0	18

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37	Resistive switching in ferroelectric lead-free 0.5Ba (Zr_{0.2}Ti_{0.8})O₃â€“0.5(Ba_{0.7}Ca_{0.3})TiO₃</sub>thin films. Journal Physics D: Applied Physics, 2016, 49, 335301.	1.3	18
38	Growth of Incipient Ferroelectric KTaO₃ Single Crystals by a Modified Self-Flux Solution Method. Crystal Growth and Design, 2010, 10, 3397-3404.	1.4	17
39	Discriminating adenocarcinoma from normal colonic mucosa through deconvolution of Raman spectra. Journal of Biomedical Optics, 2011, 16, 127001.	1.4	17
40	Scaling spinâ€“phonon and spinâ€“spin interactions in magnetoelectric Gd1âˆ’Y MnO3. Journal of Solid State Chemistry, 2015, 228, 76-81.	1.4	17
41	Hysteretic Characteristics of Pulsed Laser Deposited 0.5Ba(Zr_{0.2}Ti_{0.8})O₃â€“0.5(Ba_{0.7}Ca_{0.3})TiO₃</sub>/ZnO Bilayers. ACS Applied Materials & Interfaces, 2018, 10, 15240-15249.	4.3	17
42	Structure and physical properties of Eu0.8Y0.2MnO3 ceramics. Journal of Electroceramics, 2010, 25, 203-211.	0.8	15
43	Dzyaloshinskiiâ€“Moriya nature of ferroelectric ordering in magnetoelectric Gd1âˆ’xYxMnO3 system. Solid State Communications, 2015, 208, 34-40.	0.9	15
44	Ferroelectric polarization and resistive switching characteristics of ion beam assisted sputter deposited BaTiO 3 thin films. Journal of Physics and Chemistry of Solids, 2016, 92, 7-10.	1.9	15
45	Electrochemical preparation of Ni(OH)2/CoOOH bilayer films for application in energy storage devices. Journal of Alloys and Compounds, 2021, 874, 159858.	2.8	15
46	THz and infrared studies of multiferroic hexagonal Y_{1âˆ’}_xEu_xMnO₃(xâ€‰=â€‰0â€“0.2) ceramics. Phase Transitions, 2010, 83, 931-941.	0.6	14
47	Ferroelectricity in antiferromagnetic phases of Eu1âˆ’xY xMnO3. Solid State Communications, 2011, 151, 368-371.	0.9	14
48	Detection of colon cancer by terahertz techniques. , 2011, , .		13
49	The role of sucrose in amino polymers synthesized by the strongly acid process. Journal of Adhesion Science and Technology, 2013, 27, 763-774.	1.4	13
50	Structural, optical and magnetic properties of pulsed laser deposited Co-doped ZnO films. Journal of Magnetism and Magnetic Materials, 2015, 395, 28-33.	1.0	13
51	Influence of substrate temperature on the properties of pulsed laser deposited silver nanoparticle thin films and their application in SERS detection of bovine serum albumin. Applied Physics B: Lasers and Optics, 2016, 122, 1.	1.1	13
52	Magnetic phase diagram of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0013.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>TbMn</mml:mi></mml:mrow><mml:mrow><mml:mn>1-x</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physica B: Condensed Matter, 2017, 506, 163-167.	1.3	13
53	Ferroelectric photovoltaic characteristics of pulsed laser deposited 0.5Ba(Zr0.2Ti0.8)O3-0.5(Ba0.7Ca0.3)TiO3/ZnO heterostructures. Solar Energy, 2018, 167, 18-23.	2.9	13
54	Substrate Temperature Effect on Microstructure, Optical, and Glucose Sensing Characteristics of Pulsed Laser Deposited Silver Nanoparticles. Plasmonics, 2018, 13, 1235-1241.	1.8	13

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55	Fractal-Stereometric Correlation of Nanoscale Spatial Patterns of GdMnO3 Thin Films Deposited by Spin Coating. Applied Sciences (Switzerland), 2021, 11, 3886.	1.3	13
56	Influence of laser repetition rate on ferroelectric properties of pulsed laser deposited BaTiO3 films on platinized silicon substrate. Applied Physics A: Materials Science and Processing, 2013, 113, 379-384.	1.1	12
57	Competing exchanges and spinâ€“phonon coupling in Eu1âˆ’xRxMnO3(R=Y, Lu). Journal of Physics Condensed Matter, 2013, 25, 235602.	0.7	11
58	On the ferroelectric and magnetoelectric mechanisms in low Fe 3+ doped TbMnO 3. Journal of Magnetism and Magnetic Materials, 2017, 439, 167-172.	1.0	11
59	Suppression of the cooperative Jahn-Teller distortion and its effect on the Raman octahedra-rotation modes of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>TbM</mml:mi><mml:msub><mml:mi mathvariant="normal">n</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mtext>âˆ’</mml:mtext><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:msub><mml:mi mathvariant=	1.1	11
60	Study of the ionic conductivity of Li0.5La0.5TiO3 laser-sintered ceramics. Journal of the European Ceramic Society, 2020, 40, 5619-5625.	2.8	11
61	Hydrothermal temperature dependence of CaWO4 nanoparticles: structural, optical, morphology and photocatalytic activity. Journal of Materials Science: Materials in Electronics, 2021, 32, 9776-9794.	1.1	11
62	Magnetically-induced lattice distortions and ferroelectricity in magnetoelectric GdMnO3. Journal of Physics Condensed Matter, 2012, 24, 436002.	0.7	10
63	Light-controlled resistive switching in laser-assisted annealed Ba_{0.8} Sr_{0.2} TiO₃ thin films. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 1082-1087.	0.8	10
64	A simple in situ synthesis of magnetic M@CNTs by thermolysis of the hybrid perovskite [TPrA][M(dca)₃]. New Journal of Chemistry, 2017, 41, 3124-3133.	1.4	10
65	Novel multiferroic state and ME enhancement by breaking the AFM frustration in LuMn1âˆ’xO3. Physical Chemistry Chemical Physics, 2017, 19, 1335-1341.	1.3	10
66	Raman spectroscopy applied to diatoms (microalgae, Bacillariophyta): Prospective use in the environmental diagnosis of freshwater ecosystems. Water Research, 2021, 198, 117102.	5.3	10
67	Lithium-induced dielectric relaxations in potassium tantalate ceramics. Journal Physics D: Applied Physics, 2011, 44, 315406.	1.3	9
68	Effects of oxygen partial pressure on the ferroelectric properties of pulsed laser deposited Ba0.8Sr0.2TiO3 thin films. Applied Physics A: Materials Science and Processing, 2013, 113, 817-824.	1.1	9
69	Effect of bi-layer ratio in ZnO/Al2O3 multilayers on microstructure and functional properties of ZnO nanocrystals embedded in Al2O3 matrix. Applied Physics A: Materials Science and Processing, 2014, 115, 283-289.	1.1	9
70	Surface Plasmon Resonance-Coupled Photoluminescence and Resistive Switching Behavior of Pulsed Laser-Deposited Ag:SiC Nanocermet Thin Films. Plasmonics, 2015, 10, 1211-1217.	1.8	9
71	Light controlled resistive switching and photovoltaic effects in ferroelectric 0.5Ba(Zr 0.2 Ti 0.8)O 3 -0.5(Ba 0.7 Ca 0.3)TiO 3 thin films. Journal of the European Ceramic Society, 2017, 37, 583-591.	2.8	9
72	Magnetostructural coupling in RFeO3 (Râ€‰=â€‰Nd, Tb, Eu and Gd). Scientific Reports, 2022, 12, .	1.6	9

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73	Narrow optical gap ferroelectric Bi₂ZnTiO₆ thin films deposited by RF sputtering. Journal of Materials Chemistry A, 2019, 7, 10696-10701.	5.2	8
74	Dielectric relaxation behaviour of protonated and deuterated betaine arsenate. Journal of Physics Condensed Matter, 1998, 10, 3035-3044.	0.7	7
75	Raman scattering study of the phase transition sequence in the system. Journal of Physics Condensed Matter, 1998, 10, 6825-6844.	0.7	7
76	Order-disorder behavior in betaine arsenate studied by Raman scattering. Physical Review B, 2000, 61, 15035-15041.	1.1	7
77	Polar properties of Eu0.6Y0.4MnO3ceramics and their magnetic field dependence. Journal of Physics Condensed Matter, 2009, 21, 446002.	0.7	7
78	Polar properties and phase sequence in Eu0.8Y0.2MnO3. Journal of Physics Condensed Matter, 2010, 22, 125901.	0.7	7
79	Temperature dependence of the electrical conductivity of vapor grown carbon nanofiber/epoxy composites with different filler dispersion levels. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 3290-3294.	0.9	7
80	Oxygen partial pressure effect on structural and electrical behavior of pulsed laser deposited Zn0.98Co0.02O thin films. Materials Chemistry and Physics, 2012, 135, 174-180.	2.0	7
81	Dielectric relaxation of near-percolated carbon nanofiber polypropylene composites. Physica B: Condensed Matter, 2017, 516, 41-47.	1.3	7
82	La_{0.59}Li_{0.24}TiO₃ ceramics obtained by spark plasma sintering: electric behavior analysis. Materials Research Express, 2019, 6, 015504.	0.8	7
83	Revisiting the phase sequence and properties of K0.5Na0.5NbO3 ceramics sintered by different processes. Ceramics International, 2021, 47, 8308-8314.	2.3	7
84	Unveiling the role of oxidative treatments on the electrochemical performance of carbon nanotube-based cotton textile supercapacitors. Carbon Trends, 2021, 5, 100137.	1.4	7
85	The magnetic structure of DyFeO₃ revisited: Fe spin reorientation and Dy incommensurate magnetic order. Journal of Physics Condensed Matter, 2022, 34, 265801.	0.7	7
86	X-Ray Study of Betaine Arsenate and Deuterated Betaine Arsenate. Physica Status Solidi A, 2000, 178, 633-643.	1.7	6
87	Dielectric and Magnetic Properties of ReMnO₃ (Re = Eu, Gd) Ceramics. Ferroelectrics, 2008, 368, 107-113.	0.3	6
88	Effect of the external fields on the polar and dielectric properties of Eu0.8Y0.2MnO3. Journal of Applied Physics, 2010, 107, 024108.	1.1	6
89	Two Experimental Approaches of Looking at Buoyancy. Physics Teacher, 2013, 51, 96-97.	0.2	6
90	Magnetoelectric effect probe through ppm Fe doping in BaTiO 3. Journal of Alloys and Compounds, 2016, 661, 495-500.	2.8	6

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91	Monitoring of oxidation phases of copper thin films using long period fiber gratings. Sensors and Actuators A: Physical, 2017, 253, 69-74.	2.0	6
92	Investigation of Stereometric and Fractal Patterns of Spin-Coated LuMnO3 Thin Films. Advances in Materials Science and Engineering, 2021, 2021, 1-11.	1.0	6
93	Touch sensor and photovoltaic characteristics of CuSbS2 thin films. Ceramics International, 2021, 47, 22594-22603.	2.3	6
94	Betaine potassium iodide dihydrate: a new compound of betaine. Journal of Physics Condensed Matter, 1998, 10, L773-L777.	0.7	5
95	Coupling between proton pseudo-spins and normal modes in ferroelectric glycinium phosphite. Physical Review B, 2005, 72, .	1.1	5
96	Heat capacity, magnetic and lattice dynamic properties of TbMn_{1-x}Fe_xO₃. Journal of Physics: Conference Series, 2015, 592, 012119.	0.3	5
97	Thickness dependence of microstructure in thin La_{0.7}Sr_{0.3}MnO₃films grown on (1â€‰0â€‰0) SrTiO₃substrate. Journal Physics D: Applied Physics, 2017, 50, 395301.	1.3	5
98	Annealing induced effect on the physical properties of ion-beam sputtered 0.5 Ba(Zr0.2Ti0.8)O3 â€“Â0.5 (Ba0.7Ca0.3)TiO3-Î´ ferroelectric thin films. Applied Surface Science, 2018, 443, 354-360.	3.1	5
99	HfO₂â€“Al₂O₃ Dielectric Layer for a Performing Metalâ€“Ferroelectricâ€“Insulatorâ€“Semiconductor Structure with a Ferroelectric 0.5Ba(Zr_{0.2}Ti_{0.8})O₃-0.5(Ba_{0.7}Ca_{0.3})TiO₃ Thin Film. ACS Applied Electronic Materials, 2020, 2, 2780-2787.	2.0	5
100	Strain relaxation dynamics of multiferroic orthorhombic manganites. Journal of Physics Condensed Matter, 2021, 33, 125402.	0.7	5
101	Lattice dynamics and phase transitions in betaine arsenate. Ferroelectrics, 2000, 239, 93-100.	0.3	4
102	Raman spectra and phase transition in betaine potassium iodide dihydrate. Journal of Physics Condensed Matter, 2000, 12, 1497-1506.	0.7	4
103	Infrared reflectivity study of the phase transitions in sodium ammonium sulfate dihydrate. Journal of Physics Condensed Matter, 2006, 18, 7761-7778.	0.7	4
104	Magnetic hyperfine field at Cr site in AgCrO2 given by Perturbed angular correlations. Hyperfine Interactions, 2010, 197, 123-128.	0.2	4
105	Polar behaviour induced by lithium in potassium tantalate ceramics. Journal of Physics Condensed Matter, 2012, 24, 045906.	0.7	4
106	Structural and electrical properties of LuMnO3 thin film prepared by chemical solution method. Thin Solid Films, 2012, 520, 1734-1739.	0.8	4
107	Influence of Diffusion Parameters on the Spectral Characteristics of Raman Modes of Titanium-Diffused Lithium Niobate Planar Waveguides. Spectroscopy Letters, 2013, 46, 453-458.	0.5	4
108	Induced polarized state in intentionally grown oxygen deficient KTaO3 thin films. Journal of Applied Physics, 2013, 114, 034101.	1.1	4

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109	Unravelling the effect of SrTiO₃antiferrodistortive phase transition on the magnetic properties of La_{0.7}Sr_{0.3}MnO₃thin films. Journal Physics D: Applied Physics, 2014, 47, 435002.	1.3	4
110	Breaking the geometric magnetic frustration in controlled off-stoichiometric LuMn_{1+z}O_{3+Î´} compounds. Physical Chemistry Chemical Physics, 2016, 18, 13519-13523.	1.3	4
111	Discrimination of Benign and Malignant Lesions in Canine Mammary Tissue Samples Using Raman Spectroscopy: A Pilot Study. Animals, 2020, 10, 1652.	1.0	4
112	Enhancement of resistivity and magnetization of Bi1-xLaxFe1-yMnyO3 ceramics by composition optimization. Journal of Alloys and Compounds, 2020, 835, 155404.	2.8	4
113	Dielectric spectroscopy of melt-extruded polypropylene and as-grown carbon nanofiber composites. European Physical Journal E, 2021, 44, 73.	0.7	4
114	Environmental diagnosis with Raman Spectroscopy applied to diatoms. Biosensors and Bioelectronics, 2022, 198, 113800.	5.3	4
115	Electrical properties of melt-mixed polypropylene and as-grown carbon nanofiber composites: Analysis of their interphase via the AC conductivity modeling. Journal of Composite Materials, 2022, 56, 1879-1889.	1.2	4
116	Induced internal stresses and their relation to FLASH sintering of KNN ceramics. Journal of Materials Chemistry C, 2022, 10, 10916-10925.	2.7	4
117	The symmetry and polar properties of the ferroelectric phase in BCCD. Journal of Physics Condensed Matter, 1997, 9, 11195-11208.	0.7	3
118	Lattice dynamics, phase transitions and hydrogen effective charges of betaine phosphite: a comparison with betaine phosphate and their deuterated analogues. Journal of Physics Condensed Matter, 1998, 10, 6147-6169.	0.7	3
119	Ferroelectric Phase in Glycinium Phosphite Studied by Raman Scattering. Ferroelectrics, 2005, 320, 83-89.	0.3	3
120	Ba0.8Sr0.2TiO3 films crystallized on glass and platinized substrates by laser-assisted annealing at room temperature. Applied Physics A: Materials Science and Processing, 2014, 116, 1271-1280.	1.1	3
121	Tuning the Stoichiometry of Ag₂S Thin Films for Resistive Switching Applications. Journal of Nanoscience and Nanotechnology, 2016, 16, 2608-2612.	0.9	3
122	Handling magnetic and structural properties of EuMnO3 thin films by the combined effect of Lu doping and substrate strain. Journal of Alloys and Compounds, 2018, 762, 319-325.	2.8	3
123	Magnetic properties of TbMn0.98Fe0.02O3 single crystal. Journal of Magnetism and Magnetic Materials, 2022, 549, 168986.	1.0	3
124	Crystal structure of betaine potassium iodide dihydrate, (C5H11NO2)2KIÂ·2H2O. Zeitschrift Fur Kristallographie - New Crystal Structures, 1999, 214, 83-84.	0.1	2
125	Dielectric relaxation and pyroelectric behaviour of betaine potassium iodide dihydrate. Ferroelectrics, 2000, 241, 263-270.	0.3	2
126	Persistence of the orthorhombic phase in YMnO₃ hexagonal thin films. Ferroelectrics, 2016, 498, 80-84.	0.3	2

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127	Strain-Engineered Tetragonal Phase and Ferroelectricity in GdMnO3 Thin Films Grown on SrTiO3 (001). Scientific Reports, 2019, 9, 18755.	1.6	2
128	Crystal structure of trimethylglycine 2-hydroxy-1,2,3-propanetricarboxylic acid (1:1) adduct, C6O7H8 Â· C5NO2H11. Zeitschrift Fur Kristallographie - New Crystal Structures, 2002, 217, 77-78.	0.1	2
129	Novel Approach to Freshwater Diatom Profiling and Identification Using Raman Spectroscopy and Chemometric Analysis. Water (Switzerland), 2022, 14, 2116.	1.2	2
130	Crystal structure of glycinium arsenate, C2NH8O2+AsO4-. Zeitschrift Fur Kristallographie - New Crystal Structures, 1999, 214, 535-536.	0.1	1
131	Bottom electrode crystallization of Pb(Zr,Ti)O3 thin films made by RF magnetron sputtering. Journal of Physics Condensed Matter, 2005, 17, 7263-7273.	0.7	1
132	Tackling Polar Response in Oxygen Deficient KTaO3Thin Films. Ferroelectrics, 2014, 465, 44-53.	0.3	1
133	Thermal stability and decomposition kinetics of NdNiO3â˜Î´ at 1Âbar of O2. Materials Today Communications, 2021, 28, 102663.	0.9	1
134	X-Ray Study of Mixed Compounds of Betaine Arsenate and Deuterated Betaine Arsenate. Physica Status Solidi A, 1999, 171, 417-423.	1.7	1
135	Crystal structure of aqua-bis(N,N,N-trimethylammonioacetato)sodium bromide, [Na(H2O){(CH3)3NCH2COO}2]Br. Zeitschrift Fur Kristallographie - New Crystal Structures, 2005, 220, 383-384.	0.1	1
136	Disentangling the phase sequence and correlated critical properties in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mrow><mml:mn>0.7</mml:mn> by structural studies. Physical Review B, 2021, 104, .	1.1	1
137	Crystal structure of diglycine hydroxylammonium chloride, (C2H5NO2)2[NH3(OH)]Cl. Zeitschrift Fur Kristallographie - New Crystal Structures, 2002, 217, 433-434.	0.1	0
138	Crystal structure of calcium doped strontium betaine chloride tetrahydrate, 217, 79-80.	0.1	0
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