

Jose Gonzalez-Calbet

List of Publications by Year in descending order

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376
papers

12,413
citations

36203

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95
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390
all docs

390
docs citations

390
times ranked

14583
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcium phosphates as substitution of bone tissues. <i>Progress in Solid State Chemistry</i> , 2004, 32, 1-31.	3.9	945
2	Magnetic Properties of ZnO Nanoparticles. <i>Nano Letters</i> , 2007, 7, 1489-1494.	4.5	404
3	Revisiting silica based ordered mesoporous materials: medical applications. <i>Journal of Materials Chemistry</i> , 2006, 16, 26-31.	6.7	308
4	Cobalt phosphate-modified barium-doped tantalum nitride nanorod photoanode with 1.5% solar energy conversion efficiency. <i>Nature Communications</i> , 2013, 4, 2566.	5.8	306
5	The dissolution and biological effects of silver nanoparticles in biological media. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1634.	2.9	305
6	A unified in vitro evaluation for apatite-forming ability of bioactive glasses and their variants. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 115.	1.7	275
7	Bioceramics and Scaffolds: A Winning Combination for Tissue Engineering. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 202.	2.0	261
8	Copper-containing mesoporous bioactive glass nanoparticles as multifunctional agent for bone regeneration. <i>Acta Biomaterialia</i> , 2017, 55, 493-504.	4.1	258
9	Delamination of Layered Covalent Organic Frameworks. <i>Small</i> , 2011, 7, 1207-1211.	5.2	234
10	Selective oxidative dehydrogenation of ethane on MoVTenbO mixed metal oxide catalysts. <i>Journal of Catalysis</i> , 2004, 225, 428-438.	3.1	229
11	Bioactive glass-based materials with hierarchical porosity for medical applications: Review of recent advances. <i>Acta Biomaterialia</i> , 2016, 42, 18-32.	4.1	226
12	Three-dimensional glass-derived scaffolds for bone tissue engineering: Current trends and forecasts for the future. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 97A, 514-535.	2.1	221
13	Interface Double-Exchange Ferromagnetism in the Mn-Zn-O System: New Class of Biphasic Magnetism. <i>Physical Review Letters</i> , 2005, 94, 217206.	2.9	212
14	The influence of proteins on the dispersability and cell-biological activity of silver nanoparticles. <i>Journal of Materials Chemistry</i> , 2010, 20, 512-518.	6.7	192
15	Tissue regeneration: A new property of mesoporous materials. <i>Solid State Sciences</i> , 2005, 7, 983-989.	1.5	186
16	The A ₂ SnO ₃ (A=Ca,Sr) perovskites. <i>Acta Crystallographica Section B: Structural Science</i> , 1986, 42, 167-172.	1.8	149
17	Structural Elucidation of Microporous and Mesoporous Catalysts and Molecular Sieves by High-Resolution Electron Microscopy. <i>Accounts of Chemical Research</i> , 2001, 34, 583-594.	7.6	132
18	High strength bioactive glass-ceramic scaffolds for bone regeneration. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 643-653.	1.7	107

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19	Adsorption and catalytic properties of MCM-22: The influence of zeolite structure. <i>Zeolites</i> , 1996, 16, 7-14.	0.9	103
20	A New Microporous Polymorph of Silica Isomorphous to Zeolite MCM-22. <i>Chemistry of Materials</i> , 1996, 8, 2415-2417.	3.2	102
21	Unknown Aspects of Self-Assembly of PbS Microscale Superstructures. <i>ACS Nano</i> , 2012, 6, 3800-3812.	7.3	92
22	Bioactivity in ordered mesoporous materials. <i>Solid State Sciences</i> , 2004, 6, 1295-1300.	1.5	91
23	Structure and electrochromism of two-dimensional octahedral molecular sieve $\text{h}\hat{\text{a}}^{\text{TM}}\text{-WO}_3$. <i>Nature Communications</i> , 2019, 10, 327.	5.8	88
24	Biomaterials for orbital implants and ocular prostheses: Overview and future prospects. <i>Acta Biomaterialia</i> , 2014, 10, 1064-1087.	4.1	87
25	Brownmillerite-type microdomains in the calcium lanthanum ferrites: $\text{Ca}_x\text{La}_{1-x}\text{FeO}_3$. <i>Journal of Solid State Chemistry</i> , 1983, 49, 219-231.	1.4	83
26	MoVTenbO multifunctional catalysts: Correlation between constituent crystalline phases and catalytic performance. <i>Solid State Sciences</i> , 2005, 7, 507-519.	1.5	81
27	Biocompatible glass-ceramic materials for bone substitution. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 471-478.	1.7	81
28	Evidence of intrinsic magnetism in capped ZnO nanoparticles. <i>Physical Review B</i> , 2010, 82, .	1.1	81
29	Phosphorous-doped MCM-41 as bioactive material. <i>Solid State Sciences</i> , 2005, 7, 233-237.	1.5	78
30	Phase transitions in $\text{Sr}_2\text{Co}_2\text{O}_5$: A neutron thermodiffraction study. <i>Solid State Communications</i> , 1987, 62, 231-234.	0.9	77
31	Direct Phasing in Electron Crystallography: Ab Initio Determination of a New MCM-22 Zeolite Structure. <i>Journal of the American Chemical Society</i> , 1995, 117, 8947-8956.	6.6	73
32	Nanostructure of Bioactive Sol-Gel Glasses and Organic-Inorganic Hybrids. <i>Chemistry of Materials</i> , 2005, 17, 1874-1879.	3.2	72
33	The $\text{A}_{n+2}\text{B}_n\text{B}'_2\text{O}_{3n+3}$ Family ($\text{B}=\text{Co}$): Ordered Intergrowth between $2\text{H}\hat{\text{a}}\text{-BaCoO}_3$ and $\text{Ca}_3\text{Co}_2\text{O}_6$ Structures. <i>Journal of Solid State Chemistry</i> , 1999, 145, 116-127.	1.4	70
34	Mechanical properties and reliability of glass-ceramic foam scaffolds for bone repair. <i>Materials Letters</i> , 2014, 118, 27-30.	1.3	67
35	Antioxidant mesoporous Ce-doped bioactive glass nanoparticles with anti-inflammatory and pro-osteogenic activities. <i>Materials Today Bio</i> , 2020, 5, 100041.	2.6	66
36	The Incorporation of Strontium to Improve Bone-Regeneration Ability of Mesoporous Bioactive Glasses. <i>Materials</i> , 2018, 11, 678.	1.3	64

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37	Influence of Fe and Al doping on the stabilization of the anatase phase in TiO ₂ nanoparticles. Journal of Materials Chemistry C, 2014, 2, 10377-10385.	2.7	63
38	Modelling of the strength-porosity relationship in glass-ceramic foam scaffolds for bone repair. Journal of the European Ceramic Society, 2014, 34, 2663-2673.	2.8	62
39	In-Doped Gallium Oxide Micro- and Nanostructures: Morphology, Structure, and Luminescence Properties. Journal of Physical Chemistry C, 2012, 116, 3935-3943.	1.5	61
40	On the Nature and Structure of a New MoVTeO Crystalline Phase. Chemistry of Materials, 2002, 14, 4416-4421.	3.2	60
41	Novel bioceramic-reinforced hydrogel for alveolar bone regeneration. Acta Biomaterialia, 2016, 44, 97-109.	4.1	60
42	Structural Effects Behind the Low Temperature Nonconventional Relaxor Behavior of the Sr ₂ Nb ₅ O ₁₅ Bronze. Inorganic Chemistry, 2011, 50, 12091-12098.	1.9	59
43	Production of Magnetic Nanoparticles in Imine Polymer Matrixes. Chemistry of Materials, 2000, 12, 3681-3688.	3.2	57
44	Magnetic polarization of noble metals by Co nanoparticles in M-capped granular multilayers (M -capped granular multilayers) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	1.1	56
45	Porous materials from clays by the gallery template approach: synthesis, characterization and adsorption properties. Microporous and Mesoporous Materials, 2004, 73, 175-180.	2.2	55
46	Influence of Sn and Cr Doping on Morphology and Luminescence of Thermally Grown Ga ₂ O ₃ Nanowires. Journal of Physical Chemistry C, 2013, 117, 3036-3045.	1.5	55
47	Calcium phosphate nanoparticles with adjustable dispersability and crystallinity. Journal of Materials Chemistry, 2009, 19, 2166.	6.7	54
48	Raman scattering in the high T _c superconductors MBa ₂ Cu ₃ O _{7-x} . Solid State Communications, 1987, 63, 839-841.	0.9	53
49	Room-Temperature Ferromagnetism in Reduced Rutile TiO ₂ Nanoparticles. Journal of Physical Chemistry Letters, 2013, 4, 2171-2176.	2.1	53
50	Ordering of Oxygen Vacancies and Magnetic Properties in La _{0.5} Ca _{0.5} MnO ₃ (0 ≤ x ≤ 0.5). Journal of Solid State Chemistry, 1999, 148, 158-168.	1.4	52
51	Perovskite threefold superlattices: A structure determination of the A ₃ M ₃ O ₈ phase. Materials Research Bulletin, 1989, 24, 423-430.	2.7	51
52	A novel zwitterionic bioceramic with dual antibacterial capability. Journal of Materials Chemistry B, 2014, 2, 5639-5651.	2.9	51
53	Rhombohedral Sr ₂ Co ₂ O ₅ : A new A ₂ M ₂ O ₅ phase. Materials Research Bulletin, 1986, 21, 429-439.	2.7	50
54	Cation Deficiency in (Ba, Sr)Co _{1-x} O _y Hexagonal Perovskite Related Oxides: New Members of the A _{n+2} B _n O _{3n+3} Homologous Series. Journal of Solid State Chemistry, 1999, 142, 419-427.	1.4	50

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55	Incorporation of Mn ²⁺ single molecule magnets into mesoporous silica. <i>Journal of Materials Chemistry</i> , 2003, 13, 3089-3095.	6.7	49
56	Urea-Melt Assisted Synthesis of Ni/NiO Nanoparticles Exhibiting Structural Disorder and Exchange Bias. <i>Chemistry of Materials</i> , 2010, 22, 6529-6541.	3.2	49
57	Foam-like scaffolds for bone tissue engineering based on a novel couple of silicate-phosphate specular glasses: synthesis and properties. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 2197-2205.	1.7	48
58	Hybrid Enzyme-Polymeric Capsules/Mesoporous Silica Nanodevice for In Situ Cytotoxic Agent Generation. <i>Advanced Functional Materials</i> , 2014, 24, 4625-4633.	7.8	48
59	The complex perovskite-related superstructure Ba ₂ Fe ₂ O ₅ solved by HREM and CIP. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1993, 49, 27-35.	0.3	47
60	The Solid Solution BaFe _{12-2x} CoxTi _x O ₁₉ (0 ≤ x ≤ 6): Cationic Distribution by Neutron Diffraction. <i>Journal of Solid State Chemistry</i> , 1994, 111, 229-237.	1.4	47
61	Glass-ceramic scaffolds containing silica mesophases for bone grafting and drug delivery. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 809-820.	1.7	46
62	Magnetism in nanoparticles: tuning properties with coatings. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 484006.	0.7	46
63	Environmental Conditions for Akaganeite Formation in Marine Atmosphere Mild Steel Corrosion Products and Its Characterization. <i>Corrosion</i> , 2015, 71, 872-886.	0.5	46
64	Ferromagnetism in Twinned Pt Nanoparticles Obtained by Laser Ablation. <i>Chemistry of Materials</i> , 2007, 19, 889-893.	3.2	45
65	Calcium phosphate nanoparticles as templates for nanocapsules prepared by the layer-by-layer technique. <i>Journal of Materials Chemistry</i> , 2008, 18, 3831.	6.7	45
66	Supramolecular mechanisms in the synthesis of mesoporous magnetic nanospheres for hyperthermia. <i>Journal of Materials Chemistry</i> , 2012, 22, 64-72.	6.7	45
67	Tunneling measurements of the energy gap in Bi ₄ Ca ₃ Sr ₃ Cu ₄ O ₁₆ +δ. <i>Physical Review B</i> , 1988, 38, 9295-9298.	1.1	44
68	Microstructural Characterization of the LaNiO _{3-y} System. <i>Journal of Solid State Chemistry</i> , 1994, 110, 295-304.	1.4	44
69	New Commensurate Phases in the Family (A ₃ Co ₂ O ₆) _{1±} (A ₃ Co ₃ O ₉) _{1±} (A = Ca, Sr, Ba). <i>Chemistry of Materials</i> , 2000, 12, 25-32.	3.2	44
70	Evidence of drug confinement into silica mesoporous matrices by STEM spherical aberration corrected microscopy. <i>Chemical Communications</i> , 2010, 46, 2956.	2.2	43
71	Effects of Transition Metal Doping on the Growth and Properties of Rutile TiO ₂ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2013, 117, 1941-1947.	1.5	43
72	Structural intergrowths in the calcium lanthanum ferrites. <i>Materials Research Bulletin</i> , 1983, 18, 285-292.	2.7	42

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73	Sur le systÃ¨me BaFeO _{3-γ} (0 < γ ≤ 0.50). Journal of Solid State Chemistry, 1989, 80, 6-11.	1.4	42
74	Structural Singularities in Ferroelectric Sr ₂ NaNb ₅ O ₁₅ . Chemistry of Materials, 2007, 19, 3575-3580.	3.2	42
75	Mesoporous Bioactive Glass as a Multifunctional System for Bone Regeneration and Controlled Drug Release. Journal of Applied Biomaterials and Functional Materials, 2012, 10, 12-21.	0.7	42
76	Bioceramics in ophthalmology. Acta Biomaterialia, 2014, 10, 3372-3397.	4.1	42
77	HREM Study of the BaCoO _{3-γ} System: Evidence for a New 5H Phase. Journal of Solid State Chemistry, 1995, 120, 327-331.	1.4	41
78	The porous structure of synthetic akaganeite. Journal of Inorganic and Nuclear Chemistry, 1981, 43, 257-264.	0.5	40
79	An electron diffraction study of new phases in the LaNiO _{3-x} system. Solid State Ionics, 1989, 32-33, 721-726.	1.3	40
80	Nonstoichiometry in BaFeO _{3-γ} (0.35 < γ < 0.50). Journal of Solid State Chemistry, 1990, 86, 149-159.	1.4	39
81	Laser-Induced Anatase-to-Rutile Transition in TiO ₂ Nanoparticles: Promotion and Inhibition Effects by Fe and Al Doping and Achievement of Micropatterning. Journal of Physical Chemistry C, 2015, 119, 11965-11974.	1.5	39
82	Composite Biomaterials Based on Sol-Gel Mesoporous Silicate Glasses: A Review. Bioengineering, 2017, 4, 15.	1.6	39
83	The tubular crystal structure of the new phase Bi ₄ Sr ₈ Cu ₅ O _{19+x} related to the superconducting perovskites. Physica C: Superconductivity and Its Applications, 1989, 157, 525-530.	0.6	38
84	Spherical iron oxide particles synthesized by an aerosol technique. Journal of Materials Research, 1993, 8, 2694-2701.	1.2	38
85	Microstructural Characterization of BaMnO _{3-γ} (0.08 ≤ γ ≤ 0.12): Evidence for a New Polytype (21R). Journal of Solid State Chemistry, 1994, 113, 78-87.	1.4	38
86	Ferromagnetism in Ba ₅ Co ₅ O ₁₄ : A structural, transport, thermal, and magnetic study. Physical Review B, 2005, 71, .	1.1	38
87	Structural intergrowth in the system (0 ≤ x ≤ 1): An electron microscopy study. Journal of Solid State Chemistry, 1984, 55, 251-261.	1.4	37
88	Microstructural Investigation of Oxygen-Deficient BaMnO _{3-γ} Hexagonal Perovskites. Journal of Solid State Chemistry, 1993, 106, 99-110.	1.4	37
89	Prediction of Novel BaMnO _{3-γ} (0 < γ < 0.1) Perovskite Related Phases. Journal of Solid State Chemistry, 1994, 111, 202-207.	1.4	37
90	Injectable Thermosensitive Formulation Based on Polyurethane Hydrogel/Mesoporous Glasses for Sustained Co-Delivery of Functional Ions and Drugs. Pharmaceutics, 2019, 11, 501.	2.0	36

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91	A new perovskite-type compound: Ca ₄ Fe ₂ Ti ₂ O ₁₁ . Journal of Solid State Chemistry, 1987, 68, 266-272.	1.4	35
92	Ordering and Defects in BaMnO ₃ - (0.22 x y 0.40). Journal of Solid State Chemistry, 1995, 117, 21-29.	1.4	35
93	Synthesis of barium hexaferrite by pyrolysis of an aerosol. Journal of Materials Research, 1994, 9, 712-716.	1.2	34
94	Resorbable Glass-Ceramic Phosphate-based Scaffolds for Bone Tissue Engineering: Synthesis, Properties, and <i>In vitro</i> Effects on Human Marrow Stromal Cells. Journal of Biomaterials Applications, 2011, 26, 465-489.	1.2	34
95	Mn ⁴⁺ -cation localization in La-rich La _{1-x} Ca _x MnO ₃ manganites. Physical Review B, 2000, 62, 11328-11331.	1.1	33
96	Feasibility and Tailoring of Bioactive Glass-ceramic Scaffolds with Gradient of Porosity for Bone Grafting. Journal of Biomaterials Applications, 2010, 24, 693-712.	1.2	33
97	Multifunctional Copper-Containing Mesoporous Glass Nanoparticles as Antibacterial and Proangiogenic Agents for Chronic Wounds. Frontiers in Bioengineering and Biotechnology, 2020, 8, 246.	2.0	33
98	Surprises in the structural chemistry of zeolites. Journal of Solid State Chemistry, 1982, 45, 368-380.	1.4	32
99	A new high temperature superconductor: Ba ₂ SmCu ₃ O _{9-x} . Solid State Communications, 1987, 63, 507-510.	0.9	32
100	Evolution of the microstructure and its influence on the magnetic properties of aerosol synthesized BaFe ₁₂ O ₁₉ particles. Journal of Solid State Chemistry, 1992, 101, 265-274.	1.4	32
101	Crystallochemistry, textural properties, and <i>in vitro</i> biocompatibility of different silicon-doped calcium phosphates. Journal of Biomedical Materials Research - Part A, 2006, 78A, 762-771.	2.1	31
102	Rust exfoliation on carbon steels in chloride-rich atmospheres. Corrosion Reviews, 2015, 33, 263-282.	1.0	31
103	Complex magnetic structures of the rare-earth cuprates R ₂ Cu ₂ O ₅ (R=Y, Ho, Er, Yb, Tm). Physical Review B, 1991, 44, 4716-4719.	1.1	30
104	On the Incorporation of Buckminsterfullerene C ₆₀ in the Supercages of Zeolite Y. Journal of Physical Chemistry B, 1997, 101, 10184-10190.	1.2	30
105	Composite bone cements loaded with a bioactive and ferrimagnetic glass-ceramic. Part I: Morphological, mechanical and calorimetric characterization. Journal of Biomaterials Applications, 2014, 29, 254-267.	1.2	30
106	Antibacterial Bioglass-Derived Scaffolds: Innovative Synthesis Approach and Characterization. International Journal of Applied Glass Science, 2016, 7, 238-247.	1.0	30
107	Micro-CT based finite element models for elastic properties of glass-ceramic scaffolds. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 65, 248-255.	1.5	30
108	A reassessment of Ba ₂ Fe ₂ O ₅ . Materials Research Bulletin, 1987, 22, 1413-1419.	2.7	29

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109	Ag ₂ CuMnO ₄ : A new silver copper oxide with delafossite structure. Journal of Solid State Chemistry, 2006, 179, 3883-3892.	1.4	29
110	Uniform Surface Modification of 3D Bioglass®-Based Scaffolds with Mesoporous Silica Particles (MCM-41) for Enhancing Drug Delivery Capability. Frontiers in Bioengineering and Biotechnology, 2015, 3, 177.	2.0	29
111	Engineered porous scaffolds for periprosthetic infection prevention. Materials Science and Engineering C, 2016, 68, 701-715.	3.8	29
112	Structure determination of Ca ₄ Fe ₂ Ti ₂ O ₁₁ by electron microscopy and crystallographic image processing. Journal of Solid State Chemistry, 1988, 77, 316-321.	1.4	28
113	Specific heat, magnetic susceptibility and electrical resistivity measurements on LaNiO ₃ . Journal of Alloys and Compounds, 1993, 191, 287-289.	2.8	28
114	Composition-Structure-Property Relationships of 6H- and 12R-Type Hexagonal Ba(Mn,Ti)O ₃ Perovskites. Chemistry of Materials, 2009, 21, 1731-1742.	3.2	28
115	Microdomain formation in the CaFexMn1-xO ₃ ferrites. Journal of Solid State Chemistry, 1985, 57, 197-206.	1.4	27
116	Microdomains in the reduction of Ca ₂ LaFe ₃ O _{8+z} . Journal of Solid State Chemistry, 1985, 60, 320-331.	1.4	27
117	Oxygen vacancy distribution in 6HBaFeO ₃ (0.20 ≤ y ≤ 0.35). Journal of Solid State Chemistry, 1989, 83, 121-131.	1.4	27
118	Characterization by TEM of Local Crystalline Changes during Irradiation Damage of Hydroxyapatite Compounds. Journal of Solid State Chemistry, 1995, 116, 265-274.	1.4	27
119	Local Structure of Rare Earth Niobates (RE ₃ NbO ₇ , RE = Y, Er, Yb, Lu) for Proton Conduction Applications. Fuel Cells, 2013, 13, 29-33.	1.5	27
120	Structural aspects and Mössbauer resonance investigation of Ba ₂ Fe ₂ O ₅ . Journal of Solid State Chemistry, 1990, 88, 261-268.	1.4	26
121	Structural and magnetic properties of Sr ₂ RuO ₄ -type oxides. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 179-180.	1.0	26
122	Synthesis, Structural Characterization, and Magnetic Study of Sr ₄ Mn ₂ CoO ₉ . Chemistry of Materials, 2003, 15, 3537-3542.	3.2	26
123	Ab initio determination of heavy oxide perovskite related structures from precession electron diffraction data. Ultramicroscopy, 2007, 107, 445-452.	0.8	26
124	Study of the Structural, Magnetic, and Electrical Properties of the 5H Hexagonal-Type Perovskite BaMn _{0.2} Co _{0.8} O _{2.80} . Chemistry of Materials, 2008, 20, 2818-2828.	3.2	26
125	Band Gap Closing in La _{2-x} Sr _x NiO ₄ . Journal of Solid State Chemistry, 1993, 102, 455-464.	1.4	25
126	Synthesis and characterization of microporous titanosilicate ETS-10 obtained with different Ti sources. Materials Research Bulletin, 2009, 44, 1225-1231.	2.7	25

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127	Akaganeite polymer nanocomposites. <i>Polymer</i> , 2009, 50, 1088-1094.	1.8	25
128	Thin films of magnesium oxide by modified CVD: A buffer layer for HTCS films. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 180, 57-60.	0.6	24
129	Gold/carbon nanocomposite foam. <i>Chemical Physics Letters</i> , 2006, 420, 86-89.	1.2	24
130	Mo-containing tetragonal tungsten bronzes. The influence of tellurium on catalytic behaviour in selective oxidation of propene. <i>Journal of Catalysis</i> , 2009, 265, 43-53.	3.1	24
131	Hydrothermal Synthesis: A Suitable Route to Elaborate Nanomanganites. <i>Chemistry of Materials</i> , 2009, 21, 1898-1905.	3.2	24
132	Blue-to-green single photons from InGaN/GaN dot-in-a-nanowire ordered arrays. <i>Europhysics Letters</i> , 2015, 111, 24001.	0.7	24
133	Crystal structure and microstructure of Nd _{1.8} Sr _{0.2} NiO _{3.72} : AK ₂ NiF ₄ -type nickelate with monoclinic symmetry and ordered oxygen vacancies. <i>Physical Review B</i> , 1994, 49, 8591-8599.	1.1	23
134	Co-Ti Substituted Hexagonal Ferrites for Magnetic Recording. <i>Journal of Solid State Chemistry</i> , 1995, 115, 347-352.	1.4	23
135	Crystal Structure of an Unusual Polytype: $\text{7H-Ba}_7\text{Nb}_4\text{MoO}_{20}$. <i>Chemistry of Materials</i> , 1999, 11, 433-437.	3.2	23
136	Crystal Structure of the Ordered Double Perovskite, Sr ₂ NiTeO ₆ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2127-2130.	0.6	23
137	Shape-dependent catalytic activity of palladium nanoparticles embedded in SiO ₂ and TiO ₂ . <i>Catalysis Today</i> , 2012, 180, 59-67.	2.2	23
138	Structural and magnetic properties of granular Co-Pt multilayers with perpendicular magnetic anisotropy. <i>Physical Review B</i> , 2014, 90, .	1.1	23
139	Unexpected ferromagnetic ordering enhancement with crystallite size growth observed in La _{0.5} Ca _{0.5} MnO ₃ nanoparticles. <i>Journal of Applied Physics</i> , 2014, 116, 113901.	1.1	23
140	Magnetic properties of colossal magnetoresistive manganese oxides. <i>Journal of Applied Physics</i> , 1996, 79, 5182.	1.1	22
141	Wollastonite-containing bioceramic coatings on alumina substrates: Design considerations and mechanical modelling. <i>Ceramics International</i> , 2015, 41, 11464-11470.	2.3	22
142	Ferromagnetic layers in Y ₂ Cu ₂ O ₅ : a neutron diffraction study. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1990, 149, 319-327.	0.9	21
143	Anionic vacancy distribution in reduced barium-lanthanum ferrites. <i>Journal of Solid State Chemistry</i> , 1991, 92, 110-115.	1.4	21
144	Synthesis, structure and gas sensitivity properties of pure and doped SnO ₂ . <i>Sensors and Actuators B: Chemical</i> , 1993, 16, 379-383.	4.0	21

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145	The Oxycarbonate Ba ₃ Co ₂ O ₆ (CO ₃) _{0.60} with a 2H ⁺ ABO ₃ -Related Structure. Chemistry of Materials, 2000, 12, 966-972.	3.2	21
146	Ordered Rock-Salt Related Nanoclusters in CaMnO ₂ . Journal of the American Chemical Society, 2009, 131, 8660-8668.	6.6	21
147	Transmission Electron Microscopy Evidence of Spontaneous B-Cation Layered Distribution in NaNb _{1-x} Ta _x O ₃ . Journal of the American Chemical Society, 2010, 132, 9843-9849.	6.6	21
148	An injectable paste of calcium phosphate nanorods, functionalized with nucleic acids, for cell transfection and gene silencing. Journal of Materials Chemistry, 2010, 20, 6144.	6.7	21
149	Phase coexistence in NaNb(1-x)Ta _x O ₃ materials with enhanced dielectric properties. Journal of Materials Chemistry, 2012, 22, 14938.	6.7	21
150	Crystallographically uniform arrays of ordered (In)GaN nanocolumns. Journal of Applied Physics, 2015, 117, 035301.	1.1	21
151	The deposition of Fe ₂ O ₃ by aerosol chemical vapor deposition. Journal of Materials Research, 1995, 10, 1307-1311.	1.2	20
152	Synthesis, Structural and Magnetic Characterization of a New Scheelite Related Compound: Eu ₂ Mo ₃ O ₁₂ . European Journal of Inorganic Chemistry, 2005, 2005, 967-970.	1.0	20
153	Structural Ordering and Ferromagnetism in La ₄ Mn ₄ O ₁₁ . Chemistry of Materials, 2006, 18, 5756-5763.	3.2	20
154	Structural characterization of nanosized silica spheres. Solid State Sciences, 2007, 9, 351-356.	1.5	20
155	Improving optical performance of GaN nanowires grown by selective area growth homoepitaxy: Influence of substrate and nanowire dimensions. Applied Physics Letters, 2016, 108, .	1.5	20
156	Controlled synthesis of lithium doped tin dioxide nanoparticles by a polymeric precursor method and analysis of the resulting defect structure. Journal of Materials Chemistry A, 2018, 6, 6299-6308.	5.2	20
157	Production and Physicochemical Characterization of Cu-Doped Silicate Bioceramic Scaffolds. Materials, 2018, 11, 1524.	1.3	20
158	Influence of Doping and Controlled Sn Charge State on the Properties and Performance of SnO ₂ Nanoparticles as Anodes in Li-Ion Batteries. Journal of Physical Chemistry C, 2020, 124, 18490-18501.	1.5	20
159	Magnetic and structural properties of electrodeposited Co _{1-x} amorphous ribbons. Journal of Applied Physics, 1991, 69, 5454-5456.	1.1	19
160	A high temperature study of the BaFeO ₃ system. Solid State Ionics, 1993, 63-65, 714-718.	1.3	19
161	A New Orthorhombic Ba ₈ Co ₇ O ₂₁ Phase: Polymorphism in the (Ba ₃ Co ₂ O ₆) _{1-x} (Ba ₃ Co ₃ O ₉) _x System. Journal of Solid State Chemistry, 2000, 151, 77-84.	1.4	19
162	Evolution of magnetic behaviour in oxygen deficient LaMnO ₃ . Journal of Physics and Chemistry of Solids, 2006, 67, 579-582.	1.9	19

#	ARTICLE	IF	CITATIONS
163	High resolution transmission electron microscopy: A key tool to understand drug release from mesoporous matrices. <i>Microporous and Mesoporous Materials</i> , 2016, 225, 399-410.	2.2	19
164	Novel multifunctional strontium-copper co-substituted mesoporous bioactive particles. <i>Materials Letters</i> , 2018, 223, 37-40.	1.3	19
165	Electron microscopy and diffraction of barium-lanthanum ferrites: $Ba_xLa_{1-x}FeO_{3-y}$. <i>Journal of Solid State Chemistry</i> , 1988, 74, 110-116.	1.4	18
166	Synthesis and characterization of a new double perovskite: $LaCaMnCoO_6$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 775-779.	1.1	18
167	Planar defects in a precursor for phosphor materials: $SrAl_2 \cdot xBxO_4$ ($x < 0.2$). <i>Journal of Materials Chemistry</i> , 2002, 12, 1128-1131.	6.7	18
168	Nanostructure and Bioactivity of Hybrid Aerogels. <i>Chemistry of Materials</i> , 2009, 21, 41-47.	3.2	18
169	Light-Emitting-Diodes based on ordered InGaN nanocolumns emitting in the blue, green and yellow spectral range. <i>Nanotechnology</i> , 2014, 25, 435203.	1.3	18
170	Key role of the expression of bone morphogenetic proteins in increasing the osteogenic activity of osteoblast-like cells exposed to shock waves and seeded on bioactive glass-ceramic scaffolds for bone tissue engineering. <i>Journal of Biomaterials Applications</i> , 2014, 29, 728-736.	1.2	18
171	Influence of composition, strain, and electric field anisotropy on different emission colors and recombination dynamics from InGaN nanodisks in pencil-like GaN nanowires. <i>Physical Review B</i> , 2016, 93, .	1.1	18
172	Nonstoichiometry and structural intergrowth in the $CaF_xMn_{1-x}O_3$ ($0 \leq x \leq 1$) system. <i>Journal of Solid State Chemistry</i> , 1987, 71, 331-341.	1.4	17
173	Oxygen stoichiometry, critical temperature and pinning mechanisms in the 2212 BSCCO superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 1992, 203, 223-230.	0.6	17
174	A comparative crystal chemical analysis of Ba_2CoO_4 and $BaCoO_3$. <i>Solid State Sciences</i> , 2000, 2, 57-64.	1.5	17
175	Synthesis and Structural Characterization of $Ba_6Mn_5O_{16}$: The First Layered Oxide Isostructural to $Cs_6Ni_5F_{16}$. <i>Chemistry of Materials</i> , 2002, 14, 4006-4008.	3.2	17
176	Recurrent Intergrowths in the Topotactic Reduction Process of $LaBaCuCoO_{5.2}$. <i>Chemistry - A European Journal</i> , 2002, 8, 5694-5700.	1.7	17
177	The hydrothermal synthesis of tetragonal tungsten bronze-based catalysts for the selective oxidation of hydrocarbons. <i>Chemical Communications</i> , 2007, , 5040.	2.2	17
178	Structural Chemistry and Magnetic Properties of the $BaMn_{0.4}Co_{0.6}O_{2.83}$ Hexagonal Perovskite. <i>Chemistry of Materials</i> , 2007, 19, 1503-1508.	3.2	17
179	Study of the Defects in Sintered SnO_2 by High-Resolution Transmission Electron Microscopy and Cathodoluminescence. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1544-1548.	1.0	17
180	The controlled transition-metal doping of SnO_2 nanoparticles with tunable luminescence. <i>CrystEngComm</i> , 2014, 16, 2969.	1.3	17

#	ARTICLE	IF	CITATIONS
181	Nickel-Doped Sodium Cobaltite 2D Nanomaterials: Synthesis and Electrocatalytic Properties. Chemistry of Materials, 2018, 30, 4986-4994.	3.2	17
182	Sr-Containing Mesoporous Bioactive Glasses Bio-Functionalized with Recombinant ICOS-Fc: An In Vitro Study. Nanomaterials, 2021, 11, 321.	1.9	17
183	A New "123" Family: LnBa ₂ Fe ₃ O _z . Journal of Solid State Chemistry, 1993, 104, 232-238.	1.4	16
184	Compositional variations and structural disorder in the BaMnO _{3-δ} system. Solid State Ionics, 1993, 63-65, 614-619.	1.3	16
185	The Orthorhombic (Ba ₈ Co ₆ O ₁₈) [±] (Ba ₈ Co ₈ O ₂₄) ^{±2} Series, a New Family of Monodimensional Oxides. Chemistry of Materials, 2000, 12, 2727-2735.	3.2	16
186	A new family of α -clickeed α -estradiol-based low-molecular-weight gelators having highly symmetry-dependent gelation ability. Chemical Communications, 2011, 47, 10281.	2.2	16
187	A thermogravimetric and electron microscopy study of the decomposition of akaganeite. Thermochimica Acta, 1982, 58, 45-51.	1.2	15
188	Microstructural study of hexaferrite related compounds: Z(Ba ₃ Cu ₂ Fe ₂₄ O ₄₁) and BaFe ₂ O ₄ phase. Materials Research Bulletin, 1990, 25, 567-574.	2.7	15
189	Magnetic transitions in Nd ₂ NiO ₄ . Physical Review B, 1991, 43, 10451-10454.	1.1	15
190	Modulated Structure of La ₂ NiO ₄ + δ as a Mechanism of Oxygen Excess Accommodation. Journal of Solid State Chemistry, 1996, 125, 133-139.	1.4	15
191	Use of Electron Microscopy and Microdiffraction for Zeolite Framework Comparison. Journal of the American Chemical Society, 1997, 119, 11000-11005.	6.6	15
192	Ordering of ionic Vacancies in the BaCoO _{2.94} Hexagonal Related Perovskite. Journal of Solid State Chemistry, 1997, 128, 130-136.	1.4	15
193	Influence of the Oxidation on the Magnetic and Transport Properties in the (La _{1-x} Cax) _z MnzO _y (0 < x < 1). Journal of Solid State Chemistry, 1997, 128, 130-136.	3.2	15
194	Oxygen content and microstructure in Bi ₄ V ₂ O ₁₁ α - β . Journal of Materials Chemistry, 2001, 11, 2320-2323.	6.7	15
195	Microstructural characterization of Yba ₂ Cu ₃ O _{7-δ} thick films grown at very high rates and high temperatures by pulsed laser deposition. Journal of Materials Research, 2003, 18, 956-964.	1.2	15
196	Magnetic field driving custom assembly in (FeCo) nanocrystals. Applied Physics Letters, 2006, 89, 033508.	1.5	15
197	Structural, Magnetic, and Electrical Behavior of Low Dimensional Ba ₂ CoO ₄ . Chemistry of Materials, 2006, 18, 3898-3903.	3.2	15
198	Ferromagnetism in a New Manganese-Related Brownmillerite: La _{0.5} Sr _{0.5} MnO _{2.5} . Chemistry - A European Journal, 2007, 13, 4246-4252.	1.7	15

#	ARTICLE	IF	CITATIONS
199	A New "123" Family: $\text{LnBa}_2\text{Fe}_3\text{O}_z$, (II), Ln = Nd, Sm, and Eu. <i>Journal of Solid State Chemistry</i> , 1993, 105, 363-370.	1.4	14
200	Influence of the synthetic route on the $\text{BaFe}_{12}\text{O}_{19}$ properties. <i>Solid State Ionics</i> , 1993, 63-65, 207-212.	1.3	14
201	Stabilization of Cu under High Pressure in $\text{Sr}_2\text{CuGaO}_5$. <i>Chemistry of Materials</i> , 2002, 14, 2055-2062.	3.2	14
202	Mn-Rich $\text{BaMn}_{1-x}\text{Fe}_x\text{O}_{3-\delta}$ Perovskites Revisited: Structural, Magnetic, and Electrical Properties of Two New P6mm Polytypes. <i>Chemistry of Materials</i> , 2009, 21, 5272-5283.	3.2	14
203	Structure-Composition-Property Relationships of $\text{6H-BaTi}_{1-y}\text{Co}_y\text{O}_{3-\delta}$ (0.1 $\leq y \leq$ 0.4). <i>Chemistry of Materials</i> , 2011, 23, 1050-1060.	3.2	14
204	Stair-like Metamagnetic Transition Induced by Controlled Introduction of Oxygen Deficiency in $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_{3-\delta}$. <i>Chemistry of Materials</i> , 2012, 24, 2519-2526.	3.2	14
205	Relationship between the Magnetic Properties and the Formation of a ZnS/ZnO Interface in S-Capped ZnO Nanoparticles and ZnS/ZnO Thin Films. <i>Journal of Physical Chemistry C</i> , 2013, 117, 12199-12209.	1.5	14
206	Cr doped titania microtubes and microrods synthesized by a vapor-solid method. <i>CrystEngComm</i> , 2013, 15, 5490.	1.3	14
207	SrMnO_3 Thermo-chromic Behavior Governed by Size-Dependent Structural Distortions. <i>Inorganic Chemistry</i> , 2016, 55, 3980-3991.	1.9	14
208	Texture evolution of SnO_2 synthesized by pyrolysis of an aerosol. <i>Journal of Materials Research</i> , 1993, 8, 138-144.	1.2	14
209	Microdomains in the $\text{CaFe}_x\text{Mn}_{1-x}\text{O}_3$ ferrites. <i>Journal of Solid State Chemistry</i> , 1986, 65, 383-391.	1.4	13
210	Weak ferromagnetism and magnetic interactions in La_2NiO_4 . <i>Journal of Physics Condensed Matter</i> , 1992, 4, 487-496.	0.7	13
211	Influence of oxygen content on the cathodoluminescence of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Solid State Communications</i> , 1995, 96, 45-48.	0.9	13
212	Room-temperature CMR in manganites with 50% Mn^{4+} by generation of cationic vacancies. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 1748-1750.	1.0	13
213	Influence of the Synthetic Pathway on the Properties of Oxygen-Deficient Manganese-Related Perovskites. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3350-3355.	1.0	13
214	Tailored production of nanostructured metal/carbon foam by laser ablation of selected organometallic precursors. <i>Carbon</i> , 2010, 48, 1807-1814.	5.4	13
215	Perpendicular magnetic anisotropy in granular multilayers of CoPd alloyed nanoparticles. <i>Physical Review B</i> , 2016, 93, .	1.1	13
216	Critical Influence of Redox Pretreatments on the CO Oxidation Activity of $\text{BaFeO}_{3-\delta}$ Perovskites: An in-Depth Atomic-Scale Analysis by Aberration-Corrected and in Situ Diffraction Techniques. <i>ACS Catalysis</i> , 2017, 7, 8653-8663.	5.5	13

#	ARTICLE	IF	CITATIONS
217	Lithium insertion in reduced tungsten oxides. Journal of Solid State Chemistry, 1988, 76, 313-318.	1.4	12
218	Correlated Oxygen Diffusion in BIFEVOX. Chemistry of Materials, 2002, 14, 1606-1609.	3.2	12
219	Magnetic properties and pressure effects in Ca ₃ Co ₂ O ₆ ferrimagnet. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 757-759.	1.0	12
220	Structure-Property Relationships of the 10H Hexagonal-Type Perovskite BaMn _{0.4} Fe _{0.6} O _{2.73} . Chemistry of Materials, 2007, 19, 3425-3432.	3.2	12
221	Magnetic Structure and Electronic Study of Complex Oxygen-Deficient Manganites. Chemistry - A European Journal, 2008, 14, 9038-9045.	1.7	12
222	Synthesis, Structural, Magnetic, and Electrical Study of BaSrCo ₂ O ₅ , a Highly Disordered Cubic Perovskite. Chemistry of Materials, 2009, 21, 2045-2054.	3.2	12
223	Magnetoresistance and Ferromagnetism in Disordered LaCu _{0.5} Mn _{0.5} O ₃ Perovskite. Chemistry of Materials, 2013, 25, 2100-2108.	3.2	12
224	Non-stoichiometry and twinning in perovskite-related chromites. Journal of the Less Common Metals, 1990, 157, 271-279.	0.9	11
225	Magnetic properties of the Ca _n Fe ₂ Ti _{n-1} O _{3n-1} perovskite related series: An EPR study. Journal of Solid State Chemistry, 1992, 98, 25-32.	1.4	11
226	Phase diagram on La _{1-x} CaxMnO ₃ . Journal of Magnetism and Magnetic Materials, 1999, 196-197, 520-521.	1.0	11
227	Influence of Na Content on the Chemical Stability of Nanometric Layered Na _x RhO ₂ (0.7 ≤ x ≤ 1.0). European Journal of Inorganic Chemistry, 2005, 2005, 4410-4416.	1.0	11
228	Structural Chemistry of a New 10H Hexagonal Perovskite: BaMn _{0.4} Fe _{0.6} O _{2.73} . European Journal of Inorganic Chemistry, 2007, 2007, 2129-2135.	1.0	11
229	Lower critical field and surface barrier in sintered Bi ₂ Sr ₂ CaCu ₂ O ₈ +δ superconductor. Journal of Applied Physics, 1994, 75, 2578-2583.	1.1	10
230	Short-Range-Long-Range Order Transformation in the Bi ₄ V _{2-x} Fe _x O _{11-y} Series. Chemistry of Materials, 2001, 13, 96-102.	3.2	10
231	Structural and Magnetic Study of Sr _{3.3} Ca _{0.7} CoRh ₂ O ₉ : A New Partially Ordered Antiferromagnetic System. Chemistry of Materials, 2002, 14, 4948-4954.	3.2	10
232	Spray pyrolysis for high T _c superconductors films. Superconductor Science and Technology, 2004, 17, 1303-1310.	1.8	10
233	Strategies To Stabilize New Oxides in the Sr _{n+1} (CoTa) _n O _{3n+1} Ruddlesden-Popper Homologous Series. Chemistry - A European Journal, 2007, 13, 910-915.	1.7	10
234	Polytypism in the BaMn _{0.85} Ti _{0.15} O ₃ System (0.07 ≤ x ≤ 0.34). Structural, Magnetic, and Electrical Characterization of the 9R-Polymorph. Chemistry of Materials, 2010, 22, 4320-4327.	3.2	10

#	ARTICLE	IF	CITATIONS
235	Synthesis of 4H-SrMnO _{3.0} Nanoparticles from a Molecular Precursor and Their Topotactic Reduction Pathway Identified at Atomic Scale. <i>Chemistry of Materials</i> , 2014, 26, 2256-2265.	3.2	10
236	Ordered arrays of InGaN/GaN dot-in-a-wire nanostructures as single photon emitters. <i>Proceedings of SPIE</i> , 2015, , .	0.8	10
237	A shelf-life study of silica- and carbon-based mesoporous materials. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 101, 205-213.	2.9	10
238	Revisiting the Role of Vacancies in Manganese Related Perovskites. <i>Open Inorganic Chemistry Journal</i> , 2007, 1, 37-46.	0.3	10
239	Polyelectrolyte-Coated Mesoporous Bioactive Glasses via Layer-by-Layer Deposition for Sustained Co-Delivery of Therapeutic Ions and Drugs. <i>Pharmaceutics</i> , 2021, 13, 1952.	2.0	10
240	A Mössbauer spectroscopy study of the Ca _x Fe _{1-x} Mn _{1-y} O _{3+y} ferrites (0.2 ≤ x ≤ 0.4). <i>Journal of Solid State Chemistry</i> , 1988, 73, 57-64.	1.4	9
241	Meissner effect and critical fields in an inhomogeneous Ba ₂ HoCu ₃ O _{7-x} high-T _c superconductor. <i>Physical Review B</i> , 1988, 38, 2455-2459.	1.1	9
242	HREM study and structure analysis of the Z(Ba ₃ Cu ₂ Fe ₂₄ O ₄₁) hexagonal ferrite. <i>Materials Research Bulletin</i> , 1990, 25, 845-853.	2.7	9
243	Magnetic irreversibility in granular superconductors: AC susceptibility study. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 185-189, 1843-1844.	0.6	9
244	Nonstoichiometry in the La _{2-x} Sr _x NiO _{4+δ} system. <i>Solid State Ionics</i> , 1993, 66, 21-26.	1.3	9
245	Control of carbon impurities in 2212 superconducting phase. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 230, 407-411.	0.6	9
246	New stabilized phases in the Sr/Ca-Mn-Co-O system: structural-magnetic properties relationship. <i>Journal of Materials Chemistry</i> , 2007, 17, 1620-1626.	6.7	9
247	Outstanding Atomic Order in Ruddlesden-Popper Oxide Microcrystals. <i>Chemistry of Materials</i> , 2015, 27, 1397-1404.	3.2	9
248	Antiferromagnetism in La _{2-x} Sr _x NiO _{4+y} . <i>Physica C: Superconductivity and Its Applications</i> , 1989, 162-164, 1273-1274.	0.6	8
249	Phase transitions and oxygen content in the Nd _{2-x} Sr _x NiO _{4+δ} system. <i>Solid State Ionics</i> , 1993, 66, 219-223.	1.3	8
250	Strategies to Stabilize New Members of the (A ₃ A ₂ BO ₆)(A ₃ B ₃ O ₉) Homologous series in the Sr-Rh-O System: Structure of the One-Dimensional (=3, =2) [Sr ₁₀ (Sr _{0.5} Rh _{1.5})TP(Rh ₆)OH] ₂₄ Oxide. <i>Chemistry - A European Journal</i> , 2002, 8, 4973-4979.	1.7	8
251	Synthesis and Microstructural Characterisation of Two New One-Dimensional Members of the (A ₃ NiMnO ₆)(A ₃ Mn ₃ O ₉) Homologous Series (A = Ba, Sr). <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2419-2425.	1.0	8
252	A Hole-Attractor Model: Tailoring Manganese-Related Perovskites. <i>Chemistry of Materials</i> , 2003, 15, 2864-2866.	3.2	8

#	ARTICLE	IF	CITATIONS
253	Bioactive organic-inorganic hybrid aerogels. Materials Research Society Symposia Proceedings, 2004, 847, 97.	0.1	8
254	Ab initio x-ray absorption study of the manganese K-edge XANES spectra in Mn- and Zn-related hexagonal perovskites. Physical Review B, 2006, 74, .	1.1	8
255	Room Temperature Ferroelectricity in $\text{Na}_{1-x}\text{Sr}_x/2\text{NbO}_3$ through the Introduction of Cationic Vacancies. Chemistry of Materials, 2008, 20, 6957-6964.	3.2	8
256	High-Resolution Transmission Electron Microscopy (HRTEM) and X-ray Diffraction (XRD) Study of the Intergrowth in Zeolites ITQ-13/ITQ-34. Journal of Physical Chemistry C, 2009, 113, 9305-9308.	1.5	8
257	Structural and magnetic properties of granular CoPd multilayers. Journal of Magnetism and Magnetic Materials, 2016, 400, 248-252.	1.0	8
258	Magnetic energy absorption in sintered $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ samples. Physica C: Superconductivity and Its Applications, 1988, 153-155, 1533-1534.	0.6	7
259	Diamagnetism and critical currents of $\text{Bi}_{1-x}\text{Ca}_x\text{Sr}_{1-x}\text{Cu}_{1-x}\text{O}$ samples. Cryogenics, 1989, 29, 379-383.	0.9	7
260	Microdomains in the $\text{Ca}_{1-x}\text{Mn}_x\text{O}_3$ ferrites. III. $0.5 \leq x \leq 0.9$. Journal of Solid State Chemistry, 1989, 81, 1-8.	1.4	7
261	Electron microscopy, neutron diffraction, and physical properties of bismuth strontium copper oxide ($\text{Bi}_4\text{Sr}_8\text{Cu}_5\text{O}_{19+y}$). Chemistry of Materials, 1991, 3, 844-852.	3.2	7
262	Influence of oxygen stoichiometry on T_c and pinning force of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2475-2476.	0.6	7
263	Stability range and T_c variation of superconducting $\text{Bi}_{1.92}\text{Sr}_{1.89}\text{Ca}_{1.04}\text{Cu}_2\text{O}_y$. Solid State Communications, 1992, 82, 95-100.	0.9	7
264	μ_0 SR study of magnetic order in La_2NiO_4 . Journal of Magnetism and Magnetic Materials, 1992, 104-107, 941-943.	1.0	7
265	EPR and magnetization of La_2NiO_4 . Journal of Materials Research, 1994, 9, 176-179.	1.2	7
266	Raman Scattering Study of Cation-Deficient $\text{Ba}(\text{MoNb})_{n-1}\text{O}_{3n-x}$ and Related Perovskite-like Oxides. Chemistry of Materials, 2000, 12, 2287-2291.	3.2	7
267	Structural relationships between 2D and 3D Ba_2Mn oxides. Solid State Ionics, 2004, 172, 543-547.	1.3	7
268	Structural-Magnetic Properties Relationship in a New Commensurate Material: $\text{Sr}_9\text{Mn}_5\text{Co}_2\text{O}_{21}$. Chemistry of Materials, 2004, 16, 5408-5413.	3.2	7
269	Structural and magnetic properties of amorphous Co-W alloyed nanoparticles. Physical Review B, 2011, 84, .	1.1	7
270	Trabecular coating on curved alumina substrates using a novel bioactive and strong glass-ceramic. Biomedical Glasses, 2015, 1, .	2.4	7

#	ARTICLE	IF	CITATIONS
271	Effect of lithium doping and precursors on the microstructural, surface electronic and luminescence properties of single crystalline microtubular tin oxide structures. <i>CrystEngComm</i> , 2017, 19, 4321-4329.	1.3	7
272	The influence of the synthesis procedure in the obtention of untwinned superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1988, 153-155, 357-358.	0.6	6
273	Twins, electron-phonon coupling and fluctuations in $Y_{0.5}Sm_{0.5}Ba_2Cu_3O_{7-\delta}$. <i>Physica C: Superconductivity and Its Applications</i> , 1989, 157, 285-292.	0.6	6
274	Irradiation-induced phase transition in $Ba_2Fe_2O_5$. <i>Journal of Solid State Chemistry</i> , 1990, 85, 15-22.	1.4	6
275	Influence of the Deposition Parameters on $La_{1-x}A_xMnO$ ($A = Ca, Sr$) Films Grown by Low-Pressure Aerosol Pyrolysis. <i>Chemistry of Materials</i> , 1999, 11, 3521-3527.	3.2	6
276	Ferroelectric Behavior of $Pb(Mg_{1/3}Nb_{2/3})O_3$ (PMN) Obtained by the Sol-Gel Method. <i>Chemistry of Materials</i> , 2001, 13, 415-419.	3.2	6
277	New Members of the $(Ba_8Co_6O_{18})_n(Ba_8Co_8O_{24})_m$ Polysomatic Series. <i>Journal of Solid State Chemistry</i> , 2001, 162, 322-326.	1.4	6
278	Influence of Mn^{2+} in the magnetic behaviour of manganese related-perovskites. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 571-574.	1.9	6
279	Structural Chemistry of $n = 1$ Member of the Ruddlesden-Popper $Sr_{n+1}(Co_{0.5}Ta_{0.5})_nO_{3n+1}$ Homologous Series: Sr_4CoTaO_8 . <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2068-2071.	1.0	6
280	An Electron-Attractor Model: FM Nanoclusters Responsible for Magnetoresistant Behavior in Ca-Rich $La_{1-x}Ca_xMnO_3$. <i>Chemistry of Materials</i> , 2008, 20, 3398-3403.	3.2	6
281	Induction of Relaxor Behavior in $Na_{1-x}Sr_x/2NbO_3$ through the Introduction of Cationic Vacancies. <i>Chemistry of Materials</i> , 2009, 21, 2193-2200.	3.2	6
282	HRTEM, SAED and XRD investigations of $La_4O_4[AsO_4]Br$ and $Pr_4O_4[AsO_4]Br$. <i>Solid State Sciences</i> , 2011, 13, 239-243.	1.5	6
283	Magnetoresistance in $La_{0.5}Sr_{0.5}MnO_{2.5}$. <i>Chemistry - A European Journal</i> , 2011, 17, 2709-2715.	1.7	6
284	Unambiguous localization of titanium and iron cations in doped manganese hollandite nanowires. <i>Chemical Communications</i> , 2020, 56, 4812-4815.	2.2	6
285	Diamagnetism and electrical connectivity in an inhomogeneous $Ba_2YCu_3O_{7-x}$ superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 1988, 153-155, 389-390.	0.6	5
286	Mössbauer emission study of ^{57}Co : $YBa_2Cu_3O_{7-y}$ HTSC. <i>European Physical Journal B</i> , 1988, 73, 143-148.	0.6	5
287	Lithium insertion in reduced tungsten oxides. <i>Solid State Ionics</i> , 1989, 32-33, 162-166.	1.3	5
288	Mössbauer study of vacancy distribution in $CaMn_{1-x}Fe_xO_3$ ($x = 0.5, 0.6$). <i>Journal of Solid State Chemistry</i> , 1989, 83, 150-157.	1.4	5

#	ARTICLE	IF	CITATIONS
289	Non-stoichiometry in lanthanide substituted $Ba_2Fe_2O_5 + \hat{\Gamma}$. Journal of the Less Common Metals, 1991, 169, 25-31.	0.9	5
290	Oxygen vacancy ordering in $La_2\hat{\sim}xSr_xNiO_4\hat{\Gamma}$. Physica B: Condensed Matter, 1992, 180-181, 399-401.	1.3	5
291	Determination of the Crystallite Size and Shape in Substituted Barium Hexaferrite by X-Ray Line Broadening Analysis. Journal of Solid State Chemistry, 1995, 114, 534-538.	1.4	5
292	A HREM Study on $La_{1/3}Sr_{2/3}FeO_3\hat{\sim}y, I: (0 \hat{\%}y\hat{\%} 0.10)$. Journal of Solid State Chemistry, 1996, 124, 278-286.	1.4	5
293	Study of the effect of formamide and N,N-dimethylformamide on the synthesis of CdS nanoparticles in a SiO_2 matrix by sol-gel method. Solid State Sciences, 1999, 1, 351-364.	1.5	5
294	Phase Transition Induced by High Pressure in a New $LaBaCuGaO_5$ Compound. Journal of Solid State Chemistry, 2000, 155, 372-380.	1.4	5
295	New Ordering Scheme Based on the Partial Occupation of Prismatic Sites in a Monodimensional $Sr\hat{\sim}Rh\hat{\sim}O$ System. Chemistry of Materials, 2000, 12, 3237-3239.	3.2	5
296	Transition from the Layered Sr_2RhO_4 to the Monodimensional Sr_4RhO_6 Phase. Chemistry - A European Journal, 2001, 7, 1444-1449.	1.7	5
297	Understanding Internal Mechanisms To Obtain Nanomanganites by Hydrothermal Synthesis: The Particular Case of $4H-SrMnO_3$. Crystal Growth and Design, 2015, 15, 2192-2203.	1.4	5
298	Multicationic $Sr_4Mn_3O_{10}$ mesostructures: molten salt synthesis, analytical electron microscopy study and reactivity. Materials Horizons, 2018, 5, 480-485.	6.4	5
299	Exceptional Low-Temperature CO Oxidation over Noble-Metal-Free Iron-Doped Hollandites: An In-Depth Analysis of the Influence of the Defect Structure on Catalytic Performance. ACS Catalysis, 2021, 11, 15026-15039.	5.5	5
300	Structural, electrical and magnetic properties of $Ba_2ReCu_3-xFexO_7\hat{\sim}\hat{\Gamma}$ (Re=Y,Ho) high T_c superconductors. Physica C: Superconductivity and Its Applications, 1988, 153-155, 888-889.	0.6	4
301	Y-Sm twinned and untwinned high temperature superconductors: a comparative study. Cryogenics, 1989, 29, 350-354.	0.9	4
302	Spin reorientations in $Nd_{1.8}Sr_{0.2}NiO_{3.8}$. Physica B: Condensed Matter, 1992, 180-181, 402-404.	1.3	4
303	Topological excitations vs intergranular phase ? coherence in a HTSC $Y_{0.5}Sm_{0.5}Ba_2Cu_3O_7$ ceramics. European Physical Journal B, 1992, 87, 21-28.	0.6	4
304	A New "123" Family: $LnBa_2Fe_3O_z$. Journal of Solid State Chemistry, 1994, 110, 142-149.	1.4	4
305	A HREM Study on $La_{1/3}Sr_{2/3}FeO_3\hat{\sim}y, II. (0.15 \hat{\%}y\hat{\%} 0.33)$. Journal of Solid State Chemistry, 1996, 125, 125-132.	1.4	4
306	Temperature dependence of the magnetic properties in $LaMnO_3\hat{\Gamma}$. Journal of Applied Physics, 2006, 99, 08A702.	1.1	4

#	ARTICLE	IF	CITATIONS
307	Topotactic Migration of Cationic Vacancies in La1-tMn1-tO3. European Journal of Inorganic Chemistry, 2010, 2010, 3436-3440.	1.0	4
308	Hole and electron attractor model: An explanation of clustered states in manganites. Progress in Solid State Chemistry, 2010, 38, 38-45.	3.9	4
309	Perpendicular magnetic anisotropy in Coâ€“Pt granular multilayers. Low Temperature Physics, 2012, 38, 835-838.	0.2	4
310	X-Ray Powder Diffraction as a Tool to Investigate the Ultrastructure of Nanoparticles. Russian Physics Journal, 2014, 56, 1111-1115.	0.2	4
311	Chlorine Insertion Promoting Iron Reduction in Baâ€“Fe Hexagonal Perovskites: Effect on the Structural and Magnetic Properties. Inorganic Chemistry, 2016, 55, 6261-6270.	1.9	4
312	Experimental Evidence of the Origin of Nanophase Separation in Low Hole-Doped Colossal Magnetoresistant Manganites. Nano Letters, 2016, 16, 760-765.	4.5	4
313	Atomically Resolved Short-Range Order at the Nanoscale in the Caâ€“Mnâ€“O System. Inorganic Chemistry, 2017, 56, 11753-11761.	1.9	4
314	High pressure synthesis of Ruî—,Cr mixed oxides and oxyhydroxides. Journal of the Less Common Metals, 1987, 135, 105-111.	0.9	3
315	Influence of Sb and Pb substitution on the physical properties of the Bi Sr Ca Cu O compounds. Physica C: Superconductivity and Its Applications, 1989, 162-164, 863-864.	0.6	3
316	On inhomogeneous superconductivity in Fe substituted YBa 2 Cu 3 O 7-Î´. Physica C: Superconductivity and Its Applications, 1989, 162-164, 41-42.	0.6	3
317	On the effects of helium absorption on the superconducting onset of YBa2Cu3O7âˆ“y. Solid State Communications, 1989, 69, 1073-1077.	0.9	3
318	Low temperature magnetization of antiferromagnetic YBa2Cu3O6. Journal of Magnetism and Magnetic Materials, 1990, 83, 517-518.	1.0	3
319	Synthesis of pure and Pd-doped SnO2 particles. Solid State Ionics, 1993, 63-65, 159-163.	1.3	3
320	Influence of the synthetic method on the TiO2 texture. Solid State Ionics, 1993, 63-65, 201-206.	1.3	3
321	Electron spin resonance of La2âˆ“xSrxNiO4+Î´. Physica B: Condensed Matter, 1993, 190, 177-182.	1.3	3
322	Microstructural variations as a function of Î´ in La2âˆ“xSrxNiO4+Î´. Journal of Materials Research, 1994, 9, 1263-1271.	1.2	3
323	Surface barrier and lower critical field of the powderedPr1.85Ce0.15CuO3.98superconductor. Physical Review B, 1996, 53, 5160-5162.	1.1	3
324	A New Structure Model for Ba3Nb2O8:Â A HREM Study. Chemistry of Materials, 2000, 12, 2485-2489.	3.2	3

#	ARTICLE	IF	CITATIONS
325	A Structural Study of the Solid Solution $\text{Eu}_2(\text{Mo}_{1-x}\text{W}_x)\text{O}_{12}$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 1988-1990.	0.6	3
326	Direct Atomic Observation in Powdered $4\text{H-Ba}_{0.8}\text{Sr}_{0.2}\text{Mn}_{0.4}\text{Fe}_{0.6}\text{O}_{2.7}$. <i>Chemistry of Materials</i> , 2013, 25, 548-554.	3.2	3
327	Magnon-mediated magnetoresistance in layered manganites. <i>Physical Review B</i> , 2019, 99, .	1.1	3
328	Influence of Cation Substitution on the Complex Structure and Luminescent Properties of the $\text{Zn}_k\text{In}_{2-k}\text{O}_{3+k}$ System. <i>Chemistry of Materials</i> , 2020, 32, 6176-6185.	3.2	3
329	Novel insights into the magnetic behavior of non-stoichiometric $\text{LaMnO}_{3+\delta}$ nanoparticles. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10361-10371.	2.7	3
330	High pressure synthesis of mixed Titanium-Chromium oxyhydroxides. <i>Materials Research Bulletin</i> , 1984, 19, 1207-1213.	2.7	2
331	Thermal expansion and heat capacity of $\text{Bi}_4\text{Ca}_3\text{Sr}_3\text{Cu}_4\text{O}_{16}$ at low temperatures. <i>Physica C: Superconductivity and Its Applications</i> , 1989, 162-164, 566-567.	0.6	2
332	Evidence for a kosterlitz-thouless transition in high quality YBaCuO ceramics. <i>Journal of the Less Common Metals</i> , 1990, 164-165, 160-165.	0.9	2
333	Synthesis of mixed oxides by decomposition of polymeric acids. <i>Solid State Ionics</i> , 1993, 63-65, 60-65.	1.3	2
334	Synthesis of cassiterite by pyrolysis of an aerosol. <i>Solid State Ionics</i> , 1993, 63-65, 164-169.	1.3	2
335	Variation of the magnetic properties of $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}$ as a function of the synthetic route. <i>Solid State Ionics</i> , 2001, 141-142, 427-432.	1.3	2
336	A SAED and HREM study of structural defects in brownmillerite, $\text{LaBaxSr}_{1-x}\text{CuGaO}_y$ related oxides. <i>Journal of Electron Microscopy</i> , 2002, 51, 59-66.	0.9	2
337	Magnetic field influence on nanocrystallization process of FeCoSiBCuNb alloys. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 1271-1276.	0.8	2
338	Morphology and magnetic properties of W-capped Co nanoparticles. <i>Journal of Applied Physics</i> , 2010, 107, 09B508.	1.1	2
339	Structure-property relations in anion deficient 5H- and 3C-polytype $\text{Ba}(\text{Ti},\text{Co})\text{O}_{3+\delta}$ perovskites. <i>Journal of Materials Chemistry</i> , 2012, 22, 15092.	6.7	2
340	Atomic-resolution studies of epitaxial strain release mechanisms in $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4/\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ superlattices. <i>Physical Review B</i> , 2015, 91, .	1.1	2
341	Short range order fluctuations and itinerant ferromagnetism in Ni_3Al . <i>Solid State Communications</i> , 2015, 201, 111-114.	0.9	2
342	Silicon-Based Photonic Architectures from Hierarchically Porous Carbon Opals. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 1900396.	1.2	2

#	ARTICLE	IF	CITATIONS
343	Hydroxyapatites as Versatile Inorganic Hosts of Unusual Pentavalent Manganese Cations. Chemistry of Materials, 2020, 32, 10584-10593.	3.2	2
344	New insights into the luminescence properties of a Na stabilized Ga ³⁺ Ti oxide homologous series. Journal of Materials Chemistry C, 2020, 8, 2725-2731.	2.7	2
345	Thermal decomposition of mixed titanium ³⁺ chromium oxyhydroxides.. Thermochemica Acta, 1985, 85, 79-82.	1.2	1
346	Electron microscopy, electrical resistivity and magnetic properties of the new tubular phase Bi ₄ Sr ₈ Cu ₅ O _{19+x} . Physica C: Superconductivity and Its Applications, 1989, 162-164, 865-866.	0.6	1
347	Hrem study and image matching of BaFe ₂ O ₄ . Journal of the Less Common Metals, 1990, 166, 343-352.	0.9	1
348	Defects study by HREM of the hydrated sodium ³⁺ alumina-like ferrite and derived (Li, Zn) spinel ferrite. Solid State Ionics, 1991, 45, 49-55.	1.3	1
349	Electron and/or hole doping in Pr ₂ CuO ₄ . Physica C: Superconductivity and Its Applications, 1994, 235-240, 811-812.	0.6	1
350	Magnetic properties of Nd _{2-x} Sr _x NiO _{4+y} oxides. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1561-1562.	0.6	1
351	Influence of Oxygen and Strontium Content on the Pr _{2-y} Sr _y CuO _{4+y} System. Journal of Solid State Chemistry, 1995, 116, 385-391.	1.4	1
352	HREM and CIP Characterization of Complex Superstructures in Cu-Co Related Perovskites. European Journal of Inorganic Chemistry, 2003, 2003, 2986-2991.	1.0	1
353	Mercury activated demercurization in (La _{0.97} Ca _{0.03}) _{0.96} Mn _{0.96} O ₃  overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/table-struct/dtd"/>	1.0	1
354	Crystallographic shear mechanisms in Rh one-dimensional oxides. Solid State Sciences, 2005, 7, 173-177.	1.5	1
355	Poly(methyl methacrylate) Coating of Soft Magnetic Amorphous and Crystalline Fe,Co-B Nanoparticles by Chemical Reduction. Journal of Nanoscience and Nanotechnology, 2012, 12, 1843-1851.	0.9	1
356	Surprising resistivity decrease in manganites with constant electronic density. Journal of Physics Condensed Matter, 2013, 25, 484002.	0.7	1
357	Chemical Analysis at Atomic Resolution of Isolated Extended Defects in an Oxygen-Deficient, Complex Manganese Perovskite. Chemistry - A European Journal, 2014, 20, 1237-1241.	1.7	1
358	Atomic Resolution Electron Microscopy: A Key Tool for Understanding the Activity of Nano-Oxides for Biomedical Applications. Nanomaterials, 2021, 11, 2073.	1.9	1
359	Evaluation of the Nanodomain Structure in In-Zn-O Transparent Conductors. Nanomaterials, 2021, 11, 198.	1.9	1
360	The Role of Transmission Electron Microscopy in the Early Development of Mesoporous Materials for Tissue Regeneration and Drug Delivery Applications. Pharmaceutics, 2021, 13, 2200.	2.0	1

#	ARTICLE	IF	CITATIONS
361	Critical fields in Ba ₂ SmCu ₃ O _{7-x} high T _c superconductor from magnetization measurements. Physica C: Superconductivity and Its Applications, 1988, 153-155, 1503-1504.	0.6	0
362	Fluctuations and critical fields in (Y Sm) HTSC. Physica C: Superconductivity and Its Applications, 1989, 162-164, 723-724.	0.6	0
363	Structural intergrowths in iron substituted Y _{1-x} Ba _x Cu _{1-x} O. Journal of the Less Common Metals, 1990, 161, 159-164.	0.9	0
364	Influence of the oxygen content on the stability of T ₁ and T ₂ phases. Solid State Ionics, 1993, 66, 35-40.	1.3	0
365	Thermogravimetric and microstructural studies on YBa ₂ Cu _{3-x} FexO _y . Solid State Ionics, 1993, 63-65, 866-871.	1.3	0
366	Order-disorder in T ₁ , T ₂ , and T ₃ phase: Superconductors and related materials. Microscopy Research and Technique, 1995, 30, 193-207.	1.2	0
367	Paramagnetic centers in Nd _{2-x} SrxNiO _y : an EPR study. Physica B: Condensed Matter, 1995, 210, 171-177.	1.3	0
368	Influence of Sr-doping in Ba ₇ Rh ₆ O ₁₈ , a new one-dimensional oxide of the homologous series (A ₃ Rh ₂ O ₆) _α (A ₃ Rh ₃ O ₉) _β . Journal of Electron Microscopy, 2003, 52, 41-47.	0.9	0
369	Extended defects and reactivity in YBCO films. Solid State Ionics, 2004, 172, 539-541.	1.3	0
370	Ferro-antiferromagnetic transition in slightly doped manganites. Solid State Ionics, 2004, 172, 549-551.	1.3	0
371	Synthesis, Structural and Magnetic Characterization of a New Scheelite Related Compound: Eu ₂ Mo ₃ O ₁₂ . ChemInform, 2005, 36, no.	0.1	0
372	High Resolution Electron Microscopy: A Powerful Tool to Characterize Nanotubes. Key Engineering Materials, 0, 441, 95-119.	0.4	0
373	Long and Short Ordering in Cationic Deficient Manganese Related Brownmillerites. Microscopy and Microanalysis, 2012, 18, 69-70.	0.2	0
374	Epitaxial growth of luminescent Sn-Cr doped ²⁺ Ga ₂ O ₃ nanowires. Materials Research Society Symposia Proceedings, 2014, 1707, 44.	0.1	0
375	Structure and magnetic properties of 4H-SrMnO _{3-δ} (δ =0.0 and 0.18) nanoparticles synthesized by thermal decomposition of appropriate precursor. Materials Research Society Symposia Proceedings, 2014, 1708, 25.	0.1	0
376	Complex structural ordering of the oxygen deficiency in La _{0.5} Ca _{2.5} Mn ₂ O _{7-δ} Ruddlesden-Popper phases. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, 644-651.	0.0	0