

# Anderson Dias

## List of Publications by Year in descending order

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132  
papers

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Vibrational spectroscopy and intrinsic dielectric properties of Sr <sub>2</sub> RE <sub>8</sub> (SiO <sub>4</sub> ) <sub>6</sub> O <sub>2</sub> (RE = Rare earth) ceramics. Materials Research Bulletin, 2022, 146, 111616.	2.7	7
2	Experimental evaluation of the activity and selectivity of pure MnWO <sub>4</sub> and doped with rare earth ions in the CO <sub>2</sub> photoreduction process. Materials Research Bulletin, 2022, 153, 111912.	2.7	9
3	Optical-vibration and intrinsic dielectric properties of low-k high-Q Zn <sub>2</sub> GeO <sub>4</sub> ceramics. Journal of Physics and Chemistry of Solids, 2021, 148, 109693.	1.9	5
4	Synthesis of NiMoO <sub>4</sub> ceramics by proteic sol-gel method and investigation of their catalytic properties in hydrogen production. Materials Chemistry and Physics, 2021, 262, 124301.	2.0	5
5	Polymorphism in Gd <sub>2</sub> Ge <sub>2</sub> O <sub>7</sub> ceramics: Structural, vibrational, and optical features. Ceramics International, 2021, 47, 15202-15209.	2.3	5
6	Luminescence properties of PrNbO <sub>4</sub> and EuNbO <sub>4</sub> orthoniobates and investigation of their structural phase transition by high-temperature Raman spectroscopy. Journal of Luminescence, 2021, 238, 118284.	1.5	7
7	New insight on the use of diffuse reflectance spectroscopy for the optical characterization of Ln <sub>2</sub> Ge <sub>2</sub> O <sub>7</sub> (Ln = lanthanides) pyrogermanates. Journal of Luminescence, 2021, 238, 118312.	1.5	9
8	Optical-vibration properties of Li <sub>2</sub> ZnGeO <sub>4</sub> dielectric ceramics. Vibrational Spectroscopy, 2020, 110, 103130.	1.2	6
9	Polarized Raman scattering and infrared dispersion analysis of Na <sub>2</sub> ZnGeO <sub>4</sub> ceramics. Journal of Raman Spectroscopy, 2020, 51, 1372-1382.	1.2	1
10	Microstructure and optical vibration features of complex cobalt molybdates synthesized by the microwave and conventional hydrothermal processes. Vibrational Spectroscopy, 2020, 109, 103107.	1.2	1
11	A soft chemistry approach to preparing (de)sodiated transition-metal hydroxy molybdates. CrystEngComm, 2020, 22, 1939-1955.	1.3	5
12	Adsorption of organic and inorganic arsenic from aqueous solutions using MgAl-LDH with incorporated nitroprusside. Journal of Colloid and Interface Science, 2020, 575, 194-205.	5.0	46
13	New insights on the structural and optical-vibration properties of noncentrosymmetric lanthanides pyrogermanates. Ceramics International, 2020, 46, 13491-13501.	2.3	4
14	Synthesis and characterisation of the vibrational and electrical properties of antiferromagnetic 6L-Ba <sub>2</sub> CoTeO <sub>6</sub> ceramics. Dalton Transactions, 2019, 48, 11112-11121.	1.6	1
15	Optical vibrational properties of Bi <sub>2</sub> -Ca Sn <sub>2</sub> O <sub>7</sub> -/2 ceramics. Journal of Alloys and Compounds, 2019, 786, 1030-1039.	2.8	1
16	Intra-grain polarized infrared spectroscopy realized in domain-engineered Zn <sub>2</sub> GeO <sub>4</sub> ceramics. Materials Research Bulletin, 2019, 118, 110513.	2.7	4
17	Influence of europium doping on the structural phase-transition temperature of $\hat{\Gamma}^2\hat{a}^{\sim}$ and $\hat{\Gamma}^{\pm}\hat{a}^{\sim}$ CoMoO <sub>4</sub> polymorphs. Materials Research Bulletin, 2019, 118, 110517.	2.7	15
18	Polymorphism and Optical "Vibration Properties of MnV <sub>2</sub> O <sub>6</sub> ·nH <sub>2</sub> O (n = 0, 2, 4) Prepared by Microwave Irradiation. Crystal Growth and Design, 2019, 19, 3233-3243.	1.4	13

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19	Structural, optical-vibration and magnetic properties of tetragonal lanthanide pyrogermanates obtained by molten-salt synthesis. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 482, 160-167.	1.0	8
20	Synthesis, structural and optical-vibration properties of Ba <sub>3</sub> Sc <sub>4</sub> O <sub>9</sub> and Sr <sub>3</sub> Sc <sub>4</sub> O <sub>9</sub> ceramics. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 474-480.	1.2	3
21	Synthesis of SmLuO <sub>3</sub> and EuLuO <sub>3</sub> interlanthanides from hydrothermally-derived nanostructured precursors. <i>Arabian Journal of Chemistry</i> , 2019, 12, 4035-4043.	2.3	2
22	Use of Carbon-based Nanomaterials on the Cold Agglomeration of Iron Ore Fines. <i>ISIJ International</i> , 2019, 59, 660-664.	0.6	0
23	Hydrothermal synthesis and polarized micro-Raman spectroscopy of copper molybdates. <i>Ceramics International</i> , 2018, 44, 12426-12434.	2.3	11
24	Feasible and Clean Solid-Phase Synthesis of LiNbO <sub>3</sub> by Microwave-Induced Combustion and Its Application as Catalyst for Low-Temperature Aniline Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 1680-1691.	3.2	15
25	Investigation of Polymorphism and Vibrational Properties of MnMoO <sub>4</sub> Microcrystals Prepared by a Hydrothermal Process. <i>Crystal Growth and Design</i> , 2018, 18, 2474-2485.	1.4	19
26	Infrared dispersion analysis and Raman scattering spectra of taurine single crystals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 276-284.	2.0	10
27	Layered double hydroxides for remediation of industrial wastewater containing manganese and fluoride. <i>Journal of Cleaner Production</i> , 2018, 171, 275-284.	4.6	47
28	Electrocatalytic performance of different cobalt molybdate structures for water oxidation in alkaline media. <i>CrystEngComm</i> , 2018, 20, 5592-5601.	1.3	27
29	Polarization-resolved Raman modes of monoclinic SrAl <sub>2</sub> O <sub>4</sub> ceramics. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 1514-1521.	1.2	12
30	Raman and infrared spectroscopic investigations of a ferroelastic phase transition in $Ba_2ZnTeO_9$ double perovskite. <i>Physical Review Materials</i> , 2018, 2, .	0.9	16
31	Raman and infrared spectroscopic studies of LaTaTiO <sub>6</sub> polymorphs. <i>Journal of Alloys and Compounds</i> , 2017, 710, 608-615.	2.8	11
32	Thermal, vibrational and optical properties of PrLuO <sub>3</sub> interlanthanides from hydrothermally-derived precursors. <i>Dalton Transactions</i> , 2017, 46, 825-835.	1.6	2
33	Synthesis and $\frac{1}{4}$ -Raman scattering of Ruddlesden-Popper ceramics Sr <sub>3</sub> Ti <sub>2</sub> O <sub>7</sub> , SrLa <sub>2</sub> Al <sub>2</sub> O <sub>7</sub> and Sr <sub>2</sub> LaAlTiO <sub>7</sub> . <i>Journal of Alloys and Compounds</i> , 2017, 725, 77-83.	2.8	13
34	High-temperature antiferroelectric and ferroelectric phase transitions in phase pure LaTaO <sub>4</sub> . <i>Ceramics International</i> , 2017, 43, 1543-1551.	2.3	6
35	Micro far-infrared dielectric response of lanthanide orthotantalates for applications in microwave circuitry. <i>Journal of Alloys and Compounds</i> , 2017, 693, 1243-1249.	2.8	15
36	Monitoring the Structural and Vibrational Properties in RE-Doped SrTiO <sub>3</sub> Ceramic Powders. <i>Journal of Physical Chemistry C</i> , 2016, 120, 16960-16968.	1.5	24

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37	Influence of drying temperature and atmosphere on the mechanical strength of iron-ore agglomerates and sodium silicates for application in sintering processes. Canadian Journal of Chemical Engineering, 2016, 94, 75-80.	0.9	5
38	Optical properties of undoped NdTaO <sub>4</sub> , ErTaO <sub>4</sub> and YbTaO <sub>4</sub> ceramics. Journal of Luminescence, 2016, 179, 146-153.	1.5	25
39	Synthesis, characterization and catalytic potential of MgNiO <sub>2</sub> nanoparticles obtained from a novel [MgNi(opba)]·9nH <sub>2</sub> O chain. Ceramics International, 2016, 42, 13635-13641.	2.3	9
40	Structural and vibrational properties of phase-pure monoclinic NdLuO <sub>3</sub> interlanthanides synthesized from nanostructured precursors. Journal of Alloys and Compounds, 2016, 678, 57-64.	2.8	4
41	Optical phonon modes and infrared dielectric properties of monoclinic CoWO <sub>4</sub> microcrystals. Journal Physics D: Applied Physics, 2016, 49, 045305.	1.3	10
42	Optical phonon features of triclinic montebrasite: Dispersion analysis and non-polar Raman modes. Vibrational Spectroscopy, 2015, 77, 25-34.	1.2	4
43	Influence of the Matrix on the Red Emission in Europium Self-Activated Orthoceramics. Journal of Physical Chemistry C, 2015, 119, 17825-17835.	1.5	35
44	Effect of the processing parameters on the crystalline structure of lanthanide orthotantalates. Materials Research, 2014, 17, 167-173.	0.6	26
45	Optical phonon characteristics of an orthorhombic-transformed polymorph of CaTa <sub>2</sub> O <sub>6</sub> single crystal fibre. Materials Research Express, 2014, 1, 016304.	0.8	3
46	Synchrotron X-ray diffraction and Raman spectroscopy of Ln <sub>3</sub> NbO <sub>7</sub> (Ln=La, Pr, Nd, Sm-Lu) ceramics obtained by molten-salt synthesis. Journal of Solid State Chemistry, 2014, 209, 63-68.	1.4	34
47	Ce <sup>1-x</sup> Sm <sup>x</sup> O <sub>1.9</sub> nanoparticles obtained by microwave-assisted hydrothermal processing: an efficient application for catalytic oxidation of 1-bisabolol. Catalysis Science and Technology, 2014, 4, 814.	2.1	31
48	Structure and Microwave Dielectric Properties of Low Firing Bi <sub>2</sub> Te <sub>2</sub> W <sub>3</sub> Ceramics. Journal of the American Ceramic Society, 2014, 97, 1096-1102.	1.7	17
49	Lanthanide Orthoantimonate Light Emitters: Structural, Vibrational, and Optical Properties. Chemistry of Materials, 2014, 26, 6351-6360.	3.2	23
50	Use of calcined layered double hydroxides for the removal of color and organic matter from textile effluents: kinetic, equilibrium and recycling studies. Brazilian Journal of Chemical Engineering, 2014, 31, 19-26.	0.7	39
51	Gold, palladium and gold-palladium supported on silica catalysts prepared by sol-gel method: synthesis, characterization and catalytic behavior in the ethanol steam reforming. Journal of Sol-Gel Science and Technology, 2013, 67, 273-281.	1.1	16
52	Crystal structure of fluorite-related Ln <sub>3</sub> SbO <sub>7</sub> (Ln=La-Dy) ceramics studied by synchrotron X-ray diffraction and Raman scattering. Journal of Solid State Chemistry, 2013, 203, 326-332.	1.4	20
53	Catalytic carbon deposition-oxidation over Ni, Fe and Co catalysts: A new indirect route to store and transport gas hydrocarbon fuels. Catalysis Communications, 2013, 32, 58-61.	1.6	7
54	Structural and thermal evolution studies of LaSbO <sub>4</sub> ceramics prepared by solid-state reaction method. Materials Chemistry and Physics, 2013, 140, 255-259.	2.0	9

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55	Influence of crystalline structure on the luminescence properties of terbium orthotantalates. <i>Journal of Luminescence</i> , 2013, 138, 133-137.	1.5	16
56	Polymorphic-Induced Transformations in $\text{CaTa}_2\text{O}_6$ Single-Crystal Fibers Obtained by Laser-Heated Pedestal Growth. <i>Crystal Growth and Design</i> , 2013, 13, 5289-5294.	1.4	4
57	Magnetic composites based on metallic nickel and molybdenum carbide: A potential material for pollutants removal. <i>Journal of Hazardous Materials</i> , 2012, 241-242, 73-81.	6.5	21
58	Calcined Layered Double Hydroxides for Decolorization of Azo Dye Solutions: Equilibrium, Kinetics, and Recycling Studies. <i>Environmental Engineering Science</i> , 2012, 29, 685-692.	0.8	24
59	Influence of the processing conditions and chemical environment on the crystal structures and phonon modes of lanthanide orthotantalates. <i>Dalton Transactions</i> , 2011, 40, 9454.	1.6	46
60	Vibrational Spectroscopy of $\text{Ca}_2\text{LnTaO}_6$ (Ln = lanthanides, Y, and In) and $\text{Ca}_2\text{InNbO}_6$ Double Perovskites. <i>Chemistry of Materials</i> , 2011, 23, 14-20.	3.2	42
61	Micro Far-Infrared Reflectivity of $\text{CaNb}_2\text{O}_6$ Single Crystal Fibers Grown by the Laser-Heated Pedestal Growth Technique. <i>Crystal Growth and Design</i> , 2011, 11, 3472-3478.	1.4	16
62	Carbon nanostructures-modified expanded vermiculites produced by chemical vapor deposition from ethanol. <i>Applied Clay Science</i> , 2011, 54, 15-19.	2.6	23
63	Raman and Infrared Phonon Features in a Designed Cubic Polymorph of $\text{CaTa}_2\text{O}_6$ . <i>Crystal Growth and Design</i> , 2011, 11, 5567-5573.	1.4	14
64	Facile preparation of carbon coated magnetic $\text{Fe}_3\text{O}_4$ particles by a combined reduction/CVD process. <i>Materials Research Bulletin</i> , 2011, 46, 748-754.	2.7	28
65	Synthesis and properties of $\text{A}_6\text{B}_2(\text{OH})_{16}\text{Cl}_2 \cdot 4\text{H}_2\text{O}$ (A = Mg, Ni, Zn, Co, Mn and B = Al, Fe) materials for environmental applications. <i>Materials Research Bulletin</i> , 2011, 46, 1346-1351.	2.7	21
66	Effect of Sn on methane decomposition over Fe supported catalysts to produce carbon. <i>Hyperfine Interactions</i> , 2011, 203, 67-74.	0.2	1
67	Theoretical Calculations and Hydrothermal Processing of $\text{BaWO}_4$ Materials Under Environmentally Friendly Conditions. <i>Journal of Solution Chemistry</i> , 2011, 40, 1126-1139.	0.6	6
68	Incipient crystallization of transition-metal tungstates under microwaves probed by Raman scattering and transmission electron microscopy. <i>Journal of Nanoparticle Research</i> , 2011, 13, 5927-5933.	0.8	19
69	Production of nanostructured magnetic composites based on $\text{FeO}$ nuclei coated with carbon nanofibers and nanotubes from red mud waste and ethanol. <i>Applied Catalysis B: Environmental</i> , 2011, 105, 163-170.	10.8	37
70	Effect of Sn on methane decomposition over Fe supported catalysts to produce carbon. , 2011, , 225-232.		0
71	Microwave-hydrothermal preparation of alkaline-earth-metal tungstates. <i>Journal of Materials Science</i> , 2010, 45, 6083-6093.	1.7	27
72	Crystal structures and phonon modes of $\text{Ba}(\text{Ca}_{1/2}\text{W}_{1/2})\text{O}_3$ , $\text{Ba}(\text{Ca}_{1/2}\text{Mo}_{1/2})\text{O}_3$ and $\text{Ba}(\text{Sr}_{1/2}\text{W}_{1/2})\text{O}_3$ complex perovskites investigated by Raman scattering. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 93-97.	1.2	9

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73	Vibrational spectroscopic study of $\text{Sr}_{2}\text{ZnTeO}_{6}$ double perovskites. Journal of Raman Spectroscopy, 2010, 41, 702-706.	1.2	35
74	Crystal structure and phonon modes of ilmenite-type $\text{NaBiO}_{3}$ investigated by Raman and infrared spectroscopies. Journal of Raman Spectroscopy, 2010, 41, 698-701.	1.2	21
75	Polarized Raman scattering and infrared spectroscopy of a natural manganocolumbite single crystal. Journal of Raman Spectroscopy, 2010, 41, 1044-1049.	1.2	8
76	Magnetic amphiphilic composites based on carbon nanotubes and nanofibers grown on an inorganic matrix: effect on water-oil interfaces. Journal of the Brazilian Chemical Society, 2010, 21, 2184-2188.	0.6	29
77	Polarized Micro-Raman Scattering of $\text{CaNb}_{2}\text{O}_{6}$ Single Crystal Fibers Obtained by Laser Heated Pedestal Growth. Crystal Growth and Design, 2010, 10, 1569-1573.	1.4	25
78	Synthesis and Crystal Structure of Lanthanide Orthoniobates Studied by Vibrational Spectroscopy. Chemistry of Materials, 2010, 22, 2668-2674.	3.2	95
79	Microwave and infrared dielectric properties of $\text{Sr}_{1-x}\text{Ce}_x\text{TiO}_3$ ( $x = 0.154$ – $0.400$ ) incipient ferroelectrics at cryogenic temperatures. Journal Physics D: Applied Physics, 2009, 42, 075411.	1.3	19
80	Thermodynamic Studies as Predictive Tools of the Behavior of Electroceramics Under Different Hydrothermal Environments. Journal of Solution Chemistry, 2009, 38, 843-856.	0.6	11
81	Vibrational Spectroscopy and Electron-Phonon Interactions in Microwave-Hydrothermal Synthesized $\text{Ba}(\text{Mn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ Complex Perovskites. Journal of Physical Chemistry B, 2009, 113, 9749-9755.	1.2	14
82	Raman Scattering and Fourier Transform Infrared Spectroscopy of $\text{Me}_6\text{Al}_2(\text{OH})_{16}\text{Cl}_2 \cdot 4\text{H}_2\text{O}$ (Me = Mg, Ni, Zn). <i>Tj</i> $\text{ETQ}000\text{rgBT/Over}$ Physical Chemistry C, 2009, 113, 13358-13368.	1.5	59
83	Disorder-induced symmetry lowering in $\text{Ba}(\text{Y}_{1/2}\text{Nb}_{1/2})\text{O}_3$ ceramics probed by Raman spectroscopy. Journal of Raman Spectroscopy, 2008, 39, 1805-1810.	1.2	20
84	Microwave-hydrothermal synthesis of nanostructured Na-birnessites and phase transformation by arsenic(III) oxidation. Materials Research Bulletin, 2008, 43, 1528-1538.	2.7	33
85	Vibrational Studies and Microwave Dielectric Properties of A-Site-Substituted Tellurium-Based Double Perovskites. Chemistry of Materials, 2008, 20, 4347-4355.	3.2	73
86	Raman Scattering and Infrared Spectroscopy of Chemically Substituted $\text{Sr}_2\text{LnTaO}_6$ (Ln = Lanthanides, Y, and In) Double Perovskites. Chemistry of Materials, 2008, 20, 5253-5259.	3.2	49
87	Optical phonon characteristics of incommensurate and commensurate modulated phases of $\text{Bi}_3\text{NbO}_7$ ceramics. Journal of Applied Physics, 2008, 103, 094108.	1.1	6
88	Structure and Microwave Dielectric Properties of $\text{Sr}_{2+n}\text{Ce}_2\text{Ti}_5+n\text{O}_{15+3n}$ ( $n \approx 10$ ) Homologous Series. Chemistry of Materials, 2007, 19, 4077-4082.	3.2	71
89	Raman Spectroscopy of $(\text{Ba}_{1-x}\text{Sr}_x)(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ Solid Solutions from Microwave-Hydrothermal Powders. Chemistry of Materials, 2007, 19, 2335-2341.	3.2	50
90	Optical Phonon Modes and Dielectric Behavior of $\text{Sr}_{1-x}\text{Ce}_x\text{TiO}_3$ Microwave Ceramics. Chemistry of Materials, 2007, 19, 6548-6554.	3.2	55

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91	Raman-spectroscopic investigation of and perovskites. Journal of Solid State Chemistry, 2007, 180, 2143-2148.	1.4	36
92	Comment on "Prediction of lattice constant in cubic perovskites". Journal of Physics and Chemistry of Solids, 2007, 68, 1617-1622.	1.9	213
93	Raman-spectroscopic investigations on the crystal structure and phonon modes of Ba(RE <sub>1/2</sub> Ta <sub>1/2</sub> )O <sub>3</sub> microwave ceramics. Journal of the European Ceramic Society, 2007, 27, 2803-2809.	2.8	33
94	Raman scattering study of the high temperature phase transitions of NaTaO <sub>3</sub> . Journal of the European Ceramic Society, 2007, 27, 3683-3686.	2.8	22
95	Production of Sr-deficient bismuth tantalates from microwave "hydrothermal derived precursors: Structural and dielectric properties. Journal of Physics and Chemistry of Solids, 2007, 68, 645-649.	1.9	11
96	Chemical Substitution in Ba(RE <sub>1/2</sub> Nb <sub>1/2</sub> )O <sub>3</sub> (RE = La, Nd, Sm, Gd, Tb, and Y) Microwave Ceramics and Its Influence on the Crystal Structure and Phonon Modes. Chemistry of Materials, 2006, 18, 214-220.	3.2	88
97	Simultaneous production of impurity-free water and magnetite from steel pickling liquors by microwave-hydrothermal processing. Hydrometallurgy, 2006, 84, 37-42.	1.8	21
98	Synthesis and characterisation of La <sub>0.4</sub> Ba <sub>0.6</sub> Ti <sub>0.6</sub> RE <sub>0.4</sub> O <sub>3</sub> (where RE=Y, Yb) ceramics. Journal of the European Ceramic Society, 2006, 26, 1947-1951.	2.8	14
99	Polarized micro-Raman spectroscopy of oriented A(B <sub>1/3</sub> B <sub>2/3</sub> )O <sub>3</sub> powders and microwave ceramics. Journal of the European Ceramic Society, 2005, 25, 2843-2847.	2.8	11
100	Raman and infrared spectroscopic investigations on the crystal structure and phonon modes of LaYbO <sub>3</sub> ceramics. Journal of Physics Condensed Matter, 2005, 17, 2775-2781.	0.7	20
101	Vibrational spectroscopy and microwave dielectric properties of Ca <sub>5-x</sub> BaxNb <sub>2</sub> TiO <sub>12</sub> and Ca <sub>5-x</sub> BaxTa <sub>2</sub> TiO <sub>12</sub> ceramics. Journal of Applied Physics, 2005, 98, 084105.	1.1	7
102	Low-loss Ca <sub>5-x</sub> SrxA <sub>2</sub> TiO <sub>12</sub> [A=Nb,Ta] ceramics: Microwave dielectric properties and vibrational spectroscopic analysis. Journal of Applied Physics, 2005, 97, 104108.	1.1	31
103	Effect of Nonstoichiometry on the Structure and Microwave Dielectric Properties of Ba(Mg <sub>0.33</sub> Ta <sub>0.67</sub> )O <sub>3</sub> . Chemistry of Materials, 2005, 17, 142-151.	3.2	113
104	Polarized Micro-Raman Spectroscopy of Ba(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> Single Crystal Fibers. Crystal Growth and Design, 2005, 5, 1457-1462.	1.4	24
105	In situ thermal and structural characterization of bioactive calcium phosphate glass ceramics containing TiO <sub>2</sub> and MgO oxides: High temperature " XRD studies. Journal of Non-Crystalline Solids, 2005, 351, 810-817.	1.5	50
106	Electroceramic Materials of Tailored Phase and Morphology by Hydrothermal Technology.. ChemInform, 2003, 34, no.	0.1	0
107	Pyrite oxidation in alkaline solutions: nature of the product layer. International Journal of Mineral Processing, 2003, 72, 373-386.	2.6	90
108	Infrared Spectroscopic Investigations in Ordered Barium Magnesium Niobate Ceramics. Journal of the American Ceramic Society, 2003, 86, 1985-1987.	1.9	19

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109	Far-infrared spectroscopy in ordered and disordered BaMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> microwave ceramics. Journal of Applied Physics, 2003, 94, 3414-3421.	1.1	48
110	Electroceramic Materials of Tailored Phase and Morphology by Hydrothermal Technology. Chemistry of Materials, 2003, 15, 1344-1352.	3.2	72
111	Processing of Antiferroelectric Lead Zirconates under Hydrothermal Conditions. Key Engineering Materials, 2002, 206-213, 107-110.	0.4	0
112	Magnetic Patterns in Hydrothermal Ferrites by Magnetic Force Microscopy. Journal of Materials Research, 2002, 17, 1251-1253.	1.2	1
113	Raman-spectroscopic evaluation of the long-range order in Ba(B <sub>1/3</sub> A <sub>2/3</sub> )O <sub>3</sub> ceramics. Applied Physics Letters, 2001, 78, 428-430.	1.5	79
114	Thermodynamic calculations and modeling of the hydrothermal synthesis of nickel tungstates. Journal of the European Ceramic Society, 2001, 21, 2061-2065.	2.8	24
115	Raman scattering and X-ray diffraction investigations on hydrothermal barium magnesium niobate ceramics. Journal of the European Ceramic Society, 2001, 21, 2739-2744.	2.8	61
116	Atomic force and magnetic force microscopies applied to duplex stainless steels. Applied Surface Science, 2000, 161, 109-114.	3.1	38
117	Microstructural evolution of fast-fired nickel-zinc ferrites from hydrothermal nanopowders. Materials Research Bulletin, 2000, 35, 1439-1446.	2.7	19
118	Analysis of nitrogen adsorption-desorption isotherms for the estimation of pore-network dimensions and structure of ferroelectric powders. Ferroelectrics, 2000, 241, 9-16.	0.3	17
119	Theoretical predictions and experimental results of the hydrothermal processing of strontium tungstates. Ferroelectrics, 2000, 241, 271-278.	0.3	8
120	Hydrothermal synthesis and sintering of electroceramics. Journal of the European Ceramic Society, 1999, 19, 1027-1031.	2.8	11
121	Chemical, mechanical and dielectric properties after sintering of hydrothermal nickel-zinc ferrites. Materials Letters, 1999, 39, 69-76.	1.3	53
122	Solid-State Sintering of Hydrothermal Powders: Densification and Grain Growth Kinetics of Nickel-Zinc Ferrites. Materials Research Bulletin, 1998, 33, 475-486.	2.7	29
123	Scale morphologies and compositions of an iron-manganese-aluminum-silicon alloy oxidated at high temperatures. Corrosion Science, 1998, 40, 271-280.	3.0	16
124	Conductivity behavior of <i>n</i> -type semiconducting ferrites from hydrothermal powders. Journal of Materials Research, 1998, 13, 2190-2194.	1.2	29
125	Nanometric powders and sintered ceramics studied by atomic force microscopy. Journal of Materials Research, 1998, 13, 223-227.	1.2	10
126	Hydrothermal synthesis and sintering of nickel and manganese-zinc ferrites. Journal of Materials Research, 1997, 12, 3278-3285.	1.2	32



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127	Influence of hydrothermal powder morphology on the sintered microstructure of MnZn ferrites. Journal of Materials Chemistry, 1997, 7, 2441-2446.	6.7	6
128	Microstructural dependence of the magnetic properties of sintered NiZn ferrites from hydrothermal powders. Journal of Magnetism and Magnetic Materials, 1997, 172, L9-L14.	1.0	51
129	Title is missing!. Journal of Materials Science, 1997, 32, 4715-4718.	1.7	16
130	Sintering studies of hydrothermal NiZn ferrites. Journal of Physics and Chemistry of Solids, 1997, 58, 543-549.	1.9	26
131	Dielectric Properties of Hydrothermal Nickel-Zinc Ferrites. Journal De Physique III, 1996, 6, 843-852.	0.3	6
132	Microwave-Hydrothermal Synthesis of Transition Metal Tungstates with Nanosized Particles. Solid State Phenomena, 0, 194, 209-212.	0.3	2