Carlos E M Campos

List of Publications by Year
in descending order

147 papers	2,518 citations	172443 29 h-index	302107 39 g-index
150 all docs	150 docs citations	150 times ranked	3125 citing authors

#	Article	IF	Citations
1	The role of sodium and sulfate sources on the rheology and hydration of C3A polymorphs. Cement and Concrete Research, 2022, 151, 106639.	11.0	24
2	Single-burn clinkering of endodontic calcium silicate-based cements: Effects of ZnO in the C3S phase formation and hydration rate. Materials Letters, 2022, 311, 131556.	2.6	1
3	Development of a multianalyte electrochemical sensor for depression biomarkers based on a waste of the steel industry for a sustainable and one-step electrode modification. Microchemical Journal, 2022, 175, 107141.	4.5	21
4	A New Saquinavir Mesylate-Sodium Decyl Sulfate Salt Discovered by Serendipity during an Anomalous Dissolution Test. Pharmaceutical Research, 2022, 39, 189-200.	3.5	0
5	Electrochemical, theoretical, and analytical investigation of the phenylurea herbicide fluometuron at a glassy carbon electrode. Electrochimica Acta, 2022, 408, 139945.	5.2	6
6	Effect of the nanosilica source on the rheology and early-age hydration of calcium sulfoaluminate cement pastes. Construction and Building Materials, 2022, 327, 126942.	7.2	10
7	Mechanochemical synthesis of Î³-CoTe2 nanocrystals and their application for determination of ferulic acid. Materials Today Communications, 2022, 31, 103481.	1.9	8
8	Hydration and interactions between pure and doped C3S and C3A in the presence of different calcium sulfates. Cement and Concrete Research, 2022, 159, 106893.	11.0	19
9	Perovskite-based Ca-Ni-Fe oxides for azo pollutants fast abatement through dark catalysis. Applied Catalysis B: Environmental, 2021, 284, 119747.	20.2	13
10	Structural, microstructural and magnetic characterization of the Î²-CoTe nanophase synthesized by a novel mechanochemical method. RSC Advances, 2021, 11, 5027-5034.	3.6	6
11	Synthesis of n-hydrated nickel sulfates from mechanically alloyed nanocrystalline nickel sulfides. Green Chemistry, 2021, 23, 4580-4593.	9.0	2
12	Utilization of ceramic tile demolition waste as supplementary cementitious material: An early-age investigation. Journal of Building Engineering, 2021, 38, 102187.	3.4	33
13	Is the R index accurate to assess the preferred orientation of portlandite in cement pastes?. Construction and Building Materials, 2021, 292, 123471.	7.2	16
14	Au-on-Pd bimetallic nanoparticles applied to the voltammetric determination and monitoring of 4-nitroaniline in environmental samples. Journal of Environmental Chemical Engineering, 2021, 9, 105821.	6.7	18
15	Current knowledge about physical properties of innovative probiotic spray-dried powders produced with lactose-free milk and prebiotics. LWT - Food Science and Technology, 2021, 151, 112175.	5.2	5
16	Obtaining of hematite from industrial steel waste using dry-milling and high temperature. Cleaner Engineering and Technology, 2021, 5, 100327.	4.0	1
17	On the potential as nonlinear optical material of a new chalcone derivative and its crystal and topological analysis. Journal of Molecular Structure, 2020, 1201, 127131.	3.6	5
18	Nanocrystalline Ni3S2 prepared by mechanochemistry and its behavior at high temperatures and high pressure. Journal of Magnetism and Magnetic Materials, 2020, 493, 165706.	2.3	5

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19	Hydroxypropyl methylcellulose-TiO2 and gelatin-TiO2 nanocomposite films: Physicochemical and structural properties. International Journal of Biological Macromolecules, 2020, 151, 944-956.	7.5	36
20	Mechanochemical synthesis of a Ni3-xTe2 nanocrystalline composite and its application for simultaneous electrochemical detection of dopamine and adrenaline. Composites Part B: Engineering, 2020, 183, 107649.	12.0	41
21	Sensitive simultaneous voltammetric determination of the herbicides diuron and isoproturon at a platinum/chitosan bio-based sensing platform. Ecotoxicology and Environmental Safety, 2020, 206, 111181.	6.0	31
22	Structure, microstructure and magnetic investigation of the hexagonal Î´-FeSe nanophase produced by mechanochemical synthesis. RSC Advances, 2020, 10, 39406-39412.	3.6	2
23	Simple and highly active strontium-based catalyst for detoxification of an organophosphorus chemical warfare agent simulant. Brazilian Journal of Chemical Engineering, 2020, 37, 533-541.	1.3	4
24	NiS2-NiS nanocrystalline composite synthesized by mechanochemistry and its performance for methylene blue dye adsorption. Materials Chemistry and Physics, 2020, 252, 123226.	4.0	10
25	Green and facile solvent-free synthesis of NiTe2 nanocrystalline material applied to voltammetric determination of antioxidant morin. Materials Today Communications, 2020, 25, 101251.	1.9	14
26	Irbesartan desmotropes: Solid-state characterization, thermodynamic study and dissolution properties. Journal of Pharmaceutical Analysis, 2019, 9, 339-346.	5.3	12
27	Physical and morphological properties of hydroxypropyl methylcellulose films with curcumin polymorphs. Food Hydrocolloids, 2019, 97, 105217.	10.7	44
28	Report on the To.Sca.Lat.-1.0 Summer School, total scattering analysis for nanoscience in Latin America. Powder Diffraction, 2019, 34, 203-207.	0.2	1
29	From the Shelf to the Particle: Preparation of Highly Organic-Functionalized Magnetic Composites via 4-Nitrophenyl Reactive Ester. Journal of Organic Chemistry, 2019, 84, 9975-9983.	3.2	6
30	Adsorption and desorption of eggplant peel anthocyanins on a synthetic layered silicate. Journal of Food Engineering, 2019, 262, 162-169.	5.2	37
31	Vacuum curcumin infusion in cooked oysters (Crassostrea gigas) to increase their shelf life. Journal of Food Process Engineering, 2019, 42, e13234.	2.9	1
32	Stability of iron selenide nanophases prepared by mechanosynthesis. AIP Advances, 2019, 9, 045311.	1.3	6
33	Synthesis, conformational analysis and molecular docking studies on three novel dihydropyrimidine derivatives. Journal of Molecular Structure, 2019, 1192, 274-287.	3.6	9
34	Simultaneous encapsulation of zinc oxide and octocrylene in poly (methyl methacrylate-co-styrene) nanoparticles obtained by miniemulsion polymerization for use in sunscreen formulations. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 561, 39-46.	4.7	28
35	Industrial steel waste as an iron source to promote heterogeneous and homogeneous oxidation/reduction reactions. Journal of Cleaner Production, 2019, 211, 804-817.	9.3	24
36	Nanosized tetragonal Î²-FeSe phase obtained by mechanical alloying: structural, microstructural, magnetic and electrical characterization. RSC Advances, 2018, 8, 8190-8198.	3.6	10

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37	A comprehensive structural and microstructural investigation of a new ironâ€“telluride nano phase. Journal of Materials Chemistry C, 2018, 6, 3047-3057.	5.5	13
38	Molecular structure of hybrid imino-chalcone in the solid state: X-ray diffraction, spectroscopy study and third-order nonlinear optical properties. Journal of Molecular Structure, 2018, 1157, 210-221.	3.6	19
39	Mechanochemical synthesis and characterization of Ni25Te75 nanocrystalline alloy. Journal of Materials Science, 2018, 53, 13442-13450.	3.7	5
40	Formation of ZnO Nanocrystals and Their In Situ Generation on Textile Material via Solochemical Method. Journal of Nanoscience and Nanotechnology, 2017, 17, 3533-3542.	0.9	5
41	Hydrazine Electrooxidation with PdNPs and Its Application for a Hybrid Self-Powered Sensor and N₂H₄Decontamination. Journal of the Electrochemical Society, 2017, 164, H3052-H3057.	2.9	9
42	Tris(N-phenyltriazole) derivative â€“ New compound with star shaped anisometry and discotic liquid crystals behavior. Molecular Crystals and Liquid Crystals, 2017, 657, 147-155.	0.9	2
43	Irbesartan crystal forms: thermodynamic and dissolution properties study. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C778-C778.	0.1	0
44	Cubic PdNP-based air-breathing cathodes integrated in glucose hybrid biofuel cells. Nanoscale, 2016, 8, 10433-10440.	5.6	11
45	Crystal growth of progesterone metastable and stable polymorphs by polymer induced herteronucleation (PIHn) method. Crystal Research and Technology, 2016, 51, 49-57.	1.3	10
46	Synthesis, characterization, and third-order nonlinear optical properties of a new neolignane analogue. RSC Advances, 2016, 6, 79215-79227.	3.6	31
47	Sodium alginate as a potential carrier in solid dispersion formulations to enhance dissolution rate and apparent water solubility of BCS II drugs. Carbohydrate Polymers, 2016, 137, 350-359.	10.2	61
48	Pheomelanin-coated iron oxide magnetic nanoparticles: a promising candidate for negative T2 contrast enhancement in magnetic resonance imaging. Chemical Communications, 2015, 51, 11194-11197.	4.1	6
49	The catalytic evaluation of in situ grown Pd nanoparticles on the surface of Fe3O4@dextran particles in the p-nitrophenol reduction reaction. RSC Advances, 2015, 5, 8289-8296.	3.6	37
50	The effect of mechanical grinding on the formation, crystalline changes and dissolution behaviour of the inclusion complex of telmisartan and Î²-cyclodextrins. Carbohydrate Polymers, 2015, 133, 373-383.	10.2	39
51	Ball-milled solid dispersions of BCS Class IV drugs: Impact on the dissolution rate and intestinal permeability of acyclovir. Materials Science and Engineering C, 2015, 53, 229-238.	7.3	21
52	Enhanced hypotensive effect of nimodipine solid dispersions produced by supercritical CO2 drying. Powder Technology, 2015, 278, 204-210.	4.2	20
53	Novel perspectives in the tuberculosis treatment: Administration of isoniazid through the skin. International Journal of Pharmaceutics, 2015, 494, 463-470.	5.2	30
54	Nanosizing of sodium ibuprofen by SAS method. Powder Technology, 2015, 270, 378-386.	4.2	12

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55	Grinding effect on levofloxacin hemihydrate. Journal of Thermal Analysis and Calorimetry, 2015, 119, 989-994.	3.6	5
56	Crystallization of progesterone polymorphs using polymer-induced heteronucleation (PIHn) method. Drug Development and Industrial Pharmacy, 2015, 41, 851-858.	2.0	3
57	Delapril and manidipine characterization and purity evaluation in raw materials. Journal of Thermal Analysis and Calorimetry, 2014, 115, 2295-2301.	3.6	5
58	HPMC as a potential enhancer of nimodipine biopharmaceutical properties via ball-milled solid dispersions. Carbohydrate Polymers, 2014, 99, 474-482.	10.2	36
59	Pharmaceutical approaches involving carvedilol characterization, compatibility with different excipients and kinetic studies. Journal of Thermal Analysis and Calorimetry, 2014, 115, 2507-2515.	3.6	10
60	Polymorphism of Anti-HIV Drug Efavirenz: Investigations on Thermodynamic and Dissolution Properties. Crystal Growth and Design, 2014, 14, 4968-4975.	3.0	36
61	Dissolution properties, solid-state transformation and polymorphic crystallization: progesterone case study. Pharmaceutical Development and Technology, 2014, 19, 779-788.	2.4	13
62	Hollow crystal anti-solvent preparation process as a promising technique to improve dissolution of poorly soluble drugs. Journal of Crystal Growth, 2013, 366, 76-81.	1.5	11
63	Morphology study of progesterone polymorphs prepared by polymerâ€induced heteronucleation (PIHn). Scanning, 2013, 35, 213-221.	1.5	8
64	Development and physicochemical characterization of saquinavir mesylate solid dispersions using Gelucire 44/14 or PEG 4000 as carrier. Archives of Pharmacal Research, 2013, 36, 1113-1125.	6.3	8
65	Dissolution enhancement of Deflazacort using hollow crystals prepared by antisolvent crystallization process. European Journal of Pharmaceutical Sciences, 2013, 49, 294-301.	4.0	19
66	Solid-state evaluation and polymorphic quantification of venlafaxine hydrochloride raw materials using the Rietveld method. Talanta, 2013, 117, 189-195.	5.5	14
67	Single crystal structure, solid state characterization and dissolution rate of terbinafine hydrochloride. Journal of Pharmaceutical and Biomedical Analysis, 2013, 78-79, 105-111.	2.8	23
68	Solid-state characterization and dissolution properties of Fluvastatin sodium salt hydrates. Pharmaceutical Development and Technology, 2013, 18, 525-534.	2.4	4
69	Preparation and characterization of quercetin-loaded solid lipid microparticles for pulmonary delivery. Powder Technology, 2013, 239, 183-192.	4.2	30
70	Effect of Reaction Parameters on the Formation and Properties of ZnO Nanocrystals Synthesized via a Rapid Solochemical Processing. Journal of Nanoscience and Nanotechnology, 2013, 13, 8307-8314.	0.9	9
71	Performance of Ni/MgAl2O4 Catalyst Obtained by a Metal-Chitosan Complex Method in Methane Decomposition Reaction with Production of Carbon Nanotubes. Carbon Nanostructures, 2013, , 49-63.	0.1	0
72	Effects of Reaction Temperature on Structural Properties of ZnO Nanocrystals Prepared via Solochemical Technique. Journal of Nanoscience and Nanotechnology, 2012, 12, 7986-7992.	0.9	2

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73	Polymorphism in nimodipine raw materials: Development and validation of a quantitative method through differential scanning calorimetry. Journal of Pharmaceutical and Biomedical Analysis, 2012, 70, 188-193.	2.8	30
74	A novel synthetic route for magnesium aluminate (MgAl2O4) particles using metalâ€“chitosan complexation method. Chemical Engineering Journal, 2012, 193-194, 211-214.	12.7	25
75	Direct decomposition of methane over Ni catalyst supported in magnesium aluminate. Journal of Power Sources, 2012, 208, 409-414.	7.8	50
76	Effect of different precursors in the chemical synthesis of ZnO nanocrystals. Materials Research, 2011, 14, 264-267.	1.3	21
77	The Rapid Preparation of ZnO Nanorods via Low-Temperatures Solochemical Method. Journal of Nanoscience and Nanotechnology, 2011, 11, 5187-5192.	0.9	13
78	Magnesium oxide prepared via metalâ€“chitosan complexation method: Application as catalyst for transesterification of soybean oil and catalyst deactivation studies. Journal of Power Sources, 2011, 196, 8057-8063.	7.8	45
79	Structural, thermal and vibrational characterization of mechanical alloyed In50Te50. Materials Chemistry and Physics, 2011, 125, 257-262.	4.0	13
80	Structure and microstructure of In4Te3 nanopowders prepared by solid state reaction. Materials Chemistry and Physics, 2011, 130, 1361-1365.	4.0	8
81	Production and Characterization of ZnO Nanocrystals Obtained by Solochemical Processing at Different Temperatures. Journal of Nanoscience and Nanotechnology, 2010, 10, 4348-4351.	0.9	18
82	X-ray diffraction, Raman and photoacoustic studies of InSb nanocrystals. Materials Chemistry and Physics, 2010, 122, 528-532.	4.0	9
83	Structural stability of mechanically alloyed TM25Se75 (TM=Fe, Co and Ni). Journal of Non-Crystalline Solids, 2010, 356, 1145-1148.	3.1	2
84	Ageing effect on mechanically alloyed ZnTe nanocrystals. Journal of Alloys and Compounds, 2010, 493, 294-298.	5.5	7
85	Temperature effects on mechanically alloyed nanometric ZnSe powder. Powder Technology, 2009, 189, 70-73.	4.2	13
86	X-ray diffraction, Raman, and photoacoustic studies of ZnTe nanocrystals. Journal of Applied Physics, 2009, 105, .	2.5	33
87	High-pressure phase transformation of nanometric ZnSb prepared by mechanical alloying. Journal of Applied Physics, 2009, 106, 013509.	2.5	15
88	Structural and photoacoustic studies of Zn4Sb3 and ZnSb phases prepared by mechanical alloying. Journal of Applied Physics, 2009, 105, 063518.	2.5	12
89	Structural and thermal studies of mechanical alloyed InSb nanocrystals. Materials Chemistry and Physics, 2008, 112, 745-748.	4.0	13
90	Synthesis of nanocrystalline zinc blende ZnTe by mechanical alloying. Journal of Non-Crystalline Solids, 2008, 354, 3503-3506.	3.1	13

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91	Structural investigation of an amorphous Si24Nb76 alloy produced by mechanical alloying using reverse Monte Carlo simulations. Journal of Non-Crystalline Solids, 2008, 354, 4598-4602.	3.1	9
92	Influence of minor oxidation of the precursor powders to form nanocrystalline CdTe by mechanical alloying. Journal of Alloys and Compounds, 2008, 466, 80-86.	5.5	35
93	Tristriazolotriazines: a core for luminescent discotic liquid crystals. Chemical Communications, 2008, , 5134.	4.1	71
94	Ageing-induced structural evolution of mechanically alloyed Ga₄₀Se₆₀. Journal of Physics Condensed Matter, 2008, 20, 345226.	1.8	5
95	Effects of photoacoustic measurements on a nanostructured ZnSe mechanically alloyed. Journal of Physics Condensed Matter, 2008, 20, 465205.	1.8	14
96	The pressure-induced phase transition of mechanically alloyed nanocrystalline GaSb. Journal of Physics Condensed Matter, 2008, 20, 275212.	1.8	1
97	Structural and photoacoustic studies of mechanically alloyed Ga40Sb38Se22powder. Journal of Physics Condensed Matter, 2007, 19, 186216.	1.8	6
98	Modeling the atomic structure of an amorphous Ni71Nb29 alloy produced by mechanical alloying using reverse Monte Carlo simulations. Journal of Non-Crystalline Solids, 2007, 353, 1046-1053.	3.1	5
99	Structural and thermal study of nanostructured GaSb alloy prepared by mechanical alloying. Journal of Alloys and Compounds, 2007, 436, 13-18.	5.5	9
100	Mechanical alloying of Co and P: Structural and photoacoustic studies. Journal of Applied Physics, 2007, 102, 063523.	2.5	8
101	Age-induced phase transitions on mechanically alloyed amorphous GaSe. Solid State Communications, 2007, 142, 270-275.	1.9	8
102	Mechanical alloying: a pressure induced reaction for obtaining zinc blende GaSb and multiphase states. Journal of Physics Condensed Matter, 2006, 18, 8613-8622.	1.8	7
103	Reverse Monte Carlo simulations of an amorphous Cr25Nb75 alloy produced by mechanical alloying. Journal of Non-Crystalline Solids, 2006, 352, 109-115.	3.1	4
104	Structural, thermal and optical studies of mechanical alloyed Ga40Se60 mixture. Solid State Communications, 2006, 139, 70-75.	1.9	22
105	EXAFS and Raman studies of mechanical alloyed Ni25Se75 mixture under high-pressure conditions. Journal of Solid State Chemistry, 2005, 178, 93-99.	2.9	11
106	Reverse Monte Carlo simulations and Raman scattering of an amorphous GeSe4 alloy produced by mechanical alloying. Solid State Communications, 2005, 133, 411-416.	1.9	25
107	High-pressure studies of mechanical alloyed NiSe powder mixture. Solid State Ionics, 2005, 176, 2639-2644.	2.7	5
108	Pressure-induced phase transition of nanocrystalline ZnSe. Journal of Physics Condensed Matter, 2005, 17, 5187-5200.	1.8	16

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109	Reverse Monte Carlo simulations, Raman scattering, and thermal studies of an amorphous Ge30Se70 alloy produced by mechanical alloying. Journal of Chemical Physics, 2004, 120, 329-336.	3.0	12
110	Extended x-ray absorption fine structure, x-ray diffraction and reverse Monte Carlo studies of an amorphous Ga50Se50alloy produced by mechanical alloying. Journal of Physics Condensed Matter, 2004, 16, 581-590.	1.8	18
111	MÃ¶ssbauer and magnetization studies of Fe25Se75 iron selenides produced by mechanical alloying. Journal of Magnetism and Magnetic Materials, 2004, 269, 6-14.	2.3	18
112	Comparison among the local atomic order of amorphous TM-Ti alloys (TM = Co, Ni, Cu) produced by mechanical alloying studied by EXAFS. European Physical Journal B, 2004, 37, 421-424.	1.5	6
113	Modeling the atomic structure of an amorphous Co25Nb75 alloy produced by mechanical alloying using an additive hard sphere model and RMC simulations. Chemical Physics Letters, 2004, 384, 386-390.	2.6	7
114	Structural, thermal and optical studies of Ni3Se2 compound produced by mechanical alloying. Solid State Ionics, 2004, 168, 205-210.	2.7	20
115	Structural study of Cu2â^'x Se alloys produced by mechanical alloying. Acta Crystallographica Section B: Structural Science, 2004, 60, 282-286.	1.8	51
116	Optical phonons in mechanical alloyed Zn50Se50 mixture. Vibrational Spectroscopy, 2004, 36, 117-121.	2.2	1
117	Hexagonal CoSe formation in mechanical alloyed Co75Se25 mixture. Solid State Communications, 2004, 131, 265-270.	1.9	38
118	XRD, DSC, MS and RS studies of Fe75Se25 iron selenide prepared by mechano-synthesis. Journal of Magnetism and Magnetic Materials, 2004, 270, 89-98.	2.3	31
119	Pressure-induced effects on the structural properties of iron selenides produced by mechano-synthesis. Journal of Physics Condensed Matter, 2004, 16, 8485-8490.	1.8	10
120	Study of amorphous Co56Nb22Sn22 alloy prepared by mechanical alloying. Journal of Non-Crystalline Solids, 2004, 347, 262-267.	3.1	0
121	The origin of photoluminescence in amorphous lead titanate. Journal of Materials Science, 2003, 38, 1175-1178.	3.7	33
122	Nucleation and growth of nanocrystalline pyrite nickel diselenide by mechanical alloying. Solid State Communications, 2003, 128, 229-234.	1.9	27
123	Photoluminescence at room temperature in amorphous SrTiO3 thin films obtained by chemical solution deposition. Materials Chemistry and Physics, 2003, 77, 598-602.	4.0	91
124	GaSe formation by mechanical alloying Ga50Se50 mixture. Solid State Communications, 2003, 126, 611-615.	1.9	25
125	Aging of a nanostructured Zn50Se50 alloy produced by mechanical alloying. Solid State Communications, 2003, 127, 477-481.	1.9	24
126	EXAFS, X-ray diffraction and MÃ¶ssbauer studies of an amorphous Fe60Ti40 alloy produced by mechanical alloying. Journal of Non-Crystalline Solids, 2003, 318, 121-130.	3.1	6

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127	Structural study of an amorphousNiZr2alloy by anomalous wide-angle x-ray scattering and reverse Monte Carlo simulations. Physical Review B, 2003, 67, .	3.2	30
128	EXAFS, x-ray diffraction, and reverse Monte Carlo simulations of an amorphousNi60Ti40alloy produced by mechanical alloying. Physical Review B, 2002, 66, .	3.2	30
129	Amorphization and grain size effect on milled PbTiO 3 studied by Raman scattering and visible photoluminescence emission. Applied Physics A: Materials Science and Processing, 2002, 74, 787-789.	2.3	13
130	Room-temperature photoluminescence in amorphous SrTiO 3 - the influence of acceptor-type dopants. Applied Physics A: Materials Science and Processing, 2002, 75, 629-632.	2.3	31
131	Structural studies of cobalt selenides prepared by mechanical alloying. Physica B: Condensed Matter, 2002, 324, 409-418.	2.7	70
132	Morphological studies of annealed GaAs and GaSb surfaces by micro-Raman spectroscopy and EDX microanalysis. Applied Surface Science, 2002, 200, 111-116.	6.1	17
133	Photoluminescence in amorphous (PbLa)TiO3 thin films deposited on different substrates. Journal of Luminescence, 2002, 99, 85-90.	3.1	2
134	Structural studies of iron selenides prepared by mechanical alloying. Solid State Communications, 2002, 123, 179-184.	1.9	54
135	Topotatic-Like Phase Transformation of Amorphous Lead Titanate to Cubic Lead Titanate. Journal of the American Ceramic Society, 2002, 85, 2166-2170.	3.8	11
136	Photoluminescence in amorphous (PbLa)TiO3 thin films deposited on different substrates. Journal of Luminescence, 2002, 99, 7-12.	3.1	4
137	Photoluminescence in amorphous TiO 2 -PbO systems. Applied Physics A: Materials Science and Processing, 2001, 73, 567-569.	2.3	17
138	Strain effects on As and Sb segregates immersed in annealed GaAs and GaSb by Raman spectroscopy. Journal of Applied Physics, 2001, 89, 3631-3633.	2.5	14
139	Photoluminescence of nanostructured PbTiO3 processed by high-energy mechanical milling. Applied Physics Letters, 2001, 78, 2148-2150.	3.3	57
140	Correlation between the surface morphology and structure and the photoluminescence of amorphous PbTiO3 thin films obtained by the chemical route. Advanced Materials for Optics and Electronics, 2000, 10, 81-89.	0.4	31
141	Anharmonic frequency shift of long-wavelength phonons in As and Sb. Applied Physics Letters, 2000, 77, 2924-2925.	3.3	8
142	Raman probing of thermal damage depth profile in annealed GaAs. Journal of Applied Physics, 1998, 84, 6588-6591.	2.5	18
143	Preparation and Characterization of ZnO Nanostructures with Different Precursors via Solochemical Technique. Applied Mechanics and Materials, 0, 121-126, 1813-1817.	0.2	0
144	Effects of the Precursor Solution Addition Time in the Solochemical Synthesis of ZnO Nanocrystals. Materials Science Forum, 0, 727-728, 856-860.	0.3	1

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145	Solid State Synthesis and Characterization of NiTe Nanocrystals. Journal of Nano Research, 0, 29, 35-39.	0.8	9
146	An Imidazoleâ€Rich Pd(II)â€Polymer Preâ€catalyst for the Suzukiâ€Miyaura Coupling: Stability Influenced by Dissolved Oxygen and Reactants Concentration. ChemCatChem, 0, , .	3.7	2
147	Effect of Vehicle Composition on the Preparation of Different Types of Dapsone Crystals for Topical Drug Delivery. Molecular Pharmaceutics, 0, , .	4.6	1