Antonio S B Sombra

List of Publications by Year
in descending order

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327	6,118	76196	128067
papers	citations	40 h-index	60 g-index

332	332	332	5035
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improving the microwave dielectric properties of BiCu₃Ti₃FeO₁₂ with the addition of Bi₂O₃. Journal of Electromagnetic Waves and Applications, 2022, 36, 321-331.	1.0	0
2	Optical Coupler Network Modeling and Parameter Estimation Based on a Generalized Tucker Train Decomposition. IEEE Access, 2022, 10, 9906-9924.	2.6	0
3	Estimation and Mapping of the Received Power Level of Digital Signals TV Using Spatial Interpolation Methods. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2022, 21, 305-318.	0.4	0
4	Application of the ultrashort pulse position modulation method in the frequency domain and dual optical sideband modulation, based on the acoustic-optical filter of photonic crystal fibers to obtain optical logic gates. Optical Engineering, 2022, 61, .	0.5	0
5	Influence of the addition of CaTiO3 on the microwave dielectric properties of the BaMoO4 matrix. Materials Chemistry and Physics, 2022, 289, 126478.	2.0	4
6	High thermal stability and colossal permittivity of novel solid solution LaFeO3/CaTiO3. Materials Chemistry and Physics, 2021, 257, 123239.	2.0	10
7	Influence of pyrochlore phase on the dielectric properties of the bismuth niobate system. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 263, 114880.	1.7	4
8	Dualâ€frequency magnetoâ€dielectric resonator antenna based in a YIG matrix with control of HEM 11Î´ and TE 01Î´ modes. Microwave and Optical Technology Letters, 2021, 63, 310-321.	0.9	0
9	Impedance spectroscopy analysis of an FeNbO4 matrix with different additions of TiO2 and the effects of temperature variation. Journal of Materials Science: Materials in Electronics, 2021, 32, 5936-5944.	1.1	0
10	Evaluation of dielectric properties of the barium titanium silicate (Ba2TiSi2O8) for microwave applications. Journal of Materials Science: Materials in Electronics, 2021, 32, 7034-7048.	1.1	6
11	Impedance and MÃ¶ssbauer spectroscopy study of BiCu3Ti3FeO12 dielectric matrix. Journal of Materials Science: Materials in Electronics, 2021, 32, 11607-11615.	1.1	0
12	YIG Matrix Based Multiband Magneto-Dielectric Cylindrical Resonator Antenna. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2021, 20, 348-358.	0.4	1
13	Dielectric properties of bismuth layer structured ferroelectric Bi3R2Ti3FeO15 (Râ€‰=â€‰Bi, Gd, and Nd) at microwave and radiofrequency. Journal of Materials Science: Materials in Electronics, 2021, 32, 18628-18643.	1.1	1
14	Analogy of different optical temperature sensing techniques in LaNbO4:Er3+/Yb3+ phosphor. Journal of Luminescence, 2021, 235, 117992.	1.5	25
15	Design and characterization study of LaFeO3 and CaTiO3 composites at microwave frequencies and their applications as dielectric resonator antennas. Ceramics International, 2021, 47, 33232-33241.	2.3	6
16	High thermal stability of the YNbO4 â^' CaYTiNbO7 composites for radio frequency and microwave applications. Materials Chemistry and Physics, 2021, 271, 124956.	2.0	5
17	Investigation on luminescence based optical temperature sensing behavior of Sr3MoO6:Eu3+/Tb3+. Optik, 2021, 246, 167825.	1.4	3
18	High-bandwidth microwave dielectric resonator antennas from BiVO4/ZnO composites. Journal of the Australian Ceramic Society, 2021, 57, 369-377.	1.1	4

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19	Ni substitution effect on the structure, magnetization, resistivity and permeability of zinc ferrites. Journal of Materials Chemistry C, 2021, 9, 5425-5436.	2.7	101
20	Nonlinearity effect on dual photonic crystal fiber coupler for generating fully optical logic gates. Microwave and Optical Technology Letters, 2020, 62, 3002-3013.	0.9	3
21	Tailoring of Electromagnetic Absorption in Substituted Hexaferrites from 8.2ÂGHz to 12.4ÂGHz. Journal of Electronic Materials, 2020, 49, 1646-1653.	1.0	15
22	Effects of TiO2 Addition on the Radio-Frequency Properties of the Sr2CoNbO6 Matrix. Journal of Electronic Materials, 2020, 49, 2211-2221.	1.0	2
23	Complex permittivity and complex permeability characteristics of Coâ€“Ti doped barium strontium hexaferrite/paraffin wax composites for application in microwave devices. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	3
24	Dielectric characterisation and numerical investigation of SrBi2Nb2O9â€“Bi2O3 composites for applications in microwave range. Journal of Electromagnetic Waves and Applications, 2020, 34, 1705-1718.	1.0	6
25	Enhancing the electrical properties of Bi4Ti3O12 (BiT) matrix by special alloying and sintering. Journal of Materials Science: Materials in Electronics, 2020, 31, 22265-22273.	1.1	2
26	Effects of the Bi3+ substitution on the structural, vibrational, and magnetic properties of bismuth layer-structured ferroelectrics. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	8
27	Up-Conversion Luminescence of Er3+/Pr3+/Yb3+ Co-doped LaNbO4 Phosphors. Journal of Electronic Materials, 2020, 49, 6009-6015.	1.0	1
28	Effect of (Pr-Yb) Co-doping on the Luminescence and Dielectric Behaviour of LaNbO4 Ceramic. Journal of Electronic Materials, 2020, 49, 6016-6023.	1.0	2
29	High thermal stability of RF dielectric properties of BiVO4 matrix with added ZnO. Journal of Materials Science: Materials in Electronics, 2020, 31, 13078-13087.	1.1	2
30	All-optical logic gates based on XPM effect under the PAM-ASK modulation in a symmetric dual NLDC. Microsystem Technologies, 2019, 25, 447-459.	1.2	3
31	On the synthesis and down-conversion luminescence of the LaNbO₄:Pr³⁺ phosphor. Ferroelectrics, 2019, 545, 55-61.	0.3	3
32	Microwave filter characteristics of ferrite and polyaniline composites from 8.2 to 12.4ÂGHz. Journal of Materials Science: Materials in Electronics, 2019, 30, 14923-14927.	1.1	1
33	Warm-white light emission in Er3+/Tm3+/Yb3+ tri-doped YNbO4 phosphor under 808â€¯nm excitation: A synergistic upconversion effect. Materials Letters, 2019, 254, 65-68.	1.3	15
34	Bandstop Passive Filter Characteristics of Hexagonal Ferrite Composites at X-Band. Journal of Electronic Materials, 2019, 48, 6189-6193.	1.0	6
35	Dielectric and microwave properties of common sintering aids for the manufacture of thermally stable ceramics. Ceramics International, 2019, 45, 20446-20450.	2.3	19
36	Effects of CaTiO3 addition on the microwave dielectric properties and antenna properties of BiVO4 ceramics. Composites Part B: Engineering, 2019, 175, 107122.	5.9	25

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37	Investigation of structural, hysteresis and electromagnetic parameters for microwave absorption application in doped Baâ€“Sr hexagonal ferrites at X-band. Journal of Alloys and Compounds, 2019, 806, 1220-1229.	2.8	58
38	Effect of V2O5 addition on the structural and electrical properties of CoTio3. Composites Part B: Engineering, 2019, 176, 107286.	5.9	6
39	A study of the dielectric and electrical properties of the matrix composite [Ba2CoNbO6 (BCNO)1-X - CaTiO3(CTO)X]. Materials Research Bulletin, 2019, 113, 169-174.	2.7	8
40	Magneto-dielectric composite based on Y3Fe5O12 â€“ CaTiO3 for radio frequency and microwave applications. Journal of Alloys and Compounds, 2019, 783, 652-661.	2.8	17
41	Microwave Dielectric Properties Study of the La2O3 Additions on the SrBi2Nb2O9 Matrix. Journal of Electronic Materials, 2019, 48, 1196-1206.	1.0	4
42	Effects of MgO on dielectric relaxation and phase transition of the ceramic matrix BaBi4Ti4O15. Journal of Science: Advanced Materials and Devices, 2019, 4, 170-179.	1.5	4
43	Dielectric characterization of BiVO4 -TiO2 composites and applications in microwave range. Journal of Alloys and Compounds, 2019, 775, 889-895.	2.8	11
44	High thermal stability OF Li2TiO3-Al2O3 composite in the microwave C-Band. Journal of Physics and Chemistry of Solids, 2019, 125, 51-56.	1.9	9
45	Experimental and numerical investigation of dielectric resonator antenna based on doped Ba(Zn_{1/3}Ta_{2/3})O₃ ceramic. Journal of Electromagnetic Waves and Applications, 2019, 33, 84-95.	1.0	10
46	Magneto Tuning of a Ferrite Dielectric Resonator Antenna Based on LiFe5O8 Matrix. Journal of Electronic Materials, 2018, 47, 3829-3835.	1.0	7
47	Structural and electrical properties of the SrBi4Ti4O15: V2O5 matrix in the microwave frequency range. Journal of Electromagnetic Waves and Applications, 2018, 32, 1329-1341.	1.0	4
48	Magneto-dielectric properties studies of the matrix composite [SrFe12O19(SFO)1-X â€“ BiFeO3(BFO)X]. Journal of Alloys and Compounds, 2018, 735, 2111-2118.	2.8	7
49	Properties of the Sr3MoO6 electroceramic for RF/microwave devices. Journal of Alloys and Compounds, 2018, 748, 766-773.	2.8	22
50	Dielectric relaxation study of the ceramic matrix BaBi4Ti4O15:Bi2O3. Materials Chemistry and Physics, 2018, 205, 72-83.	2.0	12
51	Fabrication and operational characteristics of step-down piezoelectric transformer based on PMN-PT ceramics. Ferroelectrics, 2018, 535, 18-24.	0.3	2
52	The Effects of TiO2 Addition on the Dielectric and Microwave Properties in the Ceramic Matrix BiVO4. , 2018, , .		1
53	Dielectric Resonator Antennas with Frequency Stability Under Severe Temperature Variations Based on Li2MgTi3O8 Ceramic Matrix Added with Bi2O3. Journal of Electronic Materials, 2018, 47, 7272-7280.	1.0	8
54	Study of the structural and dielectric properties of ceramic obtained from residual electrocoagulation. Advances in Applied Ceramics, 2018, 117, 395-405.	0.6	0

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55	A novel white-light emitting BaBi2Nb2O9: Li+/Tm3+/Er3+/Yb3+ upconversion phosphor. Journal of Luminescence, 2018, 204, 539-547.	1.5	13
56	Elucidation of microwave absorption mechanisms in Coâ€“Ga substituted Baâ€“Sr hexaferrites in X-band. Journal of Materials Science: Materials in Electronics, 2018, 29, 14995-15005.	1.1	31
57	Dielectrical and structural studies of composite matrix BiVO4â€“CaTiO3 and temperature effects by impedance spectroscopy. Journal of Materials Science: Materials in Electronics, 2018, 29, 16248-16258.	1.1	16
58	Structural and dielectric behaviour analysis of TiO2 addition on the ceramic matrix BiVO4. Journal of Materials Science: Materials in Electronics, 2018, 29, 14557-14566.	1.1	8
59	RF and Microwave Electrical Properties Study of the Magneto-Dielectric Resonator Antenna of the Matrix Composite [SrFe12O19 (SFO)1â^'x-BiFeO3(BFO)x]. Journal of Electronic Materials, 2018, 47, 6144-6152.	1.0	1
60	White light upconversion emission and color tunability in Er3+/Tm3+/Yb3+ tri-doped YNbO4 phosphor. Journal of Luminescence, 2018, 204, 676-684.	1.5	35
61	Dielectric and magnetic properties of a yttrium ferrite/calcium copper titanate composite. Spectroscopy Letters, 2017, 50, 206-213.	0.5	4
62	A new modulation method to generate all-optical logic gates in an AOTF. Microsystem Technologies, 2017, 23, 5491-5503.	1.2	4
63	All-optical XOR and OR by Mach-Zehnder Interferometer engineered photonic crystal fibers. Optics and Laser Technology, 2017, 94, 128-137.	2.2	4
64	Dielectric Study in the Microwave Range for Ceramic Composites Based on Sr2CoNbO6 and TiO2 Mixtures. Journal of Electronic Materials, 2017, 46, 5193-5200.	1.0	10
65	Effect of V2O5 Addition on the Phase Composition of Bi5FeTi3O15 Ceramic and RF/Microwave Dielectric Properties. Journal of Electronic Materials, 2017, 46, 2467-2475.	1.0	7
66	Impedance Spectroscopy Analysis of Mg4Nb2O9 Ceramics with Different Additions of V2O5 for Microwave and Radio Frequency Applications. Journal of Electronic Materials, 2017, 46, 4344-4352.	1.0	12
67	Identification of giant dielectric permittivity in the BiVO4. Materials Letters, 2017, 205, 67-69.	1.3	7
68	Communicationâ€"Detection of Giant Dielectric Constant in Strontium Orthovanadate Sr3V2O8. ECS Journal of Solid State Science and Technology, 2017, 6, N213-N215.	0.9	5
69	Nonlinear graphene-based nanophotonic switch working in dense wavelength division multiplexing (DWDM) systems. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	0
70	Up-conversion emission of Er 3+ /Yb 3+ co-doped BaBi 2 Nb 2 O 9 (BBN) phosphors. Journal of Luminescence, 2017, 183, 102-107.	1.5	18
71	Magnetoelectric effects in the spiral magnets CuCl2and CuBr2. Journal of Physics Condensed Matter, 2017, 29, 035701.	0.7	2
72	Experimental and numerical investigation of the microwave dielectric properties of the MgTiO3 ceramic matrix added with CaCu3Ti4O12. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2017, 16, 403-418.	0.4	6

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73	Temperature-, power-, and concentration-dependent two and three photon upconversion in Er³⁺/Yb³⁺ co-doped lanthanum ortho-niobate phosphors. RSC Advances, 2016, 6, 68160-68169.	1.7	34
74	New materials for miniaturized magneto-dielectric antennas based on GdIGxYIG1-x composite. , 2016, , .		6
75	High quality of logic gates from the return arm of a Sagnac fiber interferometer. Journal of Electromagnetic Waves and Applications, 2016, 30, 2459-2483.	1.0	2
76	Dielectric investigation of the Sr₃WO₆ double perovskite at RF/microwave frequencies. RSC Advances, 2016, 6, 42502-42509.	1.7	22
77	Compact tripleâ€band PIFA with high bandwidth and gain for multiple mobile services. Microwave and Optical Technology Letters, 2016, 58, 2961-2965.	0.9	0
78	Performance of microstrip patch antenna due EBG/PBG arrangements insertion. Microwave and Optical Technology Letters, 2016, 58, 2933-2937.	0.9	8
79	Magnetoelectric, photovoltaic, and magnetophotovoltaic effects in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>KBiF</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 93, .	1.1	16
80	Microwave dielectric properties study of (Al₂ O₃)-(Nb₂) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46 Technology Letters, 2016, 58, 1473-1479.	0.9	9
81	SiO2â€“Fe2O3â€“MoO3 ceramic system doped with Nb2O5, a study of the dielectric temperature dependence. Journal of Materials Science: Materials in Electronics, 2016, 27, 5764-5769.	1.1	1
82	Design and simulation of Na₂Nb₄O₁₁ dielectric resonator antenna added with Bi₂O₃ for microwave applications. Microwave and Optical Technology Letters, 2016, 58, 1211-1217.	0.9	10
83	Power dependent upconversion in Er3+/Yb3+ co-doped BiNbO4 phosphors. Ceramics International, 2016, 42, 6899-6905.	2.3	17
84	Nanophotonic graphene-based racetrack-resonator add/drop filter. Optics Communications, 2016, 366, 210-220.	1.0	2
85	Phase-shift-controlled logic gates in Y-shaped nonlinearly coupled chains. Physical Review E, 2016, 93, 022218.	0.8	3
86	PAMâ€“ASK optical logic gates in an optical fiber Sagnac interferometer. Optics and Laser Technology, 2016, 77, 116-125.	2.2	16
87	Analysis of the Performance of a PAM/PPM/OOK System Operating with OCDMA, under Nonlinear Optical Effects in Optical Fiber Propagation. Journal of Optical Communications, 2016, 37, .	4.0	1
88	Study of the performance of dielectric resonator antennas based on the matrix composite of Al₂O₃ â€“ CaTiO₃. Microwave and Optical Technology Letters, 2015, 57, 963-969.	0.9	8
89	Attenuation, dispersion and nonlinearity effects in graphene-based waveguides. Beilstein Journal of Nanotechnology, 2015, 6, 1221-1228.	1.5	6
90	Novel magneticâ€“dielectric composite ceramic obtained from Y3Fe5O12 and CaTiO3. Journal of Alloys and Compounds, 2015, 644, 763-769.	2.8	39

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91	Dielectric Properties of Ca0.7Bi0.3Ti0.7Cr0.3O3 (CBTC)â€“CaCu3Ti4O12 (CCTO) Composite. Journal of Electronic Materials, 2015, 44, 295-302.	1.0	11
92	Circularly polarized quarter-cylinder-shaped dielectric resonator antenna using a single probe feed. Microwave and Optical Technology Letters, 2015, 57, 722-726.	0.9	11
93	New magnetic nanobiocomposite based in galactomannan/glycerol and superparamagnetic nanoparticles. Materials Chemistry and Physics, 2015, 156, 113-120.	2.0	10
94	Machâ€“Zehnder nonlinear interferometer in photonic crystal fibers with nonlinearity profiles. Journal of Nonlinear Optical Physics and Materials, 2015, 24, 1550036.	1.1	7
95	A Study of the Dielectric Properties of Al2O3â€“TiO2 Composite in the Microwave and RF Regions. Journal of Electronic Materials, 2015, 44, 4220-4226.	1.0	21
96	Design and analysis of microstrip antenna arrays for meteorological nano-satellites for UHF uplink. , 2014, , .		3
97	Dielectric and microwave properties study of TiFeNbO6 ceramics added Bi2O3. Journal of Materials Science: Materials in Electronics, 2014, 25, 4450-4457.	1.1	2
98	High Contrast Optical â€œORâ€•Logic Gates Using a Photonic Crystal Fiber Modulated by PAM-ASK. Journal of Optical Communications, 2014, 35, .	4.0	4
99	Graphene-photonic crystal switch. Optics Communications, 2014, 321, 150-156.	1.0	15
100	Generation of logic gates based on a photonic crystal fiber Michelson interferometer. Optics Communications, 2014, 322, 143-149.	1.0	25
101	Impedance spectroscopy study of Na2Nb4O11 ceramic matrix by the addition of Bi2O3. Journal of Alloys and Compounds, 2014, 584, 295-302.	2.8	16
102	A nanophotonic switching cell. Journal of Optics (United Kingdom), 2014, 16, 105005.	1.0	1
103	Radiofrequency and microwave properties study of the electroceramic BaBi4Ti4O15. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2014, 182, 37-44.	1.7	16
104	High dielectric permittivity of SrBi2Nb2O9(SBN) added Bi2O3 and La2O3. Journal of Electroceramics, 2013, 30, 119-128.	0.8	4
105	High dielectric permittivity and low loss of SrBi4Ti4O15 with PbO and V2O5 additions for RF and microwave applications. Journal of Materials Science: Materials in Electronics, 2013, 24, 3467-3473.	1.1	4
106	Preparation and Study of Bismuth Rare-Earth Tungstate Composite Screen-Printed Thick Films. Journal of Electronic Materials, 2013, 42, 752-760.	1.0	0
107	Experimental and numerical investigation of dielectric resonator antenna based on the BiFeO3 ceramic matrix added with Bi2O3 or PbO. Journal of Alloys and Compounds, 2013, 576, 324-331.	2.8	9
108	Impedance spectroscopy study of TiO2 addition on the ceramic matrix Na2Nb4O11. Journal of Materials Science: Materials in Electronics, 2013, 24, 4993-4999.	1.1	6

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109	Realization of All-Optical Logic Gates in a Triangular Triple-Core Photonic Crystal Fiber. Journal of Lightwave Technology, 2013, 31, 731-739.	2.7	41
110	Influence of the polysaccharide galactomannan on the dielectrical characterization of hydroxyapatite ceramic. Composites Part B: Engineering, 2013, 44, 95-99.	5.9	7
111	Switching and enhanced bistability in an asymmetric nonlinear directional coupler with a metamaterial channel. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 1258-1268.	1.7	14
112	Novel fiber-optic sensor of high electrical alternating currents. , 2013, , .		2
113	An alternative method for the measurement of the microwave temperature coefficient of resonant frequency (Ï„f). Journal of Applied Physics, 2012, 112, .	1.1	44
114	NUMERICAL ANALYSIS OF THE INSTANTANEOUS AND RELAXED KERR MODEL FOR GENERATION OF THE ALL-OPTICAL LOGIC GATES WITH TRIANGULAR FIBER COUPLER (TFC). Journal of Nonlinear Optical Physics and Materials, 2012, 21, 1250037.	1.1	11
115	Copper concentration effect in the dielectric properties of BiNbO4 for RF applications. Journal of Alloys and Compounds, 2012, 542, 264-270.	2.8	21
116	High dielectric permittivity in the microwave region of SrBi2Nb2O9(SBN) added La2O3, PbO and Bi2O3, obtained by mechanical alloying. Physica Scripta, 2012, 86, 025701.	1.2	8
117	Random photonic crystal optical memory. Journal of Optics (United Kingdom), 2012, 14, 105402.	1.0	2
118	Analysis of the nonlinear optical switching in a Sagnac interferometer with non-instantaneous Kerr effect. Optics Communications, 2012, 285, 1408-1417.	1.0	12
119	Photonic crystal electro-optical switching cell. Optics Communications, 2012, 285, 3195-3201.	1.0	1
120	Study of the performance of dielectric resonator antennas based on the matrix BiREWO₆ [RE = Gd, Y, Nd]. Microwave and Optical Technology Letters, 2012, 54, 18-23.	0.9	7
121	Ferrimagnetism and Ferroelectricity of the Composite Matrix: SrBi₂Nb₂O₉(SBN)_X-BaFe<sub>12&l Materials Sciences and Applications, 2012, 03, 6-17.		
122	Microwave dielectric properties of Ca (Nb<inf>2/3</inf>Li<inf>1/3</inf>)<inf>x</inf>Ti<inf>1−x</inf>O<inf>3−δ</inf> (CNLTOX). , 2011, , .		0
123	Dielectric resonator antennas based in BiYWO<inf>6</inf> and operating at 3.3 GHz: Electrical properties study. , 2011, , .		0
124	Microwaves dielectric properties of Y<inf>3</inf>Fe<inf>5</inf>O<inf>12</inf>-CaCu<inf>3</inf>Ti<inf>4</inf>O<in composites. , 2011, , .		
125	Optical memory made of photonic crystal working over the C-band of ITU. Journal of Optical and Fiber Communications Research, 2011, , 1.	0.5	0
126	Impedance and modulus studies of magnetic ceramic oxide Ba2Co2Fe12O22 (Co2Y) doped with Bi2O3. Journal of Applied Physics, 2011, 110, .	1.1	151

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127	Pedagogical microwave design of photonic crystal waveguides. , 2011, , .		0
128	Study of the temperature and organic bindings effects in the dielectric and structural properties of the lithium ferrite ceramic matrix (LiFe5O8). Journal of Alloys and Compounds, 2011, 509, 9466-9471.	2.8	11
129	Temperature Dependence of the Magnetic and Electric Properties of Ca₂Fe₂O₅ Materials Sciences and Applications, 2011, 02, 1349-1353.	0.3	5
130	Morphological, structural, optical and dielectric properties of 91SiO2:4Li2O:4Nb2O5:1Dy2O3 (% mole) glass prepared by solâ€“gel. Optical Materials, 2011, 33, 1964-1969.	1.7	17
131	Study of the structural and dielectric properties of Bi2O3 and PbO addition on BiNbO4 ceramic matrix for RF applications. Journal of Materials Science: Materials in Electronics, 2011, 22, 978-987.	1.1	11
132	Photonic crystal optical memory. Applied Physics A: Materials Science and Processing, 2011, 103, 521-524.	1.1	2
133	BiFeO3 ceramic matrix with Bi2O3 or PbO added: MÃ¶ssbauer, Raman and dielectric spectroscopy studies. Physica B: Condensed Matter, 2011, 406, 2532-2539.	1.3	31
134	High thermal stability of the microwave dielectric properties of CaTi_{1â^'x}(Nb_{2/3}Li_{1/3})_xO_{3â^'Î´}alloys Physica Scripta, 2011, 84, 055701.	1.2	7
135	Study of the Performance of an All-Optical Half-Adder Based on Three-Core Non-Linear Directional Fiber Coupler Under Delayed and Instantaneous Non-Linear Kerr Responses. Fiber and Integrated Optics, 2011, 30, 201-230.	1.7	11
136	HIGH THERMAL STABILITY OF MICROWAVE DIELECTRIC PROPERTIES OF CaTi1-x(Nb1/2Fe1/2)xO3 CERAMICS. Journal of Advanced Dielectrics, 2011, 01, 417-427.	1.5	2
137	Microstructure and magneto-dielectric properties of the chitosan/gelatin-YIG biocomposites. EXPRESS Polymer Letters, 2011, 5, 1041-1049.	1.1	7
138	Polyanionic collagen membranes for guided tissue regeneration: Effect of progressive glutaraldehyde cross-linking on biocompatibility and degradation. Acta Biomaterialia, 2010, 6, 4011-4018.	4.1	67
139	Study of the structural, dielectric and magnetic properties of Bi2O3 and PbO addition on BiFeO3 ceramic matrix. Journal of Physics and Chemistry of Solids, 2010, 71, 1329-1336.	1.9	67
140	Chemically Modified Banana Fiber: Structure, Dielectrical Properties and Biodegradability. Journal of Polymers and the Environment, 2010, 18, 523-531.	2.4	50
141	Spatiotemporal optical solitons in planar waveguide with periodically modulated cubic-quintic nonlinearity. Optical and Quantum Electronics, 2010, 42, 179-192.	1.5	1
142	Dielectric and impedance propertiesâ€™ studies of the of lead doped (PbO)-Co2Y type hexaferrite (Ba2Co2Fe12O22 (Co2Y)). Materials Chemistry and Physics, 2010, 123, 35-39.	2.0	108
143	Experimental and numerical investigation of a magnetic resonator antenna based on the Mâ€type hexaferrite (Ba_xSr_{1â^'x}Fe₁₂O₁₉). Microwave and Optical Technology Letters, 2010, 52, 452-458.	0.9	7
144	Impedance spectroscopy study of dehydrated chitosan and chitosan containing LiClO4. Physica B: Condensed Matter, 2010, 405, 4439-4444.	1.3	18

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145	Add-Drop Demultiplexer Operating in an Optical Michelson Interferometer Based in Fiber Bragg Gratings for Time Division Multiple Access Systems. Fiber and Integrated Optics, 2010, 29, 239-253.	1.7	3
146	FULL ANALYSIS OF AN ALL-OPTICAL PHOTONIC CRYSTAL SWITCH. International Journal of Nanoscience, 2010, 09, 57-67.	0.4	0
147	New ferrimagnetic biocomposite film based in collagen and yttrium iron garnet. EXPRESS Polymer Letters, 2010, 4, 790-797.	1.1	11
148	Interplay of XPM and nonlinear response time in the modulational instability of copropagating optical pulses. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 1878.	0.9	20
149	Study of the structural and dielectric properties of xLiFe5O8â^'(100â^'x) LiNbO3 composites, processed using microwave energy. Journal of Non-Crystalline Solids, 2010, 356, 602-606.	1.5	6
150	Dielectric and structural properties of SiO2-LiFe5O8 glassâ€“ceramics prepared by solâ€“gel processing. Journal of Non-Crystalline Solids, 2010, 356, 607-610.	1.5	4
151	Dielectric spectroscopy of LiNbO3 and TmNbO4 nanocrystals embedded in a SiO2 glass matrix. Journal of Non-Crystalline Solids, 2010, 356, 800-804.	1.5	5
152	Study of the dielectric and magnetic properties of Co2Y, Y-type hexaferrite (Ba2Co2Fe12O22) added with PbO and Bi2O3 in the RF frequency range. Journal of Alloys and Compounds, 2010, 493, 326-334.	2.8	52
153	All-Optical Half-Adder Using All-Optical XOR and AND Gates for Optical Generation of â€œSumâ€•and â€œCarryâ€• Fiber and Integrated Optics, 2010, 29, 254-271.	1.7	26
154	Studies of the structural and electrical properties of lithium ferrite (LiFe5O8). Physica Scripta, 2010, 82, 055702.	1.2	22
155	Structural studies of calcium phosphate doped with titanium and zirconium obtained by high-energy mechanical alloying. Physica Scripta, 2009, 80, 065801.	1.2	5
156	Bulk and patch ferrite resonator antennas based on the ceramic matrix composite: GdIGxYIG1-x. Microwave and Optical Technology Letters, 2009, 51, 1595-1602.	0.9	3
157	Switching cell embedded in photonic crystal. Microsystem Technologies, 2009, 15, 821-825.	1.2	1
158	Studies of the temperature coefficient of capacitance (TCC) of a new electroceramic composite: Pb(Fe0.5Nb0.5)O3 (PFN)â€“Cr0.75Fe1.25O3(CRFO). Journal of Materials Science: Materials in Electronics, 2009, 20, 149-156.	1.1	14
159	Structural and electrical study of CaCu3Ti4O12 (CCTO) obtained in a new ceramic procedure. Journal of Materials Science: Materials in Electronics, 2009, 20, 163-170.	1.1	42
160	Numerical analysis of the stability of optical bullets (2Â+Â1) in a planar waveguide with cubicâ€“quintic nonlinearity. Optical and Quantum Electronics, 2009, 41, 121-130.	1.5	2
161	Solitonâ€“like pulse dynamics in addâ€“drop optical filters based on nonlinear fiber grating couplers. Optical and Quantum Electronics, 2009, 41, 441-452.	1.5	0
162	Optical cryptography under PPM-PAM modulation based in short optical pulses in an acoustic-optic tunable filter (AOTF). Optical and Quantum Electronics, 2009, 41, 963-980.	1.5	12

#	Article	IF	Citations
163	Structural properties of CaTi1â^'x(Nb2/3Li2/3)xO3â^'Î´ (CNLTO) and CaTi1â^'x(Nb1/2Ln1/2)xO3 (Ln=Fe (CNFTO), Bi) Tj ETQq1 1 0.784 404, 1409-1414.	1.3	7
164	Structural and electrical study of calcium phosphate obtained by a microwave radiation assisted procedure. Physica B: Condensed Matter, 2009, 404, 1503-1508.	1.3	24
165	Synthesis, structure and vibrational properties of GdIGX:YIG1â^'X ferrimagnetic ceramic composite. Journal of Physics and Chemistry of Solids, 2009, 70, 202-209.	1.9	55
166	Microstructure and magneto-dielectric properties of ferrimagnetic composite GdIGX:YIG1â^'X at radio and microwave frequencies. Journal of Physics and Chemistry of Solids, 2009, 70, 804-810.	1.9	23
167	Structural properties study of the magneto-dielectric composite: Cr0.75Fe1.25O3 (CRFO):Fe0.5Cu0.75Ti0.75O3(FCTO). Journal of Alloys and Compounds, 2009, 481, 438-445.	2.8	10
168	All-optical nonlinear switching cell made of photonic crystal. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2009, 26, 1661.	0.8	8
169	Modulational instability in lossless fibers with saturable delayed nonlinear response. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 183.	0.9	38
170	Study of a microwave ferrite resonator antenna, based on a ferrimagnetic composite (Gd3Fe5O12)GdIGXâ€"(Y3Fe5O12)YIG1â^'X. IET Microwaves, Antennas and Propagation, 2009, 3, 1191.	0.7	32
171	Magnetic properties study on Fe-doped calcium phosphate. Physica Scripta, 2009, 80, 055706.	1.2	7
172	A performance study of an all-optical logic gate based in PAM-ASK. Journal of Modern Optics, 2009, 56, 1004-1013.	0.6	20
173	Structural study of Fe₂O₃-doped calcium phosphates obtained by the mechanical milling method. Physica Scripta, 2009, 79, 055601.	1.2	3
174	Magnetic and dielectric properties of the M-type barium strontium hexaferrite (Ba x Sr1â^'x Fe12O19) in the RF and microwave (MW) frequency range. Journal of Materials Science: Materials in Electronics, 2009, 20, 408-417.	1.1	88
175	Switching cell of directional coupler embedded in photonic crystal driven by an external command (for the C, L, and U bands of ITU). Journal of Communication and Information Systems, 2009, 24, 40-45.	0.2	1
176	A performance study of a nonlinear all Fibre Michelson interferometer, add-drop multiplexer, based in Fibre Bragg grating mirrors. Optical and Quantum Electronics, 2008, 40, 525-534.	1.5	6
177	Study of Structural and Photoluminescent Properties of Ca8Eu2(PO4)6O2. Journal of Fluorescence, 2008, 18, 253-259.	1.3	22
178	Structural studies of a new electroceramic composite: Pb(Fe0.5Nb0.5)O3 (PFN)-Cr0.75Fe1.25O3(CRFO). Journal of Materials Science, 2008, 43, 75-82.	1.7	7
179	Structural and dielectric spectroscopy studies of the M-type barium strontium hexaferrite alloys (Ba) Tj ETQq1 1 0.784314 rgBT /Over	1.1	81
180	Microstructural and electrical properties of PbTiO3 screen-printed thick films. Journal of Materials Science: Materials in Electronics, 2008, 19, 973-980.	1.1	4

#	Article	IF	Citations
181	Dielectrical and structural characterization of iron oxide added to hydroxyapatite. Bulletin of Materials Science, 2008, 31, 635-638.	0.8	4
182	Magnetoâ€dielectric properties of the Y₃Fe₅O₁₂ and Gd₃Fe₅O₁₂ dielectric ferrite resonator antennas. Microwave and Optical Technology Letters, 2008, 50, 2852-2857.	0.9	36
183	Dielectric studies of metal/n-GaN/metal Schottky contact in the radio frequency range. Journal of Crystal Growth, 2008, 310, 3992-3997.	0.7	2
184	Structural and mechanical study of the sintering effect in hydroxyapatite doped with iron oxide. Physica B: Condensed Matter, 2008, 403, 3826-3829.	1.3	21
185	Optical short pulse switching characteristics of ring resonators. Optical Fiber Technology, 2008, 14, 79-83.	1.4	8
186	Experimental and numerical investigation of a ceramic dielectric resonator (DRA): CaCu3Ti4O12 (CCTO). Physica B: Condensed Matter, 2008, 403, 586-594.	1.3	31
187	Radio-frequency (RF) studies of the magneto-dielectric composites: Cr0.75Fe1.25O3 (CRFO)â€“Fe0.5Cu0.75Ti0.75O3 (FCTO). Physica B: Condensed Matter, 2008, 403, 2902-2909.	1.3	17
188	Analysis of an optical logic gate using a symmetric coupler operating with pulse position modulation (PPM). Optics Communications, 2008, 281, 1056-1064.	1.0	19
189	Raman amplification and optical short pulse generation in a waveguide with periodic gain. Optics Communications, 2008, 281, 5804-5810.	1.0	0
190	The dielectric behavior of a thermoelectric treated B2O3â€“Li2Oâ€“Nb2O5 glass. Journal of Non-Crystalline Solids, 2008, 354, 3408-3413.	1.5	30
191	Bandwidth enhancement of stacked dielectric resonator antennas excited by a coaxial probe: an experimental and numerical investigation. IET Microwaves, Antennas and Propagation, 2008, 2, 580-587.	0.7	20
192	Electrical properties of the electroceramic composite in the microwave frequency range: Pb(Fe0.5Nb0.5)O3(PFN)â€“Cr0.75Fe1.25O3(CRFO). Physica Scripta, 2008, 78, 065704.	1.2	3
193	Logic Gates Based in Asymmetric Couplers: Numerical Analysis. Fiber and Integrated Optics, 2007, 26, 217-228.	1.7	13
194	Electrical characterization of SiO2:LiNbO3 glass and glassâ€“ceramics using dc conductivity, TSDC measurements and dielectric spectroscopy. Journal of Non-Crystalline Solids, 2007, 353, 4390-4394.	1.5	41
195	Dielectric resonator antenna: Operation of the magnetodielectric composites Cr0.75Fe1.25O3 (CRFO)/Fe0.5Cu0.75Ti0.75O3 (FCTO). Microwave and Optical Technology Letters, 2007, 49, 409-413.	0.9	9
196	A performance study of a logical gate using PPM optical pulse modulation for TDM systems. Optics Communications, 2007, 275, 476-485.	1.0	3
197	Optical switches and all-fiber logical devices based on triangular and planar three-core nonlinear optical fiber couplers. Optics Communications, 2007, 276, 107-115.	1.0	32
198	Electric and dielectric properties of a SiO2â€“Na2Oâ€“Nb2O5 glass subject to a controlled heat-treatment process. Physica B: Condensed Matter, 2007, 396, 62-69.	1.3	40

#	Article	IF	Citations
199	Dielectric properties of solâ€“gel derived CaCu3Ti4O12 thin films onto Pt/TiO2/Si(100) substrates. Journal of the European Ceramic Society, 2007, 27, 3829-3833.	2.8	31
200	Chitosan-hydroxyapatite-BIT composite films: Preparation and characterization. Polymer Composites, 2007, 28, 582-587.	2.3	6
201	Composite screenâ€printed thick films for high dielectric constant devices: Bi₄Ti₃O₁₂â€“CaCu₃Ti₄O₁₂ films. Polymer Composites, 2007, 28, 771-777.	2.3	10
202	Logic gates based in two- and three-modes nonlinear optical fiber couplers. Optical and Quantum Electronics, 2007, 39, 1191-1206.	1.5	55
203	Crystallite size study of nanocrystalline hydroxyapatite and ceramic system with titanium oxide obtained by dry ball milling. Journal of Materials Science, 2007, 42, 3851-3855.	1.7	52
204	Electric properties of Bi4Ti3O12(BIT)â€“CaCu3Ti4O12 (CCTO) composite substrates for high dielectric constant devices. Journal of Materials Science, 2007, 42, 2112-2120.	1.7	15
205	Apatite coating on anionic and native collagen films by an alternate soaking process. Acta Biomaterialia, 2007, 3, 773-778.	4.1	53
206	Integrated Acousto-Optical Temperature Sensor. Fiber and Integrated Optics, 2006, 25, 387-402.	1.7	2
207	AC and DC conductivity analysis of hydroxyapatite and titanium calcium phosphate formed by dry ball milling. Journal of Non-Crystalline Solids, 2006, 352, 1490-1494.	1.5	27
208	Study of the electric and dielectric properties of SiO2â€“Li2Oâ€“Nb2O5 solâ€“gel glassâ€“ceramics. Journal of Non-Crystalline Solids, 2006, 352, 1501-1505.	1.5	12
209	Microwave preparation, structure and electrical properties of calciumâ€“sodiumâ€“phosphate biosystem. Journal of Non-Crystalline Solids, 2006, 352, 3512-3517.	1.5	19
210	Electrical and dielectrical properties of SiO2â€“Li2Oâ€“Nb2O5 glass and glass-ceramics obtained by thermoelectric treatments. Journal of Non-Crystalline Solids, 2006, 352, 5199-5204.	1.5	27
211	Characterization by X ray diffraction of mechanically alloyed tripotassium sodium sulfate. Materials Research, 2006, 9, 243-246.	0.6	8
212	On the dielectric behaviour of collagenâ€“algal sulfated polysaccharide blends: Effect of glutaraldehyde crosslinking. Biophysical Chemistry, 2006, 120, 154-159.	1.5	32
213	All optical logic gates based on an asymmetric nonlinear directional coupler. Optics Communications, 2006, 262, 32-37.	1.0	81
214	Analytical and numerical studies of the performance of a nonlinear directional fiber coupler with periodically modulated dispersion. Optical Fiber Technology, 2006, 12, 148-161.	1.4	15
215	BaTiO3 (BTO)â€“CaCu3Ti4O12 (CCTO) substrates for microwave devices and antennas. Journal of Materials Science, 2006, 41, 4623-4631.	1.7	20
216	Microstrip antenna on a high dielectric constant substrate: BaTiO3 (BTO)-CaCu3Ti4O12(CCTO) composite screen-printed thick films. Journal of Electronic Materials, 2006, 35, 1848-1856.	1.0	22

#	Article	IF	Citations
217	Dielectric relaxation of BaTiO3 (BTO)â€“CaCu3Ti4O12 (CCTO) composite screen-printed thick films at low temperatures. Materials Chemistry and Physics, 2006, 96, 402-408.	2.0	21
218	DC conductivity and dielectric permittivity of collagenâ€“chitosan films. Materials Chemistry and Physics, 2006, 99, 284-288.	2.0	77
219	The Modulus Formalism Used in the Dielectric Analysis with Optical Characterization of Hydroxyapatite and CaTi₄P₆O₂₄ Ceramic Formers by Dry Ball Milling. Materials Science Forum, 2006, 514-516, 1087-1093.	0.3	3
220	Numerical analysis in triangular and planar three-core nonlinear optical fiber couplers (TNLDC) operating logical gates. , 2006, , .		1
221	Four wave mixing in a dispersion decreasing fiber (DDF) for a WDM system. , 2006, , .		0
222	Ultrashort Pulse Reflection through Nonlinear Fiber Bragg Gratings. , 2006, , .		0
223	Soliton optical gates with asymmetric planar Dual-Core Nonlinear Directional Fiber Coupler (DNLDC).. , 2006, , .		0
224	Acousto-Optic Tunable Filter (AOTF) Revisited: Ultrashort Optical Pulses Crosstalk Studies on the Lossy Filter. Fiber and Integrated Optics, 2006, 25, 195-211.	1.7	2
225	Crosstalk and contrast ratio studies of a four stage Machâ€“Zehnder optical fiber demultiplexer. Optical Fiber Technology, 2005, 11, 167-179.	1.4	4
226	Analysis of the four wave mixing effect (FWM) in a dispersion decreasing fiber (DDF) for a WDM system. Optical Fiber Technology, 2005, 11, 306-318.	1.4	14
227	Optical crosstalk in a periodically inhomogeneous nonlinear dispersion directional fiber coupler. Optical Fiber Technology, 2005, 11, 180-192.	1.4	5
228	Hydroxyapatite screen-printed thick films: optical and electrical properties. Materials Chemistry and Physics, 2005, 92, 260-268.	2.0	28
229	Optical mixing effect and modulation instability in a dispersion decreasing fibre operating with picosecond light pulses. IEE Proceedings: Optoelectronics, 2005, 152, 292-298.	0.8	4
230	The modulus formalism used in the dielectric analysis of hydroxyapatite and calcium phosphate with titanium formed by dry ball milling. Journal of Non-Crystalline Solids, 2005, 351, 2945-2950.	1.5	32
231	Optical and electrical properties of barium titanate-hydroxyapatite composite screen-printed thick films. Solid State Sciences, 2004, 6, 267-278.	1.5	22
232	Preparation and optical characterization of hydroxyapatite and ceramic systems with titanium and zirconium formed by dry high-energy mechanical alloying. Solid State Sciences, 2004, 6, 1365-1374.	1.5	37
233	Dielectric permittivity and loss of CaCu3Ti4O12(CCTO) substrates for microwave devices and antennas. Journal of Materials Science: Materials in Electronics, 2004, 15, 657-663.	1.1	42
234	Raman spectroscopy measurements of hydroxyapatite obtained by mechanical alloying. Journal of Physics and Chemistry of Solids, 2004, 65, 1031-1033.	1.9	46

#	Article	IF	Citations
235	Properties and in vivo investigation of nanocrystalline hydroxyapatite obtained by mechanical alloying. Materials Science and Engineering C, 2004, 24, 549-554.	3.8	27
236	Dielectric properties of BaTiO3 (BTO)â€“CaCu3Ti4O12 (CCTO) composite screen-printed thick films for high dielectric constant devices in the medium frequency (MF) range. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 111, 113-123.	1.7	60
237	On the physico-chemical and dielectric properties of glutaraldehyde crosslinked galactomannanâ€“collagen films. Carbohydrate Polymers, 2004, 56, 313-320.	5.1	170
238	Raman scattering and x-ray diffraction studies of polycrystallineCaCu3Ti4O12under high-pressure. Physical Review B, 2004, 70, .	1.1	56
239	Numerical Analysis of the Crosstalk on an Integrated Acousto-Optic Tunable Filter (AOTF) for Network Applications. Fiber and Integrated Optics, 2004, 23, 345-363.	1.7	2
240	Dielectric permittivity and loss of hydroxyapatite screen-printed thick films. Journal of Materials Science, 2003, 38, 3713-3720.	1.7	16
241	Structural properties of hydroxyapatite obtained by mechanosynthesis. Solid State Sciences, 2003, 5, 553-558.	1.5	108
242	Electrical and optical properties of CaCu3Ti4O12 (CCTO) substrates for microwave devices and antennas. Microwave and Optical Technology Letters, 2003, 39, 145-150.	0.9	64
243	On the piezoelectricity of collagen/natural rubber blend films. European Polymer Journal, 2003, 39, 1267-1272.	2.6	10
244	Nonlinear optical waveguide coupling with planar solitonic field profile. Optics Communications, 2003, 221, 63-71.	1.0	0
245	PICOSECOND PULSE SWITCHING IN AN ACOUSTO-OPTIC TUNABLE FILTER (AOTF) WITH LOSS. Nonlinear Optics, Quantum Optics, 2002, 29, 79-97.	0.2	6
246	Study of the electrical conductivity and piezoelectricity in iron doped collagen films. Solid State Sciences, 2002, 4, 43-51.	1.5	8
247	Interchannel crosstalk on the acousto-optic tunable filter (AOTF) for network applications. Microwave and Optical Technology Letters, 2002, 35, 230-235.	0.9	4
248	The optical and 57Fe MÃ¶ssbauer spectra of lithium diborate (Li2B4O7) in borophosphate glass-ceramics. Physica B: Condensed Matter, 2002, 322, 276-288.	1.3	13
249	Structural properties of CaCu3Ti4O12 obtained by mechanical alloying. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2002, 96, 275-283.	1.7	81
250	On the piezoelectricity of anionic collagen films. Journal of Physics and Chemistry of Solids, 2002, 63, 465-470.	1.9	18
251	Optical properties of hydroxyapatite obtained by mechanical alloying. Journal of Physics and Chemistry of Solids, 2002, 63, 1745-1757.	1.9	34
252	Photonic time-division multiplexing (OTDM) using ultrashort picosecond pulses in a terahertz optical asymmetric demultiplexer (TOAD). Optics Communications, 2002, 205, 299-312.	1.0	7

#	Article	IF	Citations
253	Acousto-optic tunable filter (AOTF) with increasing non-linearity and loss. Optics Communications, 2002, 208, 415-426.	1.0	9
254	Electrical and dielectrical properties of the percolating system polystyrene/polypyrrole particles. European Polymer Journal, 2002, 38, 1495-1499.	2.6	42
255	Study of the piezoelectricity in iron-doped collagen films. Journal of Materials Science: Materials in Electronics, 2002, 13, 157-165.	1.1	2
256	Piezoelectric properties of collagen-nanocrystalline hydroxyapatite composites. Journal of Materials Science, 2002, 37, 2061-2070.	1.7	39
257	Properties of nanoparticles of Bi12GeO20 (BGO) obtained by ball milling. Journal of Materials Science Letters, 2002, 21, 963-965.	0.5	4
258	Structural studies of lithium triborate (LBOâ€“LiB3O5) in borophosphate glass-ceramics. Solid State Sciences, 2001, 3, 829-838.	0.8	37
259	Inhibitory properties of calcium exchanged silica epoxy paintings. Corrosion Science, 2001, 43, 2291-2303.	3.0	40
260	On the piezoelectricity of collagenâ€“chitosan films. Physical Chemistry Chemical Physics, 2001, 3, 4154-4157.	1.3	37
261	An ultra stable glass system for optical fiber devices. Physical Chemistry Chemical Physics, 2001, 3, 613-615.	1.3	2
262	Effect of the pH on the piezoelectric properties of collagen films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2001, 83, 165-172.	1.7	12
263	Collagenâ€“hydroxyapatite films: piezoelectric properties. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2001, 86, 210-218.	1.7	54
264	Ultra-short pulse propagation in a lossy acousto-optic tunable filter (AOTF). Microwave and Optical Technology Letters, 2001, 28, 346-350.	0.9	0
265	Optical properties of Bi12SiO20 (BSO) and Bi12TiO20 (BTO) obtained by mechanical alloying. Journal of Materials Science, 2001, 36, 587-592.	1.7	45
266	Analysis of Ultrashort Pulse Switching in an Acousto-optic Tunable Filter (AOTF) with Loss. Journal of Optical Communications, 2001, 22, .	4.0	2
267	Structural properties of lithium borate glasses doped with rare earth ions. Ceramica, 2001, 47, 88-93.	0.3	6
268	Up-conversion pumped light amplification with temperature tunable gain in Er3+/Yb3+-codoped chalcogenide glasses. Journal of Luminescence, 2000, 87-89, 1020-1022.	1.5	11
269	Structural studies of KNbO 3 in niobate glass-ceramics. Journal of Physics and Chemistry of Solids, 2000, 61, 899-906.	1.9	33
270	Optical time-division multiplexing using picosecond solitons in a terahertz optical asymmetric demultiplexer. Optics Communications, 2000, 186, 87-97.	1.0	5

#	Article	IF	Citations
271	Multistable all-optical switching behavior of the asymmetric nonlinear directional coupler. Optics Communications, 2000, 173, 413-421.	1.0	14
272	Ultrafast Optical Switching in a Nonlinear Loop Mirror Constructed from Dispersion Decreasing Fiber. Journal of Optical Communications, 1999, 20, .	4.0	2
273	Thermally induced threefold upconversion emission enhancement in nonresonant excited Er3+/Yb3+-codoped chalcogenide glass. Applied Physics Letters, 1999, 74, 3607-3609.	1.5	87
274	Analysis of soliton switching in dispersion-decreasing fiber couplers. Optics Communications, 1999, 171, 351-364.	1.0	34
275	Soliton and quasi-soliton switching in nonlinear optical loop mirror constructed from dispersion decreasing fiber. Optics Communications, 1999, 163, 292-300.	1.0	19
276	Title is missing!. Journal of Materials Science Letters, 1999, 18, 1871-1874.	0.5	16
277	Piezoelectricity of native and anionic collagen. Journal of Materials Science Letters, 1999, 18, 983-986.	0.5	7
278	Dielectric Complex Function Studies of LiNbO3 in Niobate Glass-Ceramics. Physica Status Solidi A, 1999, 172, 255-263.	1.7	0
279	Piezoelectric and Dielectric Properties of Collagen Films. Physica Status Solidi A, 1999, 176, 1077-1083.	1.7	14
280	Optical thermometry through infrared excited upconversion fluorescence emission in Er/sup 3+/- and Er/sup 3+/-Yb/sup 3+/-doped chalcogenide glasses. IEEE Journal of Quantum Electronics, 1999, 35, 395-399.	1.0	90
281	Raman and infrared spectra of KNbO3in niobate glass-ceramics. Journal of Physics Condensed Matter, 1999, 11, 4451-4460.	0.7	53
282	Piezoelectric lithium niobate obtained by mechanical alloying. Journal of Materials Science Letters, 1998, 17, 449-451.	0.5	44
283	Title is missing!. Journal of Materials Science Letters, 1998, 17, 497-499.	0.5	8
284	Raman and infrared spectroscopy studies of LiNbO3 in niobate glass-ceramics. Journal of Physics and Chemistry of Solids, 1998, 59, 689-694.	1.9	32
285	Structural and electrical properties of iron molybdenum phosphate glasses. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1998, 20, 209-220.	0.4	2
286	All-optical soliton switching in three-core nonlinear fiber couplers. Optics Communications, 1998, 145, 281-290.	1.0	31
287	Optimum self phase modulation profile for nonlinear transmission recovery in twin core optical couplers with loss. Optics Communications, 1998, 151, 31-34.	1.0	21
288	Pulse position modulation (PPM) of ultrashort pulse trains in optical fibers. Optics Communications, 1998, 152, 59-64.	1.0	6

#	Article	IF	Citations
289	Infrared to visible up-conversion fluorescence spectroscopy in Er3+-doped chalcogenide glass. Journal of Luminescence, 1998, 78, 271-277.	1.5	29
290	Infrared to visible frequency upconversion in erbium-doped Ga2S3â€“La2O3 chalcogenide glass. Optical Materials, 1998, 10, 241-244.	1.7	11
291	Soliton switching in three-core nonlinear directional fiber couplers. Journal of Applied Physics, 1998, 84, 1834-1842.	1.1	45
292	Structure of iron niobophosphate glasses investigated by DTA, infrared and MÃ¶ssbauer spectroscopy. Journal of Physics Condensed Matter, 1998, 10, 7511-7518.	0.7	5
293	Optical temperature sensing using upconversion fluorescence emission in Er3+/Yb3+-codoped chalcogenide glass. Applied Physics Letters, 1998, 73, 578-580.	1.5	206
294	Frequency upconversion in Er3+/Yb3+-codoped chalcogenide glass. Applied Physics Letters, 1998, 72, 753-755.	1.5	141
295	Upconversion fluorescence spectroscopy of Er3+/Yb3+-doped heavy metal Bi2O3â€“Na2Oâ€“Nb2O5â€“GeO2 glass. Journal of Applied Physics, 1998, 83, 604-606.	1.1	123
296	Structure and electrical properties of lithium niobophosphate glasses. Canadian Journal of Physics, 1997, 75, 747-758.	0.4	16
297	Multiwavelength frequency-doubling in bulk galliumî—¸anthanumî—¸sulphide glasses for optical fiber amplifiers at 1.3 Î¼m. Optical Materials, 1997, 7, 1-7.	1.7	13
298	Spectroscopic Studies of Iron Niobophosphate Glasses. Physica Status Solidi A, 1997, 162, 515-523.	1.7	8
299	Efficient second-harmonic generation in praseodymium-doped Ga:La:S glass for 1.3-Î¼m optical fiber amplifiers. IEEE Photonics Technology Letters, 1996, 8, 821-823.	1.3	10
300	Reversible non-linear electrical switching in CdTeS-doped glass. Journal of Materials Science, 1996, 31, 3601-3604.	1.7	1
301	Structure and optical properties of lithium niobiumâ€phosphate glasses and glass ceramics. Physica Status Solidi (B): Basic Research, 1996, 197, 231-240.	0.7	27
302	Crystallization of ferroelectric LiNbO3in niobophosphate glasses. Physica Scripta, 1996, 53, 104-107.	1.2	9
303	Nonlinear electrical switching in CdTeS doped glass. Physica Scripta, 1996, 53, 631-634.	1.2	0
304	Propagation of Light in Doped Media with Regular and Random Distributed Clusters. , 1996, , 433-434.		0
305	Kilohertz Relaxation Process in Linbo3:Fe Single Crystals. Physica Status Solidi A, 1995, 147, 585-589.	1.7	6
306	The properties and crystallization of LiNbO3in lithium niobophosphate glasses. Journal of Physics Condensed Matter, 1995, 7, 9723-9730.	0.7	17

#	Article	IF	Citations
307	Nonlinear switching in semiconductor (CdSSe) doped glass. Solid State Communications, 1993, 88, 305-308.	0.9	11
308	Electrical properties of LiKSO4 crystals at low temperatures. Solid State Communications, 1993, 87, 959-962.	0.9	8
309	Optical bistability and nonlinear switching in CdSSe microcrystallite-doped glass. Solid State Communications, 1992, 82, 805-808.	0.9	7
310	Bistable pulse collisions of the cubic-quintic nonlinear SchrÃ¶dinger equation. Optics Communications, 1992, 94, 92-98.	1.0	36
311	Low-frequency relaxation processes in LiNbO3: Fe single crystals. Optical Materials, 1992, 1, 59-63.	1.7	6
312	Dielectric Relaxation Process and Pyroelectric Currents in LiNbO3 : Fe Single Crystals. Physica Status Solidi A, 1991, 125, 723-729.	1.7	15
313	Femtosecond soliton amplification in erbium doped silica fibre. Electronics Letters, 1990, 26, 186.	0.5	42
314	Pump and probe spectroscopy of A Cr+3-doped glass. Solid State Communications, 1990, 76, 183-186.	0.9	0
315	Amplification of Picosecond Pulses in Neodymium-doped Single-mode Optical Fibres. Journal of Modern Optics, 1989, 36, 1143-1150.	0.6	2
316	Picosecond pulse amplification in a single mode neodymium doped fibre. AIP Conference Proceedings, 1989, , .	0.3	0
317	A Nd: Yag laser pumped soliton self-frequency shifter. Optics Communications, 1988, 68, 139-142.	1.0	8
318	Subpicosecond-pulse generation through cross-phase-modulation-induced modulational instability in optical fibers. Optics Letters, 1988, 13, 901.	1.7	50
319	Picosecond pulse switching in a lossy acousto-optic tunable filter (AOTF). , 0, , .		0
320	Pulse position modulation (PPM) of ultrashort pulse trains in optical fibres. , 0, , .		1
321	Nonlinear switching recovery in planar directional coupler with loss. , 0, , .		0
322	Ultrafast optical switching in a nonlinear loop mirror (NOLM) constructed from dispersion decreasing fiber (DDF). , 0, , .		0
323	Dispersion profile studies on twin core directional fiber couplers. , 0, , .		0
324	Time-division multiplexing (OTDM) using ultrashort picosecond pulses in a terahertz optical asymmetric demultiplexer (TOAD). , 0, , .		0

#	Article	IF	Citations
325	A Review on Ba_xSr_{1-x}Fe₁₂O₁₉ Hexagonal Ferrites for use in Electronic Devices. Solid State Phenomena, 0, 202, 1-64.	0.3	18
326	Yttrium Iron Garnet: Properties and Applications Review. Solid State Phenomena, 0, 202, 65-96.	0.3	102
327	Microwave Dielectric Properties of Ba5Li2W3O15 Ceramic with Excess Lithium for Dielectric Resonator Antenna Application. Journal of Electronic Materials, 0, , 1.	1.0	2