

Antonio S B Sombra

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/699227/publications.pdf>

Version: 2024-02-01

328
papers

6,118
citations

76326

40
h-index

128289

60
g-index

332
all docs

332
docs citations

332
times ranked

5035
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the microwave dielectric properties of $\text{BiCu}_3\text{Ti}_3\text{FeO}_{12}$ with the addition of Bi_2O_3 . Journal of Electromagnetic Waves and Applications, 2022, 36, 321-331.	1.6	0
2	Optical Coupler Network Modeling and Parameter Estimation Based on a Generalized Tucker Train Decomposition. IEEE Access, 2022, 10, 9906-9924.	4.2	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.	0.7	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, .	1.0	0
5	Influence of the addition of CaTiO_3 on the microwave dielectric properties of the BaMoO_4 matrix. Materials Chemistry and Physics, 2022, 289, 126478.	4.0	4
6	High thermal stability and colossal permittivity of novel solid solution $\text{LaFeO}_3/\text{CaTiO}_3$. Materials Chemistry and Physics, 2021, 257, 123239.	4.0	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.	3.5	4
8	Dual-frequency magneto-dielectric resonator antenna based in a YIG matrix with control of HEM H_{11} and TE O_{11} modes. Microwave and Optical Technology Letters, 2021, 63, 310-321.	1.4	0
9	Impedance spectroscopy analysis of an FeNbO_4 matrix with different additions of TiO_2 and the effects of temperature variation. Journal of Materials Science: Materials in Electronics, 2021, 32, 5936-5944.	2.2	0
10	Evaluation of dielectric properties of the barium titanium silicate ($\text{Ba}_2\text{TiSi}_2\text{O}_8$) for microwave applications. Journal of Materials Science: Materials in Electronics, 2021, 32, 7034-7048.	2.2	6
11	Impedance and Mössbauer spectroscopy study of $\text{BiCu}_3\text{Ti}_3\text{FeO}_{12}$ dielectric matrix. Journal of Materials Science: Materials in Electronics, 2021, 32, 11607-11615.	2.2	0
12	YIG Matrix Based Multiband Magneto-Dielectric Cylindrical Resonator Antenna. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2021, 20, 348-358.	0.7	1
13	Dielectric properties of bismuth layer structured ferroelectric $\text{Bi}_3\text{R}_2\text{Ti}_3\text{FeO}_{15}$ ($\text{R} = \text{Bi, Gd, and Nd}$) at microwave and radiofrequency. Journal of Materials Science: Materials in Electronics, 2021, 32, 18628-18643.	2.2	1
14	Analogy of different optical temperature sensing techniques in $\text{LaNbO}_4:\text{Er}^{3+}/\text{Yb}^{3+}$ phosphor. Journal of Luminescence, 2021, 235, 117992.	3.1	25
15	Design and characterization study of LaFeO_3 and CaTiO_3 composites at microwave frequencies and their applications as dielectric resonator antennas. Ceramics International, 2021, 47, 33232-33241.	4.8	6
16	High thermal stability of the YNbO_4 CaTiNbO_7 composites for radio frequency and microwave applications. Materials Chemistry and Physics, 2021, 271, 124956.	4.0	5
17	Investigation on luminescence based optical temperature sensing behavior of $\text{Sr}_3\text{MoO}_6:\text{Eu}^{3+}/\text{Tb}^{3+}$. Optik, 2021, 246, 167825.	2.9	3
18	High-bandwidth microwave dielectric resonator antennas from BiVO_4/ZnO composites. Journal of the Australian Ceramic Society, 2021, 57, 369-377.	1.9	4

#	ARTICLE	IF	CITATIONS
19	Ni substitution effect on the structure, magnetization, resistivity and permeability of zinc ferrites. Journal of Materials Chemistry C, 2021, 9, 5425-5436.	5.5	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.	1.4	3
21	Tailoring of Electromagnetic Absorption in Substituted Hexaferrites from 8.2ÅGHz to 12.4ÅGHz. Journal of Electronic Materials, 2020, 49, 1646-1653.	2.2	15
22	Effects of TiO ₂ Addition on the Radio-Frequency Properties of the Sr ₂ CoNbO ₆ Matrix. Journal of Electronic Materials, 2020, 49, 2211-2221.	2.2	2
23	Complex permittivity and complex permeability characteristics of Co-Ti doped barium strontium hexaferrite/paraffin wax composites for application in microwave devices. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	3
24	Dielectric characterisation and numerical investigation of SrBi ₂ Nb ₂ O ₉ -Bi ₂ O ₃ composites for applications in microwave range. Journal of Electromagnetic Waves and Applications, 2020, 34, 1705-1718.	1.6	6
25	Enhancing the electrical properties of Bi ₄ Ti ₃ O ₁₂ (BiT) matrix by special alloying and sintering. Journal of Materials Science: Materials in Electronics, 2020, 31, 22265-22273.	2.2	2
26	Effects of the Bi ³⁺ substitution on the structural, vibrational, and magnetic properties of bismuth layer-structured ferroelectrics. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	8
27	Up-Conversion Luminescence of Er ³⁺ /Pr ³⁺ /Yb ³⁺ Co-doped LaNbO ₄ Phosphors. Journal of Electronic Materials, 2020, 49, 6009-6015.	2.2	1
28	Effect of (Pr-Yb) Co-doping on the Luminescence and Dielectric Behaviour of LaNbO ₄ Ceramic. Journal of Electronic Materials, 2020, 49, 6016-6023.	2.2	2
29	High thermal stability of RF dielectric properties of BiVO ₄ matrix with added ZnO. Journal of Materials Science: Materials in Electronics, 2020, 31, 13078-13087.	2.2	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.	2.0	3
31	On the synthesis and down-conversion luminescence of the LaNbO ₄ :Pr ³⁺ phosphor. Ferroelectrics, 2019, 545, 55-61.	0.6	3
32	Microwave filter characteristics of ferrite and polyaniline composites from 8.2 to 12.4ÅGHz. Journal of Materials Science: Materials in Electronics, 2019, 30, 14923-14927.	2.2	1
33	Warm-white light emission in Er ³⁺ /Tm ³⁺ /Yb ³⁺ tri-doped YNbO ₄ phosphor under 808Ånm excitation: A synergistic upconversion effect. Materials Letters, 2019, 254, 65-68.	2.6	15
34	Bandstop Passive Filter Characteristics of Hexagonal Ferrite Composites at X-Band. Journal of Electronic Materials, 2019, 48, 6189-6193.	2.2	6
35	Dielectric and microwave properties of common sintering aids for the manufacture of thermally stable ceramics. Ceramics International, 2019, 45, 20446-20450.	4.8	19
36	Effects of CaTiO ₃ addition on the microwave dielectric properties and antenna properties of BiVO ₄ ceramics. Composites Part B: Engineering, 2019, 175, 107122.	12.0	25

#	ARTICLE	IF	CITATIONS
37	Investigation of structural, hysteresis and electromagnetic parameters for microwave absorption application in doped Ba ²⁺ /Sr hexagonal ferrites at X-band. Journal of Alloys and Compounds, 2019, 806, 1220-1229.	5.5	58
38	Effect of V ₂ O ₅ addition on the structural and electrical properties of CoTiO ₃ . Composites Part B: Engineering, 2019, 176, 107286.	12.0	6
39	A study of the dielectric and electrical properties of the matrix composite [Ba ₂ CoNbO ₆ (BCNO) _{1-X} - CaTiO ₃ (CTO) _X]. Materials Research Bulletin, 2019, 113, 169-174.	5.2	8
40	Magneto-dielectric composite based on Y ₃ Fe ₅ O ₁₂ / CaTiO ₃ for radio frequency and microwave applications. Journal of Alloys and Compounds, 2019, 783, 652-661.	5.5	17
41	Microwave Dielectric Properties Study of the La ₂ O ₃ Additions on the SrBi ₂ Nb ₂ O ₉ Matrix. Journal of Electronic Materials, 2019, 48, 1196-1206.	2.2	4
42	Effects of MgO on dielectric relaxation and phase transition of the ceramic matrix BaBi ₄ Ti ₄ O ₁₅ . Journal of Science: Advanced Materials and Devices, 2019, 4, 170-179.	3.1	4
43	Dielectric characterization of BiVO ₄ -TiO ₂ composites and applications in microwave range. Journal of Alloys and Compounds, 2019, 775, 889-895.	5.5	11
44	High thermal stability OF Li ₂ TiO ₃ -Al ₂ O ₃ composite in the microwave C-Band. Journal of Physics and Chemistry of Solids, 2019, 125, 51-56.	4.0	9
45	Experimental and numerical investigation of dielectric resonator antenna based on doped Ba(Zn ^{1/3} Ta ^{2/3})O ₃ ceramic. Journal of Electromagnetic Waves and Applications, 2019, 33, 84-95.	1.6	10
46	Magneto Tuning of a Ferrite Dielectric Resonator Antenna Based on LiFe ₅ O ₈ Matrix. Journal of Electronic Materials, 2018, 47, 3829-3835.	2.2	7
47	Structural and electrical properties of the SrBi ₄ Ti ₄ O ₁₅ : V ₂ O ₅ matrix in the microwave frequency range. Journal of Electromagnetic Waves and Applications, 2018, 32, 1329-1341.	1.6	4
48	Magneto-dielectric properties studies of the matrix composite [SrFe ₁₂ O ₁₉ (SFO) _{1-X} / BiFeO ₃ (BFO) _X]. Journal of Alloys and Compounds, 2018, 735, 2111-2118.	5.5	7
49	Properties of the Sr ₃ MoO ₆ electroceramic for RF/microwave devices. Journal of Alloys and Compounds, 2018, 748, 766-773.	5.5	22
50	Dielectric relaxation study of the ceramic matrix BaBi ₄ Ti ₄ O ₁₅ :Bi ₂ O ₃ . Materials Chemistry and Physics, 2018, 205, 72-83.	4.0	12
51	Fabrication and operational characteristics of step-down piezoelectric transformer based on PMN-PT ceramics. Ferroelectrics, 2018, 535, 18-24.	0.6	2
52	The Effects of TiO ₂ Addition on the Dielectric and Microwave Properties in the Ceramic Matrix BiVO ₄ . , 2018, , .		1
53	Dielectric Resonator Antennas with Frequency Stability Under Severe Temperature Variations Based on Li ₂ MgTi ₃ O ₈ Ceramic Matrix Added with Bi ₂ O ₃ . Journal of Electronic Materials, 2018, 47, 7272-7280.	2.2	8
54	Study of the structural and dielectric properties of ceramic obtained from residual electrocoagulation. Advances in Applied Ceramics, 2018, 117, 395-405.	1.1	0

#	ARTICLE	IF	CITATIONS
55	A novel white-light emitting BaBi ₂ Nb ₂ O ₉ : Li ⁺ /Tm ³⁺ /Er ³⁺ /Yb ³⁺ upconversion phosphor. Journal of Luminescence, 2018, 204, 539-547.	3.1	13
56	Elucidation of microwave absorption mechanisms in Co ²⁺ /Ga substituted Ba ²⁺ /Sr hexaferrites in X-band. Journal of Materials Science: Materials in Electronics, 2018, 29, 14995-15005.	2.2	31
57	Dielectrical and structural studies of composite matrix BiVO ₄ /CaTiO ₃ and temperature effects by impedance spectroscopy. Journal of Materials Science: Materials in Electronics, 2018, 29, 16248-16258.	2.2	16
58	Structural and dielectric behaviour analysis of TiO ₂ addition on the ceramic matrix BiVO ₄ . Journal of Materials Science: Materials in Electronics, 2018, 29, 14557-14566.	2.2	8
59	RF and Microwave Electrical Properties Study of the Magneto-Dielectric Resonator Antenna of the Matrix Composite [SrFe ₁₂ O ₁₉ (SFO) _{1-x} BiFeO ₃ (BFO) _x]. Journal of Electronic Materials, 2018, 47, 6144-6152.	2.2	1
60	White light upconversion emission and color tunability in Er ³⁺ /Tm ³⁺ /Yb ³⁺ tri-doped YNbO ₄ phosphor. Journal of Luminescence, 2018, 204, 676-684.	3.1	35
61	Dielectric and magnetic properties of a yttrium ferrite/calcium copper titanate composite. Spectroscopy Letters, 2017, 50, 206-213.	1.0	4
62	A new modulation method to generate all-optical logic gates in an AOTF. Microsystem Technologies, 2017, 23, 5491-5503.	2.0	4
63	All-optical XOR and OR by Mach-Zehnder Interferometer engineered photonic crystal fibers. Optics and Laser Technology, 2017, 94, 128-137.	4.6	4
64	Dielectric Study in the Microwave Range for Ceramic Composites Based on Sr ₂ CoNbO ₆ and TiO ₂ Mixtures. Journal of Electronic Materials, 2017, 46, 5193-5200.	2.2	10
65	Effect of V ₂ O ₅ Addition on the Phase Composition of Bi ₅ FeTi ₃ O ₁₅ Ceramic and RF/Microwave Dielectric Properties. Journal of Electronic Materials, 2017, 46, 2467-2475.	2.2	7
66	Impedance Spectroscopy Analysis of Mg ₄ Nb ₂ O ₉ Ceramics with Different Additions of V ₂ O ₅ for Microwave and Radio Frequency Applications. Journal of Electronic Materials, 2017, 46, 4344-4352.	2.2	12
67	Identification of giant dielectric permittivity in the BiVO ₄ . Materials Letters, 2017, 205, 67-69.	2.6	7
68	Communication – Detection of Giant Dielectric Constant in Strontium Orthovanadate Sr ₃ V ₂ O ₈ . ECS Journal of Solid State Science and Technology, 2017, 6, N213-N215.	1.8	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.	2.3	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.	3.1	18
71	Magnetoelectric effects in the spiral magnets CuCl ₂ and CuBr ₂ . Journal of Physics Condensed Matter, 2017, 29, 035701.	1.8	2
72	Experimental and numerical investigation of the microwave dielectric properties of the MgTiO ₃ ceramic matrix added with CaCu ₃ Ti ₄ O ₁₂ . Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2017, 16, 403-418.	0.7	6

#	ARTICLE	IF	CITATIONS
73	Temperature-, power-, and concentration-dependent two and three photon upconversion in $\text{Er}^{3+}/\text{Yb}^{3+}$ co-doped lanthanum ortho-niobate phosphors. RSC Advances, 2016, 6, 68160-68169.	3.6	34
74	New materials for miniaturized magneto-dielectric antennas based on $\text{Gd}_x\text{Y}_{1-x}$ 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.	1.6	2
76	Dielectric investigation of the Sr_3WO_6 double perovskite at RF/microwave frequencies. RSC Advances, 2016, 6, 42502-42509.	3.6	22
77	Compact triple-band PIFA with high bandwidth and gain for multiple mobile services. Microwave and Optical Technology Letters, 2016, 58, 2961-2965.	1.4	0
78	Performance of microstrip patch antenna due EBG/PBG arrangements insertion. Microwave and Optical Technology Letters, 2016, 58, 2933-2937.	1.4	8
79	Magnetolectric, photovoltaic, and magnetophotovoltaic effects in KBiF_2O_5 . Physical Review B, 2016, 93, 024411.	3.2	16
80	Microwave dielectric properties study of $(\text{Al}_2\text{O}_3)_{1-x}(\text{Nb}_2\text{O}_5)_x$ system. Microwave and Optical Technology Letters, 2016, 58, 1473-1479.	1.4	9
81	$\text{SiO}_2/\text{Fe}_2\text{O}_3/\text{MoO}_3$ ceramic system doped with Nb_2O_5 , a study of the dielectric temperature dependence. Journal of Materials Science: Materials in Electronics, 2016, 27, 5764-5769.	2.2	1
82	Design and simulation of $\text{Na}_2\text{Nb}_4\text{O}_{11}$ dielectric resonator antenna added with Bi_2O_3 for microwave applications. Microwave and Optical Technology Letters, 2016, 58, 1211-1217.	1.4	10
83	Power dependent upconversion in $\text{Er}^{3+}/\text{Yb}^{3+}$ co-doped BiNbO_4 phosphors. Ceramics International, 2016, 42, 6899-6905.	4.8	17
84	Nanophotonic graphene-based racetrack-resonator add/drop filter. Optics Communications, 2016, 366, 210-220.	2.1	2
85	Phase-shift-controlled logic gates in Y-shaped nonlinearly coupled chains. Physical Review E, 2016, 93, 022218.	2.1	3
86	PAM-ASK optical logic gates in an optical fiber Sagnac interferometer. Optics and Laser Technology, 2016, 77, 116-125.	4.6	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, .	4.7	1
88	Study of the performance of dielectric resonator antennas based on the matrix composite of $\text{Al}_2\text{O}_3/\text{CaTiO}_3$. Microwave and Optical Technology Letters, 2015, 57, 963-969.	1.4	8
89	Attenuation, dispersion and nonlinearity effects in graphene-based waveguides. Beilstein Journal of Nanotechnology, 2015, 6, 1221-1228.	2.8	6
90	Novel magnetic-dielectric composite ceramic obtained from $\text{Y}_3\text{Fe}_5\text{O}_{12}$ and CaTiO_3 . Journal of Alloys and Compounds, 2015, 644, 763-769.	5.5	39

#	ARTICLE	IF	CITATIONS
91	Dielectric Properties of Ca _{0.7} Bi _{0.3} Ti _{0.7} Cr _{0.3} O ₃ (CBTC)–CaCu ₃ Ti ₄ O ₁₂ (CCTO) Composite. Journal of Electronic Materials, 2015, 44, 295-302.	2.2	11
92	Circularly polarized quarter-cylinder-shaped dielectric resonator antenna using a single probe feed. Microwave and Optical Technology Letters, 2015, 57, 722-726.	1.4	11
93	New magnetic nanobiocomposite based in galactomannan/glycerol and superparamagnetic nanoparticles. Materials Chemistry and Physics, 2015, 156, 113-120.	4.0	10
94	Mach–Zehnder nonlinear interferometer in photonic crystal fibers with nonlinearity profiles. Journal of Nonlinear Optical Physics and Materials, 2015, 24, 1550036.	1.8	7
95	A Study of the Dielectric Properties of Al ₂ O ₃ –TiO ₂ Composite in the Microwave and RF Regions. Journal of Electronic Materials, 2015, 44, 4220-4226.	2.2	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 TiFeNbO ₆ ceramics added Bi ₂ O ₃ . Journal of Materials Science: Materials in Electronics, 2014, 25, 4450-4457.	2.2	2
98	High Contrast Optical –Logic Gates Using a Photonic Crystal Fiber Modulated by PAM-ASK. Journal of Optical Communications, 2014, 35, .	4.7	4
99	Graphene-photonic crystal switch. Optics Communications, 2014, 321, 150-156.	2.1	15
100	Generation of logic gates based on a photonic crystal fiber Michelson interferometer. Optics Communications, 2014, 322, 143-149.	2.1	25
101	Impedance spectroscopy study of Na ₂ Nb ₄ O ₁₁ ceramic matrix by the addition of Bi ₂ O ₃ . Journal of Alloys and Compounds, 2014, 584, 295-302.	5.5	16
102	A nanophotonic switching cell. Journal of Optics (United Kingdom), 2014, 16, 105005.	2.2	1
103	Radiofrequency and microwave properties study of the electroceramic BaBi ₄ Ti ₄ O ₁₅ . Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2014, 182, 37-44.	3.5	16
104	High dielectric permittivity of SrBi ₂ Nb ₂ O ₉ (SBN) added Bi ₂ O ₃ and La ₂ O ₃ . Journal of Electroceramics, 2013, 30, 119-128.	2.0	4
105	High dielectric permittivity and low loss of SrBi ₄ Ti ₄ O ₁₅ with PbO and V ₂ O ₅ additions for RF and microwave applications. Journal of Materials Science: Materials in Electronics, 2013, 24, 3467-3473.	2.2	4
106	Preparation and Study of Bismuth Rare-Earth Tungstate Composite Screen-Printed Thick Films. Journal of Electronic Materials, 2013, 42, 752-760.	2.2	0
107	Experimental and numerical investigation of dielectric resonator antenna based on the BiFeO ₃ ceramic matrix added with Bi ₂ O ₃ or PbO. Journal of Alloys and Compounds, 2013, 576, 324-331.	5.5	9
108	Impedance spectroscopy study of TiO ₂ addition on the ceramic matrix Na ₂ Nb ₄ O ₁₁ . Journal of Materials Science: Materials in Electronics, 2013, 24, 4993-4999.	2.2	6

#	ARTICLE	IF	CITATIONS
109	Realization of All-Optical Logic Gates in a Triangular Triple-Core Photonic Crystal Fiber. Journal of Lightwave Technology, 2013, 31, 731-739.	4.6	41
110	Influence of the polysaccharide galactomannan on the dielectrical characterization of hydroxyapatite ceramic. Composites Part B: Engineering, 2013, 44, 95-99.	12.0	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.	3.3	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 (\bar{f} , f). Journal of Applied Physics, 2012, 112, .	2.5	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.	1.8	11
115	Copper concentration effect in the dielectric properties of BiNbO ₄ for RF applications. Journal of Alloys and Compounds, 2012, 542, 264-270.	5.5	21
116	High dielectric permittivity in the microwave region of SrBi ₂ Nb ₂ O ₉ (SBN) added La ₂ O ₃ , PbO and Bi ₂ O ₃ , obtained by mechanical alloying. Physica Scripta, 2012, 86, 025701.	2.5	8
117	Random photonic crystal optical memory. Journal of Optics (United Kingdom), 2012, 14, 105402.	2.2	2
118	Analysis of the nonlinear optical switching in a Sagnac interferometer with non-instantaneous Kerr effect. Optics Communications, 2012, 285, 1408-1417.	2.1	12
119	Photonic crystal electro-optical switching cell. Optics Communications, 2012, 285, 3195-3201.	2.1	1
120	Study of the performance of dielectric resonator antennas based on the matrix BiREWO ₆ [RE = Gd, Y, Nd]. Microwave and Optical Technology Letters, 2012, 54, 18-23.	1.4	7
121	Ferrimagnetism and Ferroelectricity of the Composite Matrix: SrBi ₂ Nb ₂ O ₉ (SBN)-BaFe ₁₂ Materials Sciences and Applications, 2012, 03, 6-17.		
122	Microwave dielectric properties of Ca(Nb _{2/3} Li _{1/3}) _x Ti _{1-x} O ₃ (CNLTOX). , 2011, , .		0
123	Dielectric resonator antennas based in BiYWO ₆ and operating at 3.3 GHz: Electrical properties study. , 2011, , .		0
124	Microwaves dielectric properties of Y ₃ Fe ₅ O ₁₂ -CaCu ₃ Ti ₄ O ₁₂ 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 Ba ₂ Co ₂ Fe ₁₂ O ₂₂ (Co ₂ Y) doped with Bi ₂ O ₃ . Journal of Applied Physics, 2011, 110, .	2.5	151

#	ARTICLE	IF	CITATIONS
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.	5.5	11
129	Temperature Dependence of the Magnetic and Electric Properties of Ca ₂ Fe ₂ O ₅ Materials Sciences and Applications, 2011, 02, 1349-1353.		
130	Morphological, structural, optical and dielectric properties of 91SiO ₂ :4Li ₂ O:4Nb ₂ O ₅ :1Dy ₂ O ₃ (% mole) glass prepared by sol-gel. Optical Materials, 2011, 33, 1964-1969.	3.6	17
131	Study of the structural and dielectric properties of Bi ₂ O ₃ and PbO addition on BiNbO ₄ ceramic matrix for RF applications. Journal of Materials Science: Materials in Electronics, 2011, 22, 978-987.	2.2	11
132	Photonic crystal optical memory. Applied Physics A: Materials Science and Processing, 2011, 103, 521-524.	2.3	2
133	BiFeO ₃ ceramic matrix with Bi ₂ O ₃ or PbO added: Mössbauer, Raman and dielectric spectroscopy studies. Physica B: Condensed Matter, 2011, 406, 2532-2539.	2.7	31
134	High thermal stability of the microwave dielectric properties of CaTi _{1-x} (Nb _{2/3} Li _{1/3}) ₂ O ₃ alloys. Physica Scripta, 2011, 84, 055701.	2.5	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.	2.5	11
136	HIGH THERMAL STABILITY OF MICROWAVE DIELECTRIC PROPERTIES OF CaTi _{1-x} (Nb _{1/2} Fe _{1/2}) _x O ₃ CERAMICS. Journal of Advanced Dielectrics, 2011, 01, 417-427.	2.4	2
137	Microstructure and magneto-dielectric properties of the chitosan/gelatin-YIG biocomposites. EXPRESS Polymer Letters, 2011, 5, 1041-1049.	2.1	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.	8.3	67
139	Study of the structural, dielectric and magnetic properties of Bi ₂ O ₃ and PbO addition on BiFeO ₃ ceramic matrix. Journal of Physics and Chemistry of Solids, 2010, 71, 1329-1336.	4.0	67
140	Chemically Modified Banana Fiber: Structure, Dielectrical Properties and Biodegradability. Journal of Polymers and the Environment, 2010, 18, 523-531.	5.0	50
141	Spatiotemporal optical solitons in planar waveguide with periodically modulated cubic-quintic nonlinearity. Optical and Quantum Electronics, 2010, 42, 179-192.	3.3	1
142	Dielectric and impedance properties studies of the of lead doped (PbO)-Co ₂ Y type hexaferrite (Ba ₂ Co ₂ Fe ₁₂ O ₂₂ (Co ₂ Y)). Materials Chemistry and Physics, 2010, 123, 35-39.	4.0	108
143	Experimental and numerical investigation of a magnetic resonator antenna based on the M-type hexaferrite (Ba _x Sr _{1-x} Fe ₁₂ O ₁₉). Microwave and Optical Technology Letters, 2010, 52, 452-458.	1.4	7
144	Impedance spectroscopy study of dehydrated chitosan and chitosan containing LiClO ₄ . Physica B: Condensed Matter, 2010, 405, 4439-4444.	2.7	18

#	ARTICLE	IF	CITATIONS
145	Add-Drop Demultiplexer Operating in an Optical Michelson Interferometer Based in Fiber Bragg Gratings for Time Division Multiple Access Systems. <i>Fiber and Integrated Optics</i> , 2010, 29, 239-253.	2.5	3
146	FULL ANALYSIS OF AN ALL-OPTICAL PHOTONIC CRYSTAL SWITCH. <i>International Journal of Nanoscience</i> , 2010, 09, 57-67.	0.7	0
147	New ferrimagnetic biocomposite film based in collagen and yttrium iron garnet. <i>EXPRESS Polymer Letters</i> , 2010, 4, 790-797.	2.1	11
148	Interplay of XPM and nonlinear response time in the modulational instability of copropagating optical pulses. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2010, 27, 1878.	2.1	20
149	Study of the structural and dielectric properties of $x\text{LiFe}_5\text{O}_8 \sim (100 \sim x)$ LiNbO_3 composites, processed using microwave energy. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 602-606.	3.1	6
150	Dielectric and structural properties of $\text{SiO}_2\text{-LiFe}_5\text{O}_8$ glass-ceramics prepared by sol-gel processing. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 607-610.	3.1	4
151	Dielectric spectroscopy of LiNbO_3 and TmNbO_4 nanocrystals embedded in a SiO_2 glass matrix. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 800-804.	3.1	5
152	Study of the dielectric and magnetic properties of Co_2Y , Y-type hexaferrite ($\text{Ba}_2\text{Co}_2\text{Fe}_{12}\text{O}_{22}$) added with PbO and Bi_2O_3 in the RF frequency range. <i>Journal of Alloys and Compounds</i> , 2010, 493, 326-334.	5.5	52
153	All-Optical Half-Adder Using All-Optical XOR and AND Gates for Optical Generation of Σ and Carry . <i>Fiber and Integrated Optics</i> , 2010, 29, 254-271.	2.5	26
154	Studies of the structural and electrical properties of lithium ferrite (LiFe_5O_8). <i>Physica Scripta</i> , 2010, 82, 055702.	2.5	22
155	Structural studies of calcium phosphate doped with titanium and zirconium obtained by high-energy mechanical alloying. <i>Physica Scripta</i> , 2009, 80, 065801.	2.5	5
156	Bulk and patch ferrite resonator antennas based on the ceramic matrix composite: $\text{Gd}_x\text{Y}_{1-x}$. <i>Microwave and Optical Technology Letters</i> , 2009, 51, 1595-1602.	1.4	3
157	Switching cell embedded in photonic crystal. <i>Microsystem Technologies</i> , 2009, 15, 821-825.	2.0	1
158	Studies of the temperature coefficient of capacitance (TCC) of a new electroceramic composite: $\text{Pb}(\text{Fe}_{0.5}\text{Nb}_{0.5})\text{O}_3$ (PFN)- $\text{Cr}_{0.75}\text{Fe}_{1.25}\text{O}_3$ (CRFO). <i>Journal of Materials Science: Materials in Electronics</i> , 2009, 20, 149-156.	2.2	14
159	Structural and electrical study of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ (CCTO) obtained in a new ceramic procedure. <i>Journal of Materials Science: Materials in Electronics</i> , 2009, 20, 163-170.	2.2	42
160	Numerical analysis of the stability of optical bullets ($2\lambda \sim 1$) in a planar waveguide with cubic-quintic nonlinearity. <i>Optical and Quantum Electronics</i> , 2009, 41, 121-130.	3.3	2
161	Soliton-like pulse dynamics in add-drop optical filters based on nonlinear fiber grating couplers. <i>Optical and Quantum Electronics</i> , 2009, 41, 441-452.	3.3	0
162	Optical cryptography under PPM-PAM modulation based in short optical pulses in an acoustic-optic tunable filter (AOTF). <i>Optical and Quantum Electronics</i> , 2009, 41, 963-980.	3.3	12

#	ARTICLE	IF	CITATIONS
163	Structural properties of $\text{CaTi}_{1-x}(\text{Nb}_{2/3}\text{Li}_{1/3})\text{O}_3$ (CNLTO) and $\text{CaTi}_{1-x}(\text{Nb}_{1/2}\text{Ln}_{1/2})\text{O}_3$ (Ln=Fe (CNFTO), Bi) T_j ETQq1 1 0.784314	2.7	7
164	Structural and electrical study of calcium phosphate obtained by a microwave radiation assisted procedure. <i>Physica B: Condensed Matter</i> , 2009, 404, 1503-1508.	2.7	24
165	Synthesis, structure and vibrational properties of $\text{Gd}_{1-x}\text{Y}_{1-x}\text{Fe}_x$ ferrimagnetic ceramic composite. <i>Journal of Physics and Chemistry of Solids</i> , 2009, 70, 202-209.	4.0	55
166	Microstructure and magneto-dielectric properties of ferrimagnetic composite $\text{Gd}_{1-x}\text{Y}_{1-x}\text{Fe}_x$ at radio and microwave frequencies. <i>Journal of Physics and Chemistry of Solids</i> , 2009, 70, 804-810.	4.0	23
167	Structural properties study of the magneto-dielectric composite: $\text{Cr}_{0.75}\text{Fe}_{1.25}\text{O}_3$ (CRFO): $\text{Fe}_{0.5}\text{Cu}_{0.75}\text{Ti}_{0.75}\text{O}_3$ (FCTO). <i>Journal of Alloys and Compounds</i> , 2009, 481, 438-445.	5.5	10
168	All-optical nonlinear switching cell made of photonic crystal. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2009, 26, 1661.	1.5	8
169	Modulational instability in lossless fibers with saturable delayed nonlinear response. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2009, 26, 183.	2.1	38
170	Study of a microwave ferrite resonator antenna, based on a ferrimagnetic composite $(\text{Gd}_{3}\text{Fe}_{5}\text{O}_{12})\text{Gd}_{1-x}(\text{Y}_{3}\text{Fe}_{5}\text{O}_{12})\text{Y}_{1-x}$. <i>IET Microwaves, Antennas and Propagation</i> , 2009, 3, 1191.	1.4	32
171	Magnetic properties study on Fe-doped calcium phosphate. <i>Physica Scripta</i> , 2009, 80, 055706.	2.5	7
172	A performance study of an all-optical logic gate based in PAM-ASK. <i>Journal of Modern Optics</i> , 2009, 56, 1004-1013.	1.3	20
173	Structural study of $\text{Fe}_{2-x}\text{O}_{3-x}$ -doped calcium phosphates obtained by the mechanical milling method. <i>Physica Scripta</i> , 2009, 79, 055601.	2.5	3
174	Magnetic and dielectric properties of the M-type barium strontium hexaferrite $(\text{Ba}_x\text{Sr}_{1-x}\text{Fe}_{12}\text{O}_{19})$ in the RF and microwave (MW) frequency range. <i>Journal of Materials Science: Materials in Electronics</i> , 2009, 20, 408-417.	2.2	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). <i>Journal of Communication and Information Systems</i> , 2009, 24, 40-45.	0.3	1
176	A performance study of a nonlinear all Fibre Michelson interferometer, add-drop multiplexer, based in Fibre Bragg grating mirrors. <i>Optical and Quantum Electronics</i> , 2008, 40, 525-534.	3.3	6
177	Study of Structural and Photoluminescent Properties of $\text{Ca}_8\text{Eu}_2(\text{PO}_4)_6\text{O}_2$. <i>Journal of Fluorescence</i> , 2008, 18, 253-259.	2.5	22
178	Structural studies of a new electroceramic composite: $\text{Pb}(\text{Fe}_{0.5}\text{Nb}_{0.5})\text{O}_3$ (PFN)- $\text{Cr}_{0.75}\text{Fe}_{1.25}\text{O}_3$ (CRFO). <i>Journal of Materials Science</i> , 2008, 43, 75-82.	3.7	7
179	Structural and dielectric spectroscopy studies of the M-type barium strontium hexaferrite alloys $(\text{Ba}_x\text{Sr}_{1-x}\text{Fe}_{12}\text{O}_{19})$ T_j ETQq1 1 0.784314 rgBT / Over	2.2	81
180	Microstructural and electrical properties of PbTiO_3 screen-printed thick films. <i>Journal of Materials Science: Materials in Electronics</i> , 2008, 19, 973-980.	2.2	4

#	ARTICLE	IF	CITATIONS
181	Dielectrical and structural characterization of iron oxide added to hydroxyapatite. Bulletin of Materials Science, 2008, 31, 635-638.	1.7	4
182	Magneto-dielectric properties of the $Y_3Fe_5O_{12}$ and $Gd_3Fe_5O_{12}$ dielectric ferrite resonator antennas. Microwave and Optical Technology Letters, 2008, 50, 2852-2857.	1.4	36
183	Dielectric studies of metal/n-GaN/metal Schottky contact in the radio frequency range. Journal of Crystal Growth, 2008, 310, 3992-3997.	1.5	2
184	Structural and mechanical study of the sintering effect in hydroxyapatite doped with iron oxide. Physica B: Condensed Matter, 2008, 403, 3826-3829.	2.7	21
185	Optical short pulse switching characteristics of ring resonators. Optical Fiber Technology, 2008, 14, 79-83.	2.7	8
186	Experimental and numerical investigation of a ceramic dielectric resonator (DRA): $CaCu_3Ti_4O_{12}$ (CCTO). Physica B: Condensed Matter, 2008, 403, 586-594.	2.7	31
187	Radio-frequency (RF) studies of the magneto-dielectric composites: $Cr_{0.75}Fe_{1.25}O_3$ (CRFO) \leftrightarrow $Fe_{0.5}Cu_{0.75}Ti_{0.75}O_3$ (FCTO). Physica B: Condensed Matter, 2008, 403, 2902-2909.	2.7	17
188	Analysis of an optical logic gate using a symmetric coupler operating with pulse position modulation (PPM). Optics Communications, 2008, 281, 1056-1064.	2.1	19
189	Raman amplification and optical short pulse generation in a waveguide with periodic gain. Optics Communications, 2008, 281, 5804-5810.	2.1	0
190	The dielectric behavior of a thermoelectric treated $B_2O_3 \leftrightarrow Li_2O \leftrightarrow Nb_2O_5$ glass. Journal of Non-Crystalline Solids, 2008, 354, 3408-3413.	3.1	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.	1.4	20
192	Electrical properties of the electroceramic composite in the microwave frequency range: $Pb(Fe_{0.5}Nb_{0.5})O_3$ (PFN) \leftrightarrow $Cr_{0.75}Fe_{1.25}O_3$ (CRFO). Physica Scripta, 2008, 78, 065704.	2.5	3
193	Logic Gates Based in Asymmetric Couplers: Numerical Analysis. Fiber and Integrated Optics, 2007, 26, 217-228.	2.5	13
194	Electrical characterization of $SiO_2:LiNbO_3$ glass and glass \leftrightarrow ceramics using dc conductivity, TSDC measurements and dielectric spectroscopy. Journal of Non-Crystalline Solids, 2007, 353, 4390-4394.	3.1	41
195	Dielectric resonator antenna: Operation of the magnetodielectric composites $Cr_{0.75}Fe_{1.25}O_3$ (CRFO)/ $Fe_{0.5}Cu_{0.75}Ti_{0.75}O_3$ (FCTO). Microwave and Optical Technology Letters, 2007, 49, 409-413.	1.4	9
196	A performance study of a logical gate using PPM optical pulse modulation for TDM systems. Optics Communications, 2007, 275, 476-485.	2.1	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.	2.1	32
198	Electric and dielectric properties of a $SiO_2 \leftrightarrow Na_2O \leftrightarrow Nb_2O_5$ glass subject to a controlled heat-treatment process. Physica B: Condensed Matter, 2007, 396, 62-69.	2.7	40

#	ARTICLE	IF	CITATIONS
199	Dielectric properties of sol-gel derived $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ thin films onto Pt/TiO ₂ /Si(100) substrates. <i>Journal of the European Ceramic Society</i> , 2007, 27, 3829-3833.	5.7	31
200	Chitosan-hydroxyapatite-BIT composite films: Preparation and characterization. <i>Polymer Composites</i> , 2007, 28, 582-587.	4.6	6
201	Composite screen-printed thick films for high dielectric constant devices: $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ - $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ films. <i>Polymer Composites</i> , 2007, 28, 771-777.	4.6	10
202	Logic gates based in two- and three-modes nonlinear optical fiber couplers. <i>Optical and Quantum Electronics</i> , 2007, 39, 1191-1206.	3.3	55
203	Crystallite size study of nanocrystalline hydroxyapatite and ceramic system with titanium oxide obtained by dry ball milling. <i>Journal of Materials Science</i> , 2007, 42, 3851-3855.	3.7	52
204	Electric properties of $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ (BIT)- $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ (CCTO) composite substrates for high dielectric constant devices. <i>Journal of Materials Science</i> , 2007, 42, 2112-2120.	3.7	15
205	Apatite coating on anionic and native collagen films by an alternate soaking process. <i>Acta Biomaterialia</i> , 2007, 3, 773-778.	8.3	53
206	Integrated Acousto-Optical Temperature Sensor. <i>Fiber and Integrated Optics</i> , 2006, 25, 387-402.	2.5	2
207	AC and DC conductivity analysis of hydroxyapatite and titanium calcium phosphate formed by dry ball milling. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 1490-1494.	3.1	27
208	Study of the electric and dielectric properties of SiO_2 - Li_2O - Nb_2O_5 sol-gel glass-ceramics. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 1501-1505.	3.1	12
209	Microwave preparation, structure and electrical properties of calcium-sodium phosphate biosystem. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 3512-3517.	3.1	19
210	Electrical and dielectrical properties of SiO_2 - Li_2O - Nb_2O_5 glass and glass-ceramics obtained by thermoelectric treatments. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 5199-5204.	3.1	27
211	Characterization by X ray diffraction of mechanically alloyed tripotassium sodium sulfate. <i>Materials Research</i> , 2006, 9, 243-246.	1.3	8
212	On the dielectric behaviour of collagen-algal sulfated polysaccharide blends: Effect of glutaraldehyde crosslinking. <i>Biophysical Chemistry</i> , 2006, 120, 154-159.	2.8	32
213	All optical logic gates based on an asymmetric nonlinear directional coupler. <i>Optics Communications</i> , 2006, 262, 32-37.	2.1	81
214	Analytical and numerical studies of the performance of a nonlinear directional fiber coupler with periodically modulated dispersion. <i>Optical Fiber Technology</i> , 2006, 12, 148-161.	2.7	15
215	BaTiO_3 (BTO)- $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ (CCTO) substrates for microwave devices and antennas. <i>Journal of Materials Science</i> , 2006, 41, 4623-4631.	3.7	20
216	Microstrip antenna on a high dielectric constant substrate: BaTiO_3 (BTO)- $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ (CCTO) composite screen-printed thick films. <i>Journal of Electronic Materials</i> , 2006, 35, 1848-1856.	2.2	22

#	ARTICLE	IF	CITATIONS
217	Dielectric relaxation of BaTiO ₃ (BTO)â€“CaCu ₃ Ti ₄ O ₁₂ (CCTO) composite screen-printed thick films at low temperatures. Materials Chemistry and Physics, 2006, 96, 402-408.	4.0	21
218	DC conductivity and dielectric permittivity of collagenâ€“chitosan films. Materials Chemistry and Physics, 2006, 99, 284-288.	4.0	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.	2.5	2
225	Crosstalk and contrast ratio studies of a four stage Machâ€“Zehnder optical fiber demultiplexer. Optical Fiber Technology, 2005, 11, 167-179.	2.7	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.	2.7	14
227	Optical crosstalk in a periodically inhomogeneous nonlinear dispersion directional fiber coupler. Optical Fiber Technology, 2005, 11, 180-192.	2.7	5
228	Hydroxyapatite screen-printed thick films: optical and electrical properties. Materials Chemistry and Physics, 2005, 92, 260-268.	4.0	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.	3.1	32
231	Optical and electrical properties of barium titanate-hydroxyapatite composite screen-printed thick films. Solid State Sciences, 2004, 6, 267-278.	3.2	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.	3.2	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.	2.2	42
234	Raman spectroscopy measurements of hydroxyapatite obtained by mechanical alloying. Journal of Physics and Chemistry of Solids, 2004, 65, 1031-1033.	4.0	46

#	ARTICLE	IF	CITATIONS
235	Properties and in vivo investigation of nanocrystalline hydroxyapatite obtained by mechanical alloying. <i>Materials Science and Engineering C</i> , 2004, 24, 549-554.	7.3	27
236	Dielectric properties of BaTiO ₃ (BTO)–CaCu ₃ Ti ₄ O ₁₂ (CCTO) composite screen-printed thick films for high dielectric constant devices in the medium frequency (MF) range. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2004, 111, 113-123.	3.5	60
237	On the physico-chemical and dielectric properties of glutaraldehyde crosslinked galactomannan–collagen films. <i>Carbohydrate Polymers</i> , 2004, 56, 313-320.	10.2	170
238	Raman scattering and x-ray diffraction studies of polycrystalline CaCu ₃ Ti ₄ O ₁₂ under high-pressure. <i>Physical Review B</i> , 2004, 70, .	3.2	56
239	Numerical Analysis of the Crosstalk on an Integrated Acousto-Optic Tunable Filter (AOTF) for Network Applications. <i>Fiber and Integrated Optics</i> , 2004, 23, 345-363.	2.5	2
240	Dielectric permittivity and loss of hydroxyapatite screen-printed thick films. <i>Journal of Materials Science</i> , 2003, 38, 3713-3720.	3.7	16
241	Structural properties of hydroxyapatite obtained by mechanosynthesis. <i>Solid State Sciences</i> , 2003, 5, 553-558.	3.2	108
242	Electrical and optical properties of CaCu ₃ Ti ₄ O ₁₂ (CCTO) substrates for microwave devices and antennas. <i>Microwave and Optical Technology Letters</i> , 2003, 39, 145-150.	1.4	64
243	On the piezoelectricity of collagen/natural rubber blend films. <i>European Polymer Journal</i> , 2003, 39, 1267-1272.	5.4	10
244	Nonlinear optical waveguide coupling with planar solitonic field profile. <i>Optics Communications</i> , 2003, 221, 63-71.	2.1	0
245	PICOSECOND PULSE SWITCHING IN AN ACOUSTO-OPTIC TUNABLE FILTER (AOTF) WITH LOSS. <i>Nonlinear Optics, Quantum Optics</i> , 2002, 29, 79-97.	0.2	6
246	Study of the electrical conductivity and piezoelectricity in iron doped collagen films. <i>Solid State Sciences</i> , 2002, 4, 43-51.	3.2	8
247	Interchannel crosstalk on the acousto-optic tunable filter (AOTF) for network applications. <i>Microwave and Optical Technology Letters</i> , 2002, 35, 230-235.	1.4	4
248	The optical and ⁵⁷ Fe Mössbauer spectra of lithium diborate (Li ₂ B ₄ O ₇) in borophosphate glass-ceramics. <i>Physica B: Condensed Matter</i> , 2002, 322, 276-288.	2.7	13
249	Structural properties of CaCu ₃ Ti ₄ O ₁₂ obtained by mechanical alloying. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2002, 96, 275-283.	3.5	81
250	On the piezoelectricity of anionic collagen films. <i>Journal of Physics and Chemistry of Solids</i> , 2002, 63, 465-470.	4.0	18
251	Optical properties of hydroxyapatite obtained by mechanical alloying. <i>Journal of Physics and Chemistry of Solids</i> , 2002, 63, 1745-1757.	4.0	34
252	Photonic time-division multiplexing (OTDM) using ultrashort picosecond pulses in a terahertz optical asymmetric demultiplexer (TOAD). <i>Optics Communications</i> , 2002, 205, 299-312.	2.1	7

#	ARTICLE	IF	CITATIONS
253	Acousto-optic tunable filter (AOTF) with increasing non-linearity and loss. Optics Communications, 2002, 208, 415-426.	2.1	9
254	Electrical and dielectrical properties of the percolating system polystyrene/polypyrrole particles. European Polymer Journal, 2002, 38, 1495-1499.	5.4	42
255	Study of the piezoelectricity in iron-doped collagen films. Journal of Materials Science: Materials in Electronics, 2002, 13, 157-165.	2.2	2
256	Piezoelectric properties of collagen-nanocrystalline hydroxyapatite composites. Journal of Materials Science, 2002, 37, 2061-2070.	3.7	39
257	Properties of nanoparticles of Bi ₁₂ GeO ₂₀ (BGO) obtained by ball milling. Journal of Materials Science Letters, 2002, 21, 963-965.	0.5	4
258	Structural studies of lithium triborate (LBO—LiB ₃ O ₅) in borophosphate glass-ceramics. Solid State Sciences, 2001, 3, 829-838.	0.7	37
259	Inhibitory properties of calcium exchanged silica epoxy paintings. Corrosion Science, 2001, 43, 2291-2303.	6.6	40
260	On the piezoelectricity of collagen—chitosan films. Physical Chemistry Chemical Physics, 2001, 3, 4154-4157.	2.8	37
261	An ultra stable glass system for optical fiber devices. Physical Chemistry Chemical Physics, 2001, 3, 613-615.	2.8	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.	3.5	12
263	Collagen—hydroxyapatite films: piezoelectric properties. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2001, 86, 210-218.	3.5	54
264	Ultra-short pulse propagation in a lossy acousto-optic tunable filter (AOTF). Microwave and Optical Technology Letters, 2001, 28, 346-350.	1.4	0
265	Optical properties of Bi ₁₂ SiO ₂₀ (BSO) and Bi ₁₂ TiO ₂₀ (BTO) obtained by mechanical alloying. Journal of Materials Science, 2001, 36, 587-592.	3.7	45
266	Analysis of Ultrashort Pulse Switching in an Acousto-optic Tunable Filter (AOTF) with Loss. Journal of Optical Communications, 2001, 22, .	4.7	2
267	Structural properties of lithium borate glasses doped with rare earth ions. Ceramica, 2001, 47, 88-93.	0.8	6
268	Up-conversion pumped light amplification with temperature tunable gain in Er ³⁺ /Yb ³⁺ -codoped chalcogenide glasses. Journal of Luminescence, 2000, 87-89, 1020-1022.	3.1	11
269	Structural studies of KNbO ₃ in niobate glass-ceramics. Journal of Physics and Chemistry of Solids, 2000, 61, 899-906.	4.0	33
270	Optical time-division multiplexing using picosecond solitons in a terahertz optical asymmetric demultiplexer. Optics Communications, 2000, 186, 87-97.	2.1	5

#	ARTICLE	IF	CITATIONS
271	Multistable all-optical switching behavior of the asymmetric nonlinear directional coupler. Optics Communications, 2000, 173, 413-421.	2.1	14
272	Ultrafast Optical Switching in a Nonlinear Loop Mirror Constructed from Dispersion Decreasing Fiber. Journal of Optical Communications, 1999, 20, .	4.7	2
273	Thermally induced threefold upconversion emission enhancement in nonresonant excited Er ³⁺ /Yb ³⁺ -codoped chalcogenide glass. Applied Physics Letters, 1999, 74, 3607-3609.	3.3	87
274	Analysis of soliton switching in dispersion-decreasing fiber couplers. Optics Communications, 1999, 171, 351-364.	2.1	34
275	Soliton and quasi-soliton switching in nonlinear optical loop mirror constructed from dispersion decreasing fiber. Optics Communications, 1999, 163, 292-300.	2.1	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 LiNbO ₃ 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 ³⁺ and Er ³⁺ /Yb ³⁺ -doped chalcogenide glasses. IEEE Journal of Quantum Electronics, 1999, 35, 395-399.	1.9	90
281	Raman and infrared spectra of KNbO ₃ in niobate glass-ceramics. Journal of Physics Condensed Matter, 1999, 11, 4451-4460.	1.8	53
282	Piezoelectric and Dielectric Properties of Collagen Films. Physica Status Solidi A, 1999, 176, 1077-1083.	1.7	0
283	Piezoelectric lithium niobate obtained by mechanical alloying. Journal of Materials Science Letters, 1998, 17, 449-451.	0.5	44
284	Title is missing!. Journal of Materials Science Letters, 1998, 17, 497-499.	0.5	8
285	Raman and infrared spectroscopy studies of LiNbO ₃ in niobate glass-ceramics. Journal of Physics and Chemistry of Solids, 1998, 59, 689-694.	4.0	32
286	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
287	All-optical soliton switching in three-core nonlinear fiber couplers. Optics Communications, 1998, 145, 281-290.	2.1	31
288	Optimum self phase modulation profile for nonlinear transmission recovery in twin core optical couplers with loss. Optics Communications, 1998, 151, 31-34.	2.1	21

#	ARTICLE	IF	CITATIONS
289	Pulse position modulation (PPM) of ultrashort pulse trains in optical fibers. Optics Communications, 1998, 152, 59-64.	2.1	6
290	Infrared to visible up-conversion fluorescence spectroscopy in Er ³⁺ -doped chalcogenide glass. Journal of Luminescence, 1998, 78, 271-277.	3.1	29
291	Infrared to visible frequency upconversion in erbium-doped Ga ₂ S ₃ -La ₂ O ₃ chalcogenide glass. Optical Materials, 1998, 10, 241-244.	3.6	11
292	Soliton switching in three-core nonlinear directional fiber couplers. Journal of Applied Physics, 1998, 84, 1834-1842.	2.5	45
293	Structure of iron niobophosphate glasses investigated by DTA, infrared and Mössbauer spectroscopy. Journal of Physics Condensed Matter, 1998, 10, 7511-7518.	1.8	5
294	Optical temperature sensing using upconversion fluorescence emission in Er ³⁺ /Yb ³⁺ -codoped chalcogenide glass. Applied Physics Letters, 1998, 73, 578-580.	3.3	206
295	Frequency upconversion in Er ³⁺ /Yb ³⁺ -codoped chalcogenide glass. Applied Physics Letters, 1998, 72, 753-755.	3.3	141
296	Upconversion fluorescence spectroscopy of Er ³⁺ /Yb ³⁺ -doped heavy metal Bi ₂ O ₃ -Na ₂ O-Nb ₂ O ₅ -GeO ₂ glass. Journal of Applied Physics, 1998, 83, 604-606.	2.5	123
297	Structure and electrical properties of lithium niobophosphate glasses. Canadian Journal of Physics, 1997, 75, 747-758.	1.1	16
298	Multiwavelength frequency-doubling in bulk gallium-lanthanum-sulphide glasses for optical fiber amplifiers at 1.3 μm. Optical Materials, 1997, 7, 1-7.	3.6	13
299	Spectroscopic Studies of Iron Niobophosphate Glasses. Physica Status Solidi A, 1997, 162, 515-523.	1.7	8
300	Efficient second-harmonic generation in praseodymium-doped Ga:La:S glass for 1.3-μm optical fiber amplifiers. IEEE Photonics Technology Letters, 1996, 8, 821-823.	2.5	10
301	Reversible non-linear electrical switching in CdTeS-doped glass. Journal of Materials Science, 1996, 31, 3601-3604.	3.7	1
302	Structure and optical properties of lithium niobium-phosphate glasses and glass ceramics. Physica Status Solidi (B): Basic Research, 1996, 197, 231-240.	1.5	27
303	Crystallization of ferroelectric LiNbO ₃ in niobophosphate glasses. Physica Scripta, 1996, 53, 104-107.	2.5	9
304	Nonlinear electrical switching in CdTeS doped glass. Physica Scripta, 1996, 53, 631-634.	2.5	0
305	Propagation of Light in Doped Media with Regular and Random Distributed Clusters. , 1996, , 433-434.		0
306	Kilohertz Relaxation Process in Linbo ₃ :Fe Single Crystals. Physica Status Solidi A, 1995, 147, 585-589.	1.7	6

#	ARTICLE	IF	CITATIONS
307	The properties and crystallization of LiNbO ₃ in lithium niobophosphate glasses. Journal of Physics Condensed Matter, 1995, 7, 9723-9730.	1.8	17
308	Nonlinear switching in semiconductor (CdS ₂ Se) doped glass. Solid State Communications, 1993, 88, 305-308.	1.9	11
309	Electrical properties of LiKSO ₄ crystals at low temperatures. Solid State Communications, 1993, 87, 959-962.	1.9	8
310	Optical bistability and nonlinear switching in CdS ₂ Se microcrystallite-doped glass. Solid State Communications, 1992, 82, 805-808.	1.9	7
311	Bistable pulse collisions of the cubic-quintic nonlinear Schrödinger equation. Optics Communications, 1992, 94, 92-98.	2.1	36
312	Low-frequency relaxation processes in LiNbO ₃ : Fe single crystals. Optical Materials, 1992, 1, 59-63.	3.6	6
313	Dielectric Relaxation Process and Pyroelectric Currents in LiNbO ₃ : Fe Single Crystals. Physica Status Solidi A, 1991, 125, 723-729.	1.7	15
314	Femtosecond soliton amplification in erbium doped silica fibre. Electronics Letters, 1990, 26, 186.	1.0	42
315	Pump and probe spectroscopy of a Cr ³⁺ -doped glass. Solid State Communications, 1990, 76, 183-186.	1.9	0
316	Amplification of Picosecond Pulses in Neodymium-doped Single-mode Optical Fibres. Journal of Modern Optics, 1989, 36, 1143-1150.	1.3	2
317	Picosecond pulse amplification in a single mode neodymium doped fibre. AIP Conference Proceedings, 1989, , .	0.4	0
318	A Nd: Yag laser pumped soliton self-frequency shifter. Optics Communications, 1988, 68, 139-142.	2.1	8
319	Subpicosecond-pulse generation through cross-phase-modulation-induced modulational instability in optical fibers. Optics Letters, 1988, 13, 901.	3.3	50
320	Picosecond pulse switching in a lossy acousto-optic tunable filter (AOTF). , 0, , .		0
321	Pulse position modulation (PPM) of ultrashort pulse trains in optical fibres. , 0, , .		1
322	Nonlinear switching recovery in planar directional coupler with loss. , 0, , .		0
323	Ultrafast optical switching in a nonlinear loop mirror (NOLM) constructed from dispersion decreasing fiber (DDF). , 0, , .		0
324	Dispersion profile studies on twin core directional fiber couplers. , 0, , .		0

#	ARTICLE	IF	CITATIONS
325	Time-division multiplexing (OTDM) using ultrashort picosecond pulses in a terahertz optical asymmetric demultiplexer (TOAD). , 0, , .		0
326	A Review on Ba _x Sr _{1-x} Fe ₁₂ O ₁₉ Hexagonal Ferrites for use in Electronic Devices. Solid State Phenomena, 0, 202, 1-64.	0.3	18
327	Yttrium Iron Garnet: Properties and Applications Review. Solid State Phenomena, 0, 202, 65-96.	0.3	102
328	Microwave Dielectric Properties of Ba ₅ Li ₂ W ₃ O ₁₅ Ceramic with Excess Lithium for Dielectric Resonator Antenna Application. Journal of Electronic Materials, 0, , 1.	2.2	2