

Antonio Bento

List of Publications by Year in descending order

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153
papers

3,198
citations

147801

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all docs

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docs citations

154
times ranked

2826
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoacoustic for thermal diffusivity determination of fish scale: A methodology for environmental integrity monitoring. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 227, 112379.	3.8	1
2	Thin-film of Nd ³⁺ –Yb ³⁺ co-doped low silica calcium aluminosilicate glass grown by a laser deposition technique. <i>Journal of Applied Physics</i> , 2022, 131, 055304.	2.5	4
3	Photoacoustic and photothermal and the photovoltaic efficiency of solar cells: A tutorial. <i>Journal of Applied Physics</i> , 2022, 131, .	2.5	6
4	Evaluation of a multiple microemulsion from <i>Trichilia catigua</i> extract and the percutaneous penetration through skin by Phase-Resolved photoacoustic spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 275, 121152.	3.9	0
5	Dynamics of the natural genesis of β -TCP/HAp phases in postnatal fishbones towards gold standard biocomposites for bone regeneration. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 279, 121407.	3.9	5
6	Influence of agronomic and kernel-related properties on popping expansion in popcorn. <i>Agronomy Journal</i> , 2021, 113, 2260-2272.	1.8	5
7	Eu ^{2+,3+} /Pr ³⁺ co-doped calcium aluminosilicate glass for tunable white lighting devices. <i>Journal of Alloys and Compounds</i> , 2020, 817, 153319.	5.5	9
8	Immune response and Raman scattering assessment in rats skin after contact with <i>Fusarium oxysporum</i> metabolites. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 234, 118246.	3.9	5
9	Enhanced and tunable white light emission from Ag nanoclusters and Eu ³⁺ -co-doped CaAl glasses. <i>RSC Advances</i> , 2018, 8, 35263-35270.	3.6	20
10	Use of Photoacoustic Spectroscopy to Evaluate Photosensitizer Penetration into Dentin. , 2018, , .		0
11	Chemical Interaction Analysis of an Adhesive Containing 10-Methacryloyloxydecyl Dihydrogen Phosphate (10-MDP) With the Dentin in Noncarious Cervical Lesions. <i>Operative Dentistry</i> , 2017, 42, 357-366.	1.2	17
12	Thermal Lens Temperature Scanning technique for evaluation of oxidative stability and time of transesterification during biodiesel synthesis. <i>Fuel</i> , 2017, 202, 78-84.	6.4	13
13	Effects of Al ³⁺ concentration on the optical, structural, photocatalytic and cytotoxic properties of Al-doped ZnO. <i>Journal of Alloys and Compounds</i> , 2017, 729, 978-987.	5.5	35
14	Evaluation of Photoprotective Potential and Percutaneous Penetration by Photoacoustic Spectroscopy of the <i>Schinus terebinthifolius</i> Raddi Extract. <i>Photochemistry and Photobiology</i> , 2015, 91, 558-566.	2.5	22
15	Emission tunability and local environment in europium-doped OH ⁻ -free calcium aluminosilicate glasses for artificial lighting applications. <i>Materials Chemistry and Physics</i> , 2015, 156, 214-219.	4.0	25
16	Effective Thermal Diffusivity Study of Powder Biocomposites via Photoacoustic Method. <i>Brazilian Journal of Physics</i> , 2015, 45, 525-531.	1.4	0
17	Zinc oxide composites prepared by in situ process: UV barrier and luminescence properties. <i>Materials Letters</i> , 2014, 125, 75-77.	2.6	4
18	Simulation of solar Curie wheel using NiFe alloy and Gd. <i>International Journal of Refrigeration</i> , 2014, 37, 215-222.	3.4	11

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19	Hydrogen Peroxide Diffusion Dynamics in Dental Tissues. Journal of Dental Research, 2013, 92, 661-665.	5.2	63
20	Composition Influence on the Thermo-optical Properties and Luminescence Efficiency of Europium-Doped Calcium Aluminosilicate Glasses. International Journal of Thermophysics, 2013, 34, 1666-1672.	2.1	7
21	Photosensitizer and light diffusion through dentin in photodynamic therapy. Journal of Biomedical Optics, 2013, 18, 055004.	2.6	18
22	Non-destructive thermal wave method applied to study thermal properties of fast setting time endodontic cement. Journal of Applied Physics, 2013, 114, 194701.	2.5	0
23	Photoacoustic methods for in vitro study of kinetics progesterone release from the biodegradation of polyhydroxybutyrate/polycaprolactone used as intravaginal devices. Applied Physics Letters, 2013, 103, .	3.3	1
24	Ultraviolet (UVB and UVA) Photoprotector Activity and Percutaneous Penetration of Extracts Obtained from <i>Arrabidaea chica</i> . Applied Spectroscopy, 2013, 67, 1179-1184.	2.2	9
25	Broad combined orange-red emissions from Eu ²⁺ and Eu ³⁺ -doped low-silica calcium aluminosilicate glass. Optics Express, 2012, 20, 12658.	3.4	30
26	Tunable color temperature of Ce ³⁺ /Eu ²⁺ , 3+ co-doped low silica aluminosilicate glasses for white lighting. Optics Express, 2012, 20, 10034.	3.4	35
27	Open photoacoustic cell for thermal diffusivity measurements of a fast hardening cement used in dental restoring. Journal of Applied Physics, 2012, 111, .	2.5	17
28	Energy-level and optical properties of nitrogen doped TiO ₂ : An experimental and theoretical study. Applied Physics Letters, 2011, 99, .	3.3	16
29	Synthesis and characterization of ZnO/PET composite using supercritical carbon dioxide impregnation technology. Composites Part A: Applied Science and Manufacturing, 2011, 42, 757-761.	7.6	22
30	Thermal diffusivity of periderm from tomatoes of different maturity stages as determined by the concept of the frequency-domain open photoacoustic cell. Journal of Applied Physics, 2011, 109, .	2.5	13
31	Material characterization with top-hat cw laser induced photothermal techniques: A short review. Journal of Physics: Conference Series, 2010, 214, 012014.	0.4	4
32	An open-photoacoustic-cell method for thermal characterization of a two-layer system. Journal of Applied Physics, 2010, 107, .	2.5	33
33	Study on the observation of Eu ²⁺ and Eu ³⁺ valence states in low silica calcium aluminosilicate glasses. Journal of Physics Condensed Matter, 2010, 22, 055601.	1.8	15
34	Optical band-gap determination of nanostructured WO ₃ film. Applied Physics Letters, 2010, 96, .	3.3	281
35	High values of gain cross section and luminescence quantum efficiency in OH ⁻ -free Ti ³⁺ -doped low-silica calcium aluminosilicate glass. Optics Letters, 2010, 35, 1055.	3.3	8
36	Photoacoustic spectroscopy as a tool for determination of food dyes: Comparison with first derivative spectrophotometry. Talanta, 2010, 81, 202-207.	5.5	91

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37	Preparation, Characterization, and Spectroscopic Properties of PC/PMMA Doped Blends: Study of the Effect of Rare-Earth Doping on Luminescence, Quenching Rate, and Lifetime Enhancement. Journal of Physical Chemistry B, 2010, 114, 5657-5660.	2.6	27
38	Influence of temperature and excitation procedure on the athermal behavior of Nd ³⁺ -doped phosphate glass: Thermal lens, interferometric, and calorimetric measurements. Journal of Applied Physics, 2009, 106, .	2.5	6
39	Investigation of doped calcium aluminosilicate glass: A coupling between thermal-expansion and thermal-diffusion models for assessment of nonradiative relaxation time and characteristic diffusion time. Journal of Applied Physics, 2009, 106, .	2.5	6
40	Top-hat cw laser induced thermal mirror: a complete model for material characterization. Applied Physics B: Lasers and Optics, 2009, 94, 473-481.	2.2	19
41	A step forward toward smart white lighting: Combination of glass phosphor and light emitting diodes. Applied Physics Letters, 2009, 95, .	3.3	46
42	A Step Forward Towards Smart White Lighting: Combination of Glass Phosphor and Blue LEDs. ECS Transactions, 2009, 25, 237-246.	0.5	1
43	Photoacoustic investigation of copaiba oil. European Physical Journal: Special Topics, 2008, 153, 523-526.	2.6	4
44	Spectroscopic assignments of Ti^{3+} and Ti^{4+} in titanium-doped. Physical Review B, 2008, 78, .	3.2	28
45	Relations among nonbridging oxygen, optical properties, optical basicity, and color center formation in CaO-MgO aluminosilicate glasses. Journal of Applied Physics, 2008, 104, .	2.5	68
46	Time resolved thermal lens measurements of the thermo-optical properties of Nd ₂ O ₃ -doped low silica calcium aluminosilicate glasses down to 4.3K. Journal of Non-Crystalline Solids, 2008, 354, 574-579.	3.1	12
47	Preparation of Nd ₂ O ₃ -doped calcium aluminosilicate glasses and thermo-optical and mechanical characterization. Journal of Non-Crystalline Solids, 2008, 354, 4749-4754.	3.1	25
48	Cobalt, nickel and ruthenium-silica based materials synthesized by the sol-gel method. Journal of Non-Crystalline Solids, 2008, 354, 4811-4815.	3.1	9
49	Top-hat cw-laser-induced time-resolved mode-mismatched thermal lens spectroscopy for quantitative analysis of low-absorption materials. Optics Letters, 2008, 33, 1464.	3.3	28
50	Angular dependence of the thermal-lens effect on LiSrAlF ₆ and LiSrGaF ₆ single crystals. Optics Letters, 2008, 33, 1720.	3.3	7
51	Thermal lens and interferometric method for glass transition and thermo physical properties measurements in Nd ₂ O ₃ doped sodium zincborate glass. Optics Express, 2008, 16, 21248.	3.4	7
52	Numerical approach to determine the elastic modulus of sintered natural hydroxyapatite. Journal of Applied Physics, 2008, 104, .	2.5	2
53	Study of anisotropy in the temperature coefficient of the optical path length of axial single crystals using an interferometric technique. Journal Physics D: Applied Physics, 2008, 41, 245406.	2.8	1
54	Long Fluorescence Lifetime of Ti^{3+} in Low Silica Calcium Aluminosilicate Glass. Physical Review Letters, 2008, 100, 027402.	3.8	46

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55	Nanoscale surface displacement detection in high absorbing solids by time-resolved thermal mirror. Applied Physics Letters, 2008, 92, .	3.3	37
56	Thermal lens study of energy transfer in Yb ³⁺ /Tm ³⁺ -co-doped glasses. Optics Express, 2007, 15, 9232.	3.4	24
57	Temperature and wavelength dependence of the thermo-optical properties of tellurite and chalcogenide glasses. Journal of Applied Physics, 2007, 102, 073507.	2.5	7
58	Time-resolved thermal mirror for nanoscale surface displacement detection in low absorbing solids. Applied Physics Letters, 2007, 91, .	3.3	52
59	Semiclassical approximation for the specific heat of non-crystalline solids at intermediate temperatures. Philosophical Magazine, 2007, 87, 291-297.	1.6	6
60	Thermal properties of natural nanostructured hydroxyapatite extracted from fish bone waste. Journal of Applied Physics, 2007, 101, 084701.	2.5	52
61	Behavior of oxidation in the radiochromic gel dosimeter through photoacoustic technique measurements. Applied Radiation and Isotopes, 2007, 65, 605-609.	1.5	13
62	Thermal Characterization In Vitro of Human Nail: Photoacoustic Study of the Aging Process. Photochemistry and Photobiology, 2007, 83, 1144-1148.	2.5	18
63	Percutaneous Penetration, Melanin Activation and Toxicity Evaluation of a Phytotherapeutic Formulation for Vitiligo Therapeutic. Photochemistry and Photobiology, 2007, 83, 1529-1536.	2.5	10
64	Fricke xylenol gel characterization using a photoacoustic technique. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 582, 484-488.	1.6	18
65	Characterization of natural nanostructured hydroxyapatite obtained from the bones of Brazilian river fish. Journal of Applied Physics, 2006, 100, 094312.	2.5	53
66	Phononâ€™roton-like elementary excitations and low-temperature behaviour of non-crystalline solids. Philosophical Magazine, 2006, 86, 227-235.	1.6	14
67	Thermo Optical Properties of Transparent PLZT 10/65/35 Ceramics. Ferroelectrics, 2006, 336, 191-196.	0.6	8
68	Thermal Lens and pH Measurements in Pure and Adulterated Brewed Coffee. Instrumentation Science and Technology, 2006, 34, 163-181.	1.8	8
69	Boson elementary excitations and the specific heat of non-crystalline solids: A short review. Journal of Non-Crystalline Solids, 2006, 352, 3368-3379.	3.1	3
70	Thermo-optical characterization of tellurite glasses by thermal lens, thermal relaxation calorimetry and interferometric methods. Journal of Non-Crystalline Solids, 2006, 352, 3603-3607.	3.1	30
71	Low temperature specific heat of doped and undoped glasses. Journal of Non-Crystalline Solids, 2006, 352, 3572-3576.	3.1	5
72	Characterization of thermo-optical and mechanical properties of calcium aluminosilicate glasses. Journal of Non-Crystalline Solids, 2006, 352, 3613-3617.	3.1	49

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73	Luminescence quantum efficiency investigation of low silica calcium aluminosilicate glasses doped with Eu ₂ O ₃ by thermal lens spectrometry. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 3624-3627.	3.1	9
74	Spectroscopic properties of polycarbonate and poly(methyl methacrylate) blends doped with europium (III) acetylacetonate. <i>Journal of Luminescence</i> , 2006, 117, 61-67.	3.1	24
75	Photoacoustic spectroscopy to determine the optical properties of thin film 4H-SiC. <i>Thin Solid Films</i> , 2006, 515, 2821-2823.	1.8	12
76	Real-time quantitative investigation of photochemical reaction using thermal lens measurements: Theory and experiment. <i>Journal of Applied Physics</i> , 2006, 100, 044906.	2.5	38
77	Band gap energy determination by photoacoustic spectroscopy under continuous light excitation. <i>Applied Physics Letters</i> , 2006, 89, 231926.	3.3	17
78	Photoacoustic spectroscopy to evaluate the penetration rate of three different sunscreens into human skin in vivo. <i>European Physical Journal Special Topics</i> , 2005, 125, 757-759.	0.2	9
79	Photoacoustic spectroscopy to evaluate the penetration of two antifungal agents through the human nail. <i>European Physical Journal Special Topics</i> , 2005, 125, 631-633.	0.2	7
80	Open Photoacoustic Cell study of thermal diffusivity of Nafion [®] as a function of water content. <i>European Physical Journal Special Topics</i> , 2005, 125, 383-386.	0.2	4
81	Photoacoustic Characterization of PC/PMMA blends doped with Eu(acac) ₃ . <i>European Physical Journal Special Topics</i> , 2005, 125, 387-390.	0.2	2
82	Photoacoustic spectroscopy to evaluate the potentiality of bee-propolis as UV protector: In vivo test in humans. <i>European Physical Journal Special Topics</i> , 2005, 125, 681-683.	0.2	0
83	Influence of probe beam multi-reflection on thermal lens measurements: Application to Nd:YAG rods. <i>European Physical Journal Special Topics</i> , 2005, 125, 189-191.	0.2	0
84	Thermo-optical properties of iron-doped low silica calcium aluminosilicate glasses determined by photothermal methods. <i>European Physical Journal Special Topics</i> , 2005, 125, 197-199.	0.2	0
85	Human nail thermal diffusivity obtained using the open photoacoustic cell technique. <i>European Physical Journal Special Topics</i> , 2005, 125, 657-660.	0.2	6
86	Thermal lens and photoacoustic spectroscopy to determine the thermo-optical properties of semiconductors. <i>European Physical Journal Special Topics</i> , 2005, 125, 181-183.	0.2	0
87	Photoacoustic spectroscopy and thermal relaxation method to evaluate corn moisture content. <i>European Physical Journal Special Topics</i> , 2005, 125, 857-860.	0.2	0
88	Attempt for percentile analysis of food colorants with photoacoustic method. <i>European Physical Journal Special Topics</i> , 2005, 125, 829-832.	0.2	2
89	Photoacoustic response in a multivariable dyeing process: Comparison between conventional aqueous and supercritical CO ₂ used for impregnating PET films. <i>European Physical Journal Special Topics</i> , 2005, 125, 613-615.	0.2	1
90	Thermal properties of thin acrylic paints using thermal wave interferometry. <i>European Physical Journal Special Topics</i> , 2005, 125, 519-522.	0.2	1

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91	Optimization of dyeing variables in PET: Using thermal diffusivity response as a probe in a multivariable algorithm. <i>European Physical Journal Special Topics</i> , 2005, 125, 573-576.	0.2	0
92	Production of Thermoplastic Towpregs and Towpreg-Based Composites. , 2005, , 189-213.		3
93	Statistical Design of Experiments: Study of Cross-Linking Process through the Phase-Resolved Photoacoustic Method as a Multivariable Response. <i>Applied Spectroscopy</i> , 2005, 59, 173-180.	2.2	7
94	Temperature dependence of the thermo-optical properties of KDP single crystal measured by thermal relaxation and thermal lens methods. <i>European Physical Journal Special Topics</i> , 2005, 125, 391-394.	0.2	2
95	The effect of porosity on thermal properties: towards a threshold of particle contact in sintered stainless steel. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 1239-1249.	1.8	10
96	Time-resolved thermal lens measurements of the thermo-optical properties of glasses at low temperature down to 20 K. <i>Physical Review B</i> , 2005, 71, .	3.2	56
97	Fluorescence quantum efficiency in Nd ₂ O ₃ -doped aluminosilicate glasses by multiwavelength thermal lens method. <i>European Physical Journal Special Topics</i> , 2005, 125, 185-187.	0.2	3
98	Thermal lens determination of fluorescence quantum efficiency of ³ F ₄ level of Tm ³⁺ ions in solids. <i>European Physical Journal Special Topics</i> , 2005, 125, 193-196.	0.2	2
99	Comparison between TWI and OPC techniques for studying porous metallic slabs. <i>European Physical Journal Special Topics</i> , 2005, 125, 569-572.	0.2	0
100	High fluorescence quantum efficiency of 1.8â€¼m emission in Tm-doped low silica calcium aluminate glass determined by thermal lens spectrometry. <i>Applied Physics Letters</i> , 2004, 84, 359-361.	3.3	26
101	Observation of laser induced photochemical reaction of Cr(VI) species in water during thermal lens measurements. <i>Chemical Physics Letters</i> , 2004, 396, 221-225.	2.6	18
102	Time-resolved thermal lens determination of the thermo-optical coefficients in Nd-doped yttrium aluminum garnet as a function of temperature. <i>Applied Physics Letters</i> , 2004, 84, 5183-5185.	3.3	12
103	The temperature coefficient of the optical path length as a function of the temperature in different optical glasses. <i>Journal of Non-Crystalline Solids</i> , 2004, 348, 240-244.	3.1	37
104	Study of layered and defective amorphous solids by means of thermal wave method. <i>Journal of Non-Crystalline Solids</i> , 2003, 318, 314-321.	3.1	5
105	Photoacoustic spectroscopy to evaluate the penetration of sunscreens into human skin in vivo: A statistic treatment. <i>Review of Scientific Instruments</i> , 2003, 74, 758-760.	1.3	16
106	Microstructure effects on the thermal properties of vacuum sintered AISI 316L stainless steel. <i>Review of Scientific Instruments</i> , 2003, 74, 716-718.	1.3	1
107	Study of cross-linking process in grafted polyethylene and ethylene based copolymer using a phase resolved photoacoustic method. <i>Review of Scientific Instruments</i> , 2003, 74, 325-327.	1.3	8
108	Thermal diffusivity anisotropy in calamitic-nematic lyotropic liquid crystal. <i>Review of Scientific Instruments</i> , 2003, 74, 822-824.	1.3	8

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109	Thermal lens temperature scanning for quantitative measurements in transparent materials (invited). Review of Scientific Instruments, 2003, 74, 291-296.	1.3	4
110	Temperature dependence of the thermo-optical properties of water determined by thermal lens spectrometry. Review of Scientific Instruments, 2003, 74, 808-810.	1.3	25
111	Time resolved thermal lens in edible oils. Review of Scientific Instruments, 2003, 74, 694-696.	1.3	18
112	Photoacoustic study of PET films and fibers dyed in supercritical CO ₂ reactor. Review of Scientific Instruments, 2003, 74, 328-330.	1.3	7
113	Photoacoustic study of cross-linking process in grafted polymer and copolymer based on ethylene and vinyltrimethoxy silane. Journal Physics D: Applied Physics, 2002, 35, 3240-3248.	2.8	8
114	Photoacoustic spectroscopy for monitoring the dyeing process of poly(ethylene terephthalate). Analyst, The, 2002, 127, 310-314.	3.5	4
115	Temperature dependence of fluorescence quantum efficiency of optical glasses determined by thermal lens spectrometry. Journal of Non-Crystalline Solids, 2002, 304, 244-250.	3.1	15
116	Thermal relaxation method to determine the specific heat of optical glasses. Journal of Non-Crystalline Solids, 2002, 304, 299-305.	3.1	43
117	Thermal lens versus DTA measurements for glass transition analysis of fluoride glasses. Journal of Non-Crystalline Solids, 2002, 304, 315-321.	3.1	17
118	Monitoring the depth penetration of dyes in poly (ethylene terephthalate) films using a two layer based photoacoustic model. Brazilian Journal of Physics, 2002, 32, 516-522.	1.4	5
119	Thermal lens temperature scanning for quantitative measurements in complex fluids. Brazilian Journal of Physics, 2002, 32, 575-583.	1.4	13
120	On the application of the photoacoustic methods for the determination of thermo-optical properties of polymers. Brazilian Journal of Physics, 2002, 32, 483-494.	1.4	31
121	The photoacoustic spectroscopy applied in the characterization of the cross-linking process in polymeric materials. Brazilian Journal of Physics, 2002, 32, 523-530.	1.4	6
122	Piezo- and pyroelectric photothermal characterization of polymers as a function of temperature. Journal of Applied Polymer Science, 2001, 82, 2669-2678.	2.6	4
123	Temperature dependence of the Cr ³⁺ site axial distortion in LiSrAlF ₆ and LiSrGaF ₆ single crystals. Journal of Physics Condensed Matter, 2001, 13, 8435-8443.	1.8	9
124	Evaluation of the thermophysical properties of modified and dyed poly(ethylene terephthalate) films. Journal Physics D: Applied Physics, 2001, 34, 2248-2254.	2.8	10
125	Differential thermal lens temperature scanning approach to glass transition analysis in polymers: application to polycarbonate. Journal Physics D: Applied Physics, 2001, 34, 407-412.	2.8	20
126	Thermal lens scanning of the glass transition in polymers. Journal of Applied Physics, 2001, 89, 2220-2226.	2.5	35

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127	Poly(ethylene terephthalate) films modified with N,N-dimethylacrylamide: Incorporation of disperse dye. Journal of Applied Polymer Science, 2000, 77, 269-282.	2.6	12
128	Energy transfer and the $2.8\ \mu\text{m}$ emission of Er^{3+} - and Yb^{3+} -doped low silica content calcium aluminate glasses. Physical Review B, 2000, 62, 3176-3180.	3.2	37
129	Inversion in the change of the refractive index and memory effect near the nematic-isotropic phase transition in a lyotropic liquid crystal. Physical Review E, 2000, 61, 5410-5413.	2.1	23
130	Thermo-mechanical and optical properties of calcium aluminosilicate glasses doped with Er^{3+} and Yb^{3+} . Journal of Non-Crystalline Solids, 2000, 273, 239-245.	3.1	17
131	Mode-mismatched thermal lens spectrometry for thermo-optical properties measurement in optical glasses: a review. Journal of Non-Crystalline Solids, 2000, 273, 215-227.	3.1	129
132	Rare-earth doped low silica calcium aluminosilicate glasses for near and mid infrared applications. Journal of Non-Crystalline Solids, 2000, 276, 8-18.	3.1	37
133	Poly(ethylene terephthalate) films modified with N,N-dimethylacrylamide: Incorporation of disperse dye. Journal of Applied Polymer Science, 2000, 77, 269-282.	2.6	0
134	<title>Thermal-lens measurements of thermal diffusivity temperature dependence up to the glass transition in a fluoride glass</title>. , 1999, , .		0
135	Temperature dependence of thermo-optical properties of fluoride glasses determined by thermal lens spectrometry. Physical Review B, 1999, 60, 15173-15178.	3.2	80
136	Nd_2O_3 doped low silica calcium aluminosilicate glasses: Thermomechanical properties. Journal of Applied Physics, 1999, 85, 8112-8118.	2.5	73
137	Voltammetric response of a copper(II) complex incorporated in silica-modified carbon-paste electrode. Analytica Chimica Acta, 1999, 385, 103-109.	5.4	35
138	Structure and properties of water free Nd_2O_3 doped low silica calcium aluminate glasses. Journal of Non-Crystalline Solids, 1999, 247, 196-202.	3.1	31
139	Time-resolved thermal lens measurements of thermo-optical properties of fluoride glasses. Journal of Non-Crystalline Solids, 1999, 256-257, 337-342.	3.1	20
140	On the observation of $2.8\ \mu\text{m}$ emission from diode-pumped Er^{3+} - and Yb^{3+} -doped low silica calcium aluminate glasses. Applied Physics Letters, 1999, 74, 908-910.	3.3	81
141	<title>Thermal-lens measurements of fluorescence quantum efficiency in Nd^{3+} -doped fluoride glasses</title>. , 1999, , .		0
142	Absolute thermal lens method to determine fluorescence quantum efficiency and concentration quenching of solids. Physical Review B, 1998, 57, 10545-10549.	3.2	116
143	Thermal lens spectrometry to study complex fluids. Brazilian Journal of Physics, 1998, 28, 00-00.	1.4	19
144	Neodymium concentration dependence of thermo-optical properties in low silica calcium aluminate glasses. Journal of Non-Crystalline Solids, 1997, 219, 165-169.	3.1	38

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145	Thermal and optical characterization of the calcium phosphate biomaterial hydroxyapatite. Journal of Applied Physics, 1996, 79, 6848-6852.	2.5	41
146	Geometrical anisotropy dependence of thermal diffusivity in lyotropic nematics: Mode mismatched thermal lens measurements. Applied Physics Letters, 1996, 68, 3371-3373.	3.3	25
147	Thermal wave non-destructive thickness measurements of hydroxyapatite coatings applied to prosthetic hip stems. Journal of Materials Science: Materials in Medicine, 1995, 6, 335-339.	3.6	4
148	The accuracy of thermal wave interferometry for the evaluation of thermophysical properties of plasma-sprayed coatings. Measurement Science and Technology, 1995, 6, 1022-1027.	2.6	21
149	High-temperature superconductor thin-film characterization by the modulated optical reflectance technique. Superconductor Science and Technology, 1995, 8, 667-672.	3.5	11
150	Thermal diffusivity of palladium-hydrogen systems at room temperature using photothermal detection. Physical Review B, 1992, 45, 5031-5034.	3.2	6
151	Photoacoustic measurement of the thermal properties of two-layer systems. Physical Review B, 1990, 42, 4477-4486.	3.2	123
152	Open photoacoustic cell x-ray detection. Applied Physics B: Lasers and Optics, 1989, 48, 269-272.	2.2	14
153	Time resolved thermal lens measurements of the thermo-optical properties of glasses at low temperature down to 20K. , 0, , .		1