

Antonio Medina

List of Publications by Year in descending order

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172
papers

3,292
citations

186265

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h-index

189892

50
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172
all docs

172
docs citations

172
times ranked

4092
citing authors

#	ARTICLE	IF	CITATIONS
1	Opalescence and color stability of composite resins: an in vitro longitudinal study. <i>Clinical Oral Investigations</i> , 2022, 26, 2635-2643.	3.0	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	Technique for Darkening of Extracted Teeth Simulating Pulpal Necrosis Discoloration. <i>Clinical, Cosmetic and Investigational Dentistry</i> , 2022, Volume 14, 103-112.	1.6	0
5	Studies of the early stages of the dynamic setting process of chemically activated restorative glass-ionomer cements. <i>Biomaterial Investigations in Dentistry</i> , 2021, 8, 39-47.	1.8	1
6	Thermoelastic properties across martensitic transformation of Ni ₄ MnGa Heusler alloy from time-resolved photothermal mirror. <i>Physica B: Condensed Matter</i> , 2021, 605, 412713.	2.7	6
7	Thermal, optical and structural properties of relatively depolymerized sodium calcium silicate glass and glass-ceramic containing CaF ₂ . <i>Ceramics International</i> , 2021, 47, 24966-24972.	4.8	15
8	Molecular insight on the binding of stevia glycosides to bovine serum albumin. <i>Chemico-Biological Interactions</i> , 2021, 344, 109526.	4.0	6
9	Design of Nanostructured Lipid Carriers Containing <i>Cymbopogon martinii</i> (Palmarosa) Essential Oil against <i>Aspergillus nomius</i> . <i>Molecules</i> , 2021, 26, 4825.	3.8	4
10	Eu ²⁺ -Nd ³⁺ co-doped glasses for solar spectrum modification via NUV/visible to NIR downconversion. <i>Journal of Alloys and Compounds</i> , 2021, 888, 161484.	5.5	3
11	Thermal properties and crystallization mechanism of undoped and Nd ³⁺ -doped (SiO ₂) ₂ -(Al ₂ O ₃) ₃ -CaO-MgO glasses. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 140, 275-282.	3.6	0
12	Glass frits as an enabler in the production process of OH ⁻ -free calcium aluminosilicate glasses. <i>Journal of Alloys and Compounds</i> , 2020, 816, 152651.	5.5	4
13	Chemical and physical characterization of Konjac glucomannan-based powders by FTIR and ¹³ C MAS NMR. <i>Powder Technology</i> , 2020, 361, 610-616.	4.2	25
14	High pressure effect on the short- and intermediate-range structure of depolymerized soda lime silicate glass: Insights from micro-Raman spectroscopy. <i>Vibrational Spectroscopy</i> , 2020, 110, 103113.	2.2	10
15	DSC analysis and evaluation of forces released on deactivation of 0.40-mm (0.016") orthodontic thermo-activated NiTi wires: An in vitro study. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2020, 14, 12-18.	1.0	0
16	Chemical, Thermal, and Spectroscopic Analysis of Organomineral Fertilizer Residue Recovered from an Oxisol. <i>Soil Science Society of America Journal</i> , 2019, 83, 409-418.	2.2	7
17	Study of keratin hair of domestic cat under methionine and cystine experimental diet using FT-Raman spectroscopy. <i>Vibrational Spectroscopy</i> , 2019, 100, 1-5.	2.2	2
18	Effect of magnetic coupling on non-radiative relaxation time of Fe ³⁺ sites on LaAl _{1-x} Fe _x O ₃ pigments. <i>Journal of Applied Physics</i> , 2018, 123, 075101.	2.5	3

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19	Luminescence and upconversion processes in Er^{3+} -doped tellurite glasses. Journal of Luminescence, 2018, 201, 110-114.	3.1	23
20	Fluorescence line narrowing and Judd-Ofelt theory analyses of Eu^{3+} -doped low-silica calcium aluminosilicate glass and glass-ceramic. Journal of Luminescence, 2018, 201, 123-128.	3.1	20
21	Dy:Eu doped CaBa glasses for white light applications. Optical Materials, 2018, 76, 231-236.	3.6	28
22	Challenges in luting fibre posts: Adhesion to the post and to the dentine. Dental Materials, 2018, 34, 1054-1062.	3.5	24
23	Combination of Histopathology and FT-Raman Spectroscopy for the Study of Experimental Paracoccidioidomycosis in the Spleen. Photochemistry and Photobiology, 2018, 94, 88-94.	2.5	5
24	Kondo temperature and Heavy Fermion behavior in $\text{Yb}_{1-x}\text{YxCuAl}$ series of alloys. Physica B: Condensed Matter, 2018, 536, 176-181.	2.7	3
25	Evaluation of photosensitizer penetration into sound and decayed dentin: A photoacoustic spectroscopy study. Photodiagnosis and Photodynamic Therapy, 2018, 21, 108-114.	2.6	10
26	Evaluation of TeO_2 content on the optical and spectroscopic properties of Yb^{3+} -doped calcium borotellurite glasses. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 193, 212-218.	3.9	17
27	Enhanced and tunable white light emission from Ag nanoclusters and Eu^{3+} -co-doped CaBa glasses. RSC Advances, 2018, 8, 35263-35270.	3.6	20
28	Study of the chemical interaction between a high-viscosity glass ionomer cement and dentin. Journal of Applied Oral Science, 2018, 26, e20170384.	1.8	32
29	Optical and spectroscopic study of erbium doped calcium borotellurite glasses. Optical Materials, 2017, 66, 211-219.	3.6	57
30	Development of a technique for psyllium husk mucilage purification with simultaneous microencapsulation of curcumin. PLoS ONE, 2017, 12, e0182948.	2.5	9
31	On the induction of homogeneous bulk crystallization in Eu-doped calcium aluminosilicate glass by applying simultaneous high pressure and temperature. Journal of Applied Physics, 2016, 119, 245901.	2.5	3
32	Production of hydrogen from bioethanol in $\text{Cu-Ni/Nb}_x\text{O}_y$ catalysts obtained by different preparation methods. International Journal of Hydrogen Energy, 2016, 41, 8111-8119.	7.1	7
33	In situ structural analysis of calcium aluminosilicate glasses under high pressure. Journal of Physics Condensed Matter, 2016, 28, 315402.	1.8	15
34	Analytical method to estimate resin cement diffusion into dentin. Journal of Biomedical Optics, 2016, 21, 055003.	2.6	3
35	Insulin complexation with hydroxypropyl-beta-cyclodextrin: Spectroscopic evaluation of molecular inclusion and use of the complex in gel for healing of pressure ulcers. International Journal of Pharmaceutics, 2015, 490, 229-239.	5.2	18
36	Influence of the CeO_2 and Nb_2O_5 supports and the inert gas in ethanol steam reforming for H_2 production. Chemical Engineering Journal, 2015, 273, 66-74.	12.7	26

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37	Emission tunability and local environment in europium-doped OH ²⁺ -free calcium aluminosilicate glasses for artificial lighting applications. <i>Materials Chemistry and Physics</i> , 2015, 156, 214-219.	4.0	25
38	Effective Thermal Diffusivity Study of Powder Biocomposites via Photoacoustic Method. <i>Brazilian Journal of Physics</i> , 2015, 45, 525-531.	1.4	0
39	Correlation between Histopathological and FT-Raman Spectroscopy Analysis of the Liver of Swiss Mice Infected with <i>Paracoccidioides brasiliensis</i> . <i>PLoS ONE</i> , 2014, 9, e106256.	2.5	6
40	Formulation and characterization of ethylcellulose microparticles containing L-alanyl-L-glutamine peptide. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 1308-1317.	2.0	28
41	Zinc oxide composites prepared by in situ process: UV barrier and luminescence properties. <i>Materials Letters</i> , 2014, 125, 75-77.	2.6	4
42	The phase-resolved photoacoustic method to indicate chemical assignments of paracetamol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 121, 719-723.	3.9	9
43	Anisotropic magnetocaloric effect in ErGa ₂ and HoGa ₂ single-crystals. <i>Journal of Alloys and Compounds</i> , 2014, 582, 461-465.	5.5	19
44	Curcumin-β-cyclodextrin inclusion complex: Stability, solubility, characterisation by FT-IR, FT-Raman, X-ray diffraction and photoacoustic spectroscopy, and food application. <i>Food Chemistry</i> , 2014, 153, 361-370.	8.2	401
45	Co-doped ZnO nanoparticles synthesized by an adapted sol-gel method: effects on the structural, optical, photocatalytic and antibacterial properties. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 72, 301-309.	2.4	67
46	On the use of photothermal techniques to study NiTi phase transitions. <i>Materials Research Express</i> , 2014, 1, 026502.	1.6	7
47	Nd ³⁺ doped CAS glasses: A thermo-optical and spectroscopic investigation. <i>Optical Materials</i> , 2014, 37, 531-536.	3.6	10
48	Eu ²⁺ -doped OH ²⁺ free calcium aluminosilicate glass: A phosphor for smart lighting. <i>Journal of Luminescence</i> , 2013, 143, 600-604.	3.1	17
49	Hydrogen Peroxide Diffusion Dynamics in Dental Tissues. <i>Journal of Dental Research</i> , 2013, 92, 661-665.	5.2	63
50	Composition Influence on the Thermo-optical Properties and Luminescence Efficiency of Europium-Doped Calcium Aluminosilicate Glasses. <i>International Journal of Thermophysics</i> , 2013, 34, 1666-1672.	2.1	7
51	On the microscopic mechanism for the stabilization of structural and ferroic states in displacive multiferroics. <i>Journal of Applied Physics</i> , 2013, 113, 114105.	2.5	9
52	Microencapsulation by Freeze-Drying of Potassium Norbixinate and Curcumin with Maltodextrin: Stability, Solubility, and Food Application. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 955-965.	5.2	49
53	Bioactivity and structural properties of nanostructured bulk composites containing Nb ₂ O ₅ and natural hydroxyapatite. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	20
54	A new approach to marine fish otoliths study: electron paramagnetic resonance. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2013, 93, 1973-1980.	0.8	4

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55	Morphological and Structural Changes in Lung Tissue Infected by <i>Paracoccidioides brasiliensis</i> : FTIR Photoacoustic Spectroscopy and Histological Analysis. <i>Photochemistry and Photobiology</i> , 2013, 89, 1170-1175.	2.5	15
56	Non-destructive thermal wave method applied to study thermal properties of fast setting time endodontic cement. <i>Journal of Applied Physics</i> , 2013, 114, 194701.	2.5	0
57	Laser-induced lensing effects in solid-state optical refrigerators. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	7
58	Photoacoustic methods for in vitro study of kinetics progesterone release from the biodegradation of polyhydroxybutyrate/polycaprolactone used as intravaginal devices. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	1
59	Heat flow measurements and the order of the magnetic transition in (Dy,Gd)Co ₂ solid solutions. <i>Journal of Alloys and Compounds</i> , 2012, 513, 615-619.	5.5	8
60	The influence of SiO ₂ content on spectroscopic properties and laser emission efficiency of Yb ³⁺ -Er ³⁺ co-doped calcium aluminosilicate glasses. <i>Applied Physics B: Lasers and Optics</i> , 2012, 107, 415-420.	2.2	19
61	Electrical field dependence of thermo-optical parameters in transparent lead lanthanum zirconated titanate ceramic: Thermal lens measurements. <i>Journal of Applied Physics</i> , 2011, 110, 123517.	2.5	2
62	Use of photoacoustic spectroscopy in the characterization of inclusion complexes of benzophenone-3-hydroxypropyl- β -cyclodextrin and ex vivo evaluation of the percutaneous penetration of sunscreen. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 449-457.	4.3	24
63	Spectroscopic properties, concentration quenching, and laser investigations of Yb ³⁺ -doped calcium aluminosilicate glasses. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2011, 28, 2510.	2.1	40
64	Soret effect and photochemical reaction in liquids with laser-induced local heating. <i>Optics Express</i> , 2011, 19, 4047.	3.4	47
65	Temperature dependence of the thermophysical properties of Neodymium doped borate glasses. <i>Optical Materials</i> , 2011, 33, 1563-1568.	3.6	2
66	The structure and optical dispersion of the refractive index of tellurite glass. <i>Optical Materials</i> , 2011, 33, 1569-1572.	3.6	21
67	Extraction of sunflower (<i>Helianthus annuus</i> L.) oil with supercritical CO ₂ and subcritical propane: Experimental and modeling. <i>Chemical Engineering Journal</i> , 2011, 168, 262-268.	12.7	98
68	Thermal diffusivity of periderm from tomatoes of different maturity stages as determined by the concept of the frequency-domain open photoacoustic cell. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	13
69	Thermal mirror and thermal lens techniques for semitransparent material characterization. <i>Journal of Physics: Conference Series</i> , 2010, 214, 012016.	0.4	3
70	Concentration dependent fluorescence quantum efficiency of neodymium doped phosphate glass matrix. <i>Journal of Luminescence</i> , 2010, 130, 2491-2494.	3.1	18
71	Thermal annealing effects on the magnetic behavior of Ce ₂ NiSi ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 3192-3195.	2.3	13
72	Study of the magnetocaloric properties of the antiferromagnetic compounds R ₂ Ga ₂ (R = Ce, Pr, Nd, Dy). <i>Tj ETQq0 0 0 igBT /Overlock 10 T</i>	1.8	14

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73	Study on the observation of Eu ²⁺ and Eu ³⁺ valence states in low silica calcium aluminosilicate glasses. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 055601.	1.8	15
74	Optical band-gap determination of nanostructured WO ₃ film. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	281
75	High values of gain cross section and luminescence quantum efficiency in OH ⁻ -free Ti ³⁺ -doped low-silica calcium aluminosilicate glass. <i>Optics Letters</i> , 2010, 35, 1055.	3.3	8
76	Photoacoustic spectroscopy as a tool for determination of food dyes: Comparison with first derivative spectrophotometry. <i>Talanta</i> , 2010, 81, 202-207.	5.5	91
77	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. <i>Journal of Physical Chemistry B</i> , 2010, 114, 5657-5660.	2.6	27
78	A utiliza�o da t�cnica de lente t�rmica para a an�lise das propriedades t�rmicas de materiais transparentes. <i>Ceramica</i> , 2009, 55, 337-340.	0.8	1
79	Influence of temperature and excitation procedure on the athermal behavior of Nd ³⁺ -doped phosphate glass: Thermal lens, interferometric, and calorimetric measurements. <i>Journal of Applied Physics</i> , 2009, 106, .	2.5	6
80	Inversion in the temperature coefficient of the optical path length close to the glass transition temperature in tellurite glasses. <i>Applied Physics Letters</i> , 2009, 94, .	3.3	7
81	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. <i>Journal of Applied Physics</i> , 2009, 106, .	2.5	6
82	A study of pressure and chemical substitution effects on the magnetocaloric properties of the ferromagnetic compound UGa ₂ . <i>Journal of Physics Condensed Matter</i> , 2009, 21, 276001.	1.8	3
83	Magnetic properties of (Ce 1� x La x)PdIn 2. <i>Physica B: Condensed Matter</i> , 2009, 404, 3018-3020.	2.7	2
84	A step forward toward smart white lighting: Combination of glass phosphor and light emitting diodes. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	46
85	Thermal-lens study of photochemical reaction kinetics. <i>Optics Letters</i> , 2009, 34, 3460.	3.3	30
86	A Step Forward Towards Smart White Lighting: Combination of Glass Phosphor and Blue LEDs. <i>ECS Transactions</i> , 2009, 25, 237-246.	0.5	1
87	Evidence of mixed valence in single crystals. <i>Physica B: Condensed Matter</i> , 2008, 403, 946-947.	2.7	2
88	Evaluation of the thermal diffusivity of vegetable oils during frying by Thermal Lens Spectrometry. <i>European Physical Journal: Special Topics</i> , 2008, 153, 531-534.	2.6	8
89	Spectroscopic assignments of Ti^{3+} in titanium-doped <i>Physical Review B</i> , 2008, 78, .	3.2	28
90	Relations among nonbridging oxygen, optical properties, optical basicity, and color center formation in CaO-MgO aluminosilicate glasses. <i>Journal of Applied Physics</i> , 2008, 104, .	2.5	68

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91	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
92	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
93	Angular dependence of the thermal-lens effect on LiSrAlF ₆ and LiSrGaF ₆ single crystals. Optics Letters, 2008, 33, 1720.	3.3	7
94	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
95	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
96	Long Fluorescence Lifetime of Ti^{3+} in Low Silica Calcium Aluminosilicate Glass. Physical Review Letters, 2008, 100, 027402.	3.1	16
97	Transport and magnetic properties of Ce ₂ NiIn ₃ . Journal of Alloys and Compounds, 2007, 432, 34-38.	5.5	14
98	Temperature and wavelength dependence of the thermo-optical properties of tellurite and chalcogenide glasses. Journal of Applied Physics, 2007, 102, 073507.	2.5	7
99	Thermal properties of natural nanostructured hydroxyapatite extracted from fish bone waste. Journal of Applied Physics, 2007, 101, 084701.	2.5	52
100	Behavior of oxidation in the radiochromic gel dosimeter through photoacoustic technique measurements. Applied Radiation and Isotopes, 2007, 65, 605-609.	1.5	13
101	Thermal Characterization In Vitro of Human Nail: Photoacoustic Study of the Aging Process. Photochemistry and Photobiology, 2007, 83, 1144-1148.	2.5	18
102	Fricke xlenol 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
103	Characterization of natural nanostructured hydroxyapatite obtained from the bones of Brazilian river fish. Journal of Applied Physics, 2006, 100, 094312.	2.5	53
104	Phonon-like elementary excitations and low-temperature behaviour of non-crystalline solids. Philosophical Magazine, 2006, 86, 227-235.	1.6	14
105	Thermo Optical Properties of Transparent PLZT 10/65/35 Ceramics. Ferroelectrics, 2006, 336, 191-196.	0.6	8
106	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
107	Low temperature specific heat of doped and undoped glasses. Journal of Non-Crystalline Solids, 2006, 352, 3572-3576.	3.1	5
108	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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109	Hydrocarbons from ethanol using [Fe,Al]ZSM-5 zeolites obtained by direct synthesis. Applied Catalysis A: General, 2006, 311, 193-198.	4.3	50
110	Real-time quantitative investigation of photochemical reaction using thermal lens measurements: Theory and experiment. Journal of Applied Physics, 2006, 100, 044906.	2.5	38
111	Application of the diffraction theory for photothermal deflection to the measurement of the temperature coefficient of the refractive index of a binary gas mixture. Journal of Applied Physics, 2006, 99, 103107.	2.5	10
112	Band gap energy determination by photoacoustic spectroscopy under continuous light excitation. Applied Physics Letters, 2006, 89, 231926.	3.3	17
113	Photoacoustic spectroscopy to evaluate the penetration rate of three different sunscreens into human skin in vivo. European Physical Journal Special Topics, 2005, 125, 757-759.	0.2	9
114	Open Photoacoustic Cell study of thermal diffusivity of Nafion [®] as a function of water content. European Physical Journal Special Topics, 2005, 125, 383-386.	0.2	4
115	Photoacoustic Characterization of PC/PMMA blends doped with Eu(acac) ₃ . European Physical Journal Special Topics, 2005, 125, 387-390.	0.2	2
116	Influence of probe beam multi-reflection on thermal lens measurements: Application to Nd:YAG rods. European Physical Journal Special Topics, 2005, 125, 189-191.	0.2	0
117	Thermo-optical properties of iron-doped low silica calcium aluminosilicate glasses determined by photothermal methods. European Physical Journal Special Topics, 2005, 125, 197-199.	0.2	0
118	Human nail thermal diffusivity obtained using the open photoacoustic cell technique. European Physical Journal Special Topics, 2005, 125, 657-660.	0.2	6
119	Photoacoustic spectroscopy and thermal relaxation method to evaluate corn moisture content. European Physical Journal Special Topics, 2005, 125, 857-860.	0.2	0
120	Photoacoustic response in a multivariable dyeing process: Comparison between conventional aqueous and supercritical CO ₂ used for impregnating PET films. European Physical Journal Special Topics, 2005, 125, 613-615.	0.2	1
121	Optimization of dyeing variables in PET: Using thermal diffusivity response as a probe in a multivariable algorithm. European Physical Journal Special Topics, 2005, 125, 573-576.	0.2	0
122	Magnetization and specific heat in U _{1-x} LaxGa ₂ and magnetocaloric effect in UGa ₂ . Journal of Applied Physics, 2005, 97, 10A921.	2.5	7
123	Statistical Design of Experiments: Study of Cross-Linking Process through the Phase-Resolved Photoacoustic Method as a Multivariable Response. Applied Spectroscopy, 2005, 59, 173-180.	2.2	7
124	Temperature dependence of the thermo-optical properties of KDP single crystal measured by thermal relaxation and thermal lens methods. European Physical Journal Special Topics, 2005, 125, 391-394.	0.2	2
125	The effect of porosity on thermal properties: towards a threshold of particle contact in sintered stainless steel. Journal of Physics Condensed Matter, 2005, 17, 1239-1249.	1.8	10
126	Time-resolved thermal lens measurements of the thermo-optical properties of glasses at low temperature down to 20 K. Physical Review B, 2005, 71, .	3.2	56

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127	Magnetic properties of the $U_{1-x}La_xPd_2Ga_3$ series of compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E1-E3.	2.3	2
128	Effect of the chemical substitution on the magnetic properties of UGe_2 . <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E11-E12.	2.3	2
129	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
130	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
131	Thermo-optical properties measurements in chalcogenide glasses using thermal relaxation and thermal lens methods. <i>Journal of Non-Crystalline Solids</i> , 2004, 348, 108-112.	3.1	4
132	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
133	Thermal quenching of the fluorescence quantum efficiency in colquiriite crystals measured by thermal lens spectrometry. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2004, 21, 1784.	2.1	21
134	4,4'-Dithiodipyridine as a Bridging Ligand in Osmium and Ruthenium Complexes: The Electron Conductor Ability of the μ_2-S_2 Bridge#. <i>Inorganic Chemistry</i> , 2003, 42, 6898-6906.	4.0	11
135	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
136	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
137	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
138	Thermal lens temperature scanning for quantitative measurements in transparent materials (invited). <i>Review of Scientific Instruments</i> , 2003, 74, 291-296.	1.3	4
139	Magnetic properties of the $U(Ge_{1-x}Ni_x)_2$ system. <i>Journal of Applied Physics</i> , 2003, 93, 7825-7827.	2.5	2
140	Temperature dependence of the thermo-optical properties of water determined by thermal lens spectrometry. <i>Review of Scientific Instruments</i> , 2003, 74, 808-810.	1.3	25
141	Time resolved thermal lens in edible oils. <i>Review of Scientific Instruments</i> , 2003, 74, 694-696.	1.3	18
142	Photoacoustic study of PET films and fibers dyed in supercritical CO_2 reactor. <i>Review of Scientific Instruments</i> , 2003, 74, 328-330.	1.3	7
143	Photoacoustic study of cross-linking process in grafted polymer and copolymer based on ethylene and vinyltrimethoxy silane. <i>Journal Physics D: Applied Physics</i> , 2002, 35, 3240-3248.	2.8	8
144	Photoacoustic spectroscopy for monitoring the dyeing process of poly(ethylene terephthalate). <i>Analyst</i> , The, 2002, 127, 310-314.	3.5	4

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145	Temperature dependence of fluorescence quantum efficiency of optical glasses determined by thermal lens spectrometry. <i>Journal of Non-Crystalline Solids</i> , 2002, 304, 244-250.	3.1	15
146	Thermal relaxation method to determine the specific heat of optical glasses. <i>Journal of Non-Crystalline Solids</i> , 2002, 304, 299-305.	3.1	43
147	Thermal lens versus DTA measurements for glass transition analysis of fluoride glasses. <i>Journal of Non-Crystalline Solids</i> , 2002, 304, 315-321.	3.1	17
148	Monitoring the depth penetration of dyes in poly (ethylene terephthalate) films using a two layer based photoacoustic model. <i>Brazilian Journal of Physics</i> , 2002, 32, 516-522.	1.4	5
149	Thermal lens temperature scanning for quantitative measurements in complex fluids. <i>Brazilian Journal of Physics</i> , 2002, 32, 575-583.	1.4	13
150	On the application of the photoacoustic methods for the determination of thermo-optical properties of polymers. <i>Brazilian Journal of Physics</i> , 2002, 32, 483-494.	1.4	31
151	The photoacoustic spectroscopy applied in the characterization of the cross-linking process in polymeric materials. <i>Brazilian Journal of Physics</i> , 2002, 32, 523-530.	1.4	6
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