

Antonio Medina

List of Publications by Year in descending order

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172
papers

3,292
citations

186209

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4092
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.2	401
2	Optical band-gap determination of nanostructured WO ₃ film. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	281
3	Extraction of sunflower (<i>Heliantus annuus</i> L.) oil with supercritical CO ₂ and subcritical propane: Experimental and modeling. <i>Chemical Engineering Journal</i> , 2011, 168, 262-268.	6.6	98
4	Photoacoustic spectroscopy as a tool for determination of food dyes: Comparison with first derivative spectrophotometry. <i>Talanta</i> , 2010, 81, 202-207.	2.9	91
5	Nd ₂ O ₃ doped low silica calcium aluminosilicate glasses: Thermomechanical properties. <i>Journal of Applied Physics</i> , 1999, 85, 8112-8118.	1.1	73
6	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, .	1.1	68
7	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.	1.1	67
8	Hydrogen Peroxide Diffusion Dynamics in Dental Tissues. <i>Journal of Dental Research</i> , 2013, 92, 661-665.	2.5	63
9	Optical and spectroscopic study of erbium doped calcium borotellurite glasses. <i>Optical Materials</i> , 2017, 66, 211-219.	1.7	57
10	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, .	1.1	56
11	Characterization of natural nanostructured hydroxyapatite obtained from the bones of Brazilian river fish. <i>Journal of Applied Physics</i> , 2006, 100, 094312.	1.1	53
12	Thermal properties of natural nanostructured hydroxyapatite extracted from fish bone waste. <i>Journal of Applied Physics</i> , 2007, 101, 084701.	1.1	52
13	Hydrocarbons from ethanol using [Fe,Al]ZSM-5 zeolites obtained by direct synthesis. <i>Applied Catalysis A: General</i> , 2006, 311, 193-198.	2.2	50
14	Characterization of thermo-optical and mechanical properties of calcium aluminosilicate glasses. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 3613-3617.	1.5	49
15	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.	2.4	49
16	Soret effect and photochemical reaction in liquids with laser-induced local heating. <i>Optics Express</i> , 2011, 19, 4047.	1.7	47
17	A step forward toward smart white lighting: Combination of glass phosphor and light emitting diodes. <i>Applied Physics Letters</i> , 2009, 95, .	1.5	46
18	Thermal relaxation method to determine the specific heat of optical glasses. <i>Journal of Non-Crystalline Solids</i> , 2002, 304, 299-305.	1.5	43

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19	Spectroscopic properties, concentration quenching, and laser investigations of Yb ³⁺ -doped calcium aluminosilicate glasses. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 2510.	0.9	40
20	Real-time quantitative investigation of photochemical reaction using thermal lens measurements: Theory and experiment. Journal of Applied Physics, 2006, 100, 044906.	1.1	38
21	The temperature coefficient of the optical path length as a function of the temperature in different optical glasses. Journal of Non-Crystalline Solids, 2004, 348, 240-244.	1.5	37
22	Long Fluorescence Lifetime of Ti^{3+} in Low Silica Calcium Aluminosilicate Glass. Physical Review Letters, 2008, 100, 027402.	1.1	36
23	Thermal lens scanning of the glass transition in polymers. Journal of Applied Physics, 2001, 89, 2220-2226.	1.1	35
24	Study of the chemical interaction between a high-viscosity glass ionomer cement and dentin. Journal of Applied Oral Science, 2018, 26, e20170384.	0.7	32
25	On the application of the photoacoustic methods for the determination of thermo-optical properties of polymers. Brazilian Journal of Physics, 2002, 32, 483-494.	0.7	31
26	Thermo-optical characterization of tellurite glasses by thermal lens, thermal relaxation calorimetry and interferometric methods. Journal of Non-Crystalline Solids, 2006, 352, 3603-3607.	1.5	30
27	Thermal-lens study of photochemical reaction kinetics. Optics Letters, 2009, 34, 3460.	1.7	30
28	Spectroscopic assignments of Ti^{3+} in titanium-doped. Physical Review B, 2008, 78, .	1.1	28
29	Formulation and characterization of ethylcellulose microparticles containing .l-alanyl-l-glutamine peptide. Drug Development and Industrial Pharmacy, 2014, 40, 1308-1317.	0.9	28
30	Dy:Eu doped CaBaI glasses for white light applications. Optical Materials, 2018, 76, 231-236.	1.7	28
31	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.	1.2	27
32	Influence of the CeO ₂ and Nb ₂ O ₅ supports and the inert gas in ethanol steam reforming for H ₂ production. Chemical Engineering Journal, 2015, 273, 66-74.	6.6	26
33	Temperature dependence of the thermo-optical properties of water determined by thermal lens spectrometry. Review of Scientific Instruments, 2003, 74, 808-810.	0.6	25
34	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.	1.5	25
35	Emission tunability and local environment in europium-doped OH ⁻ -free calcium aluminosilicate glasses for artificial lighting applications. Materials Chemistry and Physics, 2015, 156, 214-219.	2.0	25
36	Chemical and physical characterization of Konjac glucomannan-based powders by FTIR and 13C MAS NMR. Powder Technology, 2020, 361, 610-616.	2.1	25

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37	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.	2.0	24
38	Challenges in luting fibre posts: Adhesion to the post and to the dentine. <i>Dental Materials</i> , 2018, 34, 1054-1062.	1.6	24
39	Luminescence and upconversion processes in Er^{3+} doped tellurite glasses. <i>Journal of Luminescence</i> , 2018, 201, 110-114.	1.5	23
40	Resonant microwave cavity response of amorphous ribbons. <i>Journal of Applied Physics</i> , 1996, 79, 5462.	1.1	22
41	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.	0.9	21
42	The structure and optical dispersion of the refractive index of tellurite glass. <i>Optical Materials</i> , 2011, 33, 1569-1572.	1.7	21
43	Differential thermal lens temperature scanning approach to glass transition analysis in polymers: application to polycarbonate. <i>Journal Physics D: Applied Physics</i> , 2001, 34, 407-412.	1.3	20
44	Bioactivity and structural properties of nanostructured bulk composites containing Nb_2O_5 and natural hydroxyapatite. <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	20
45	Fluorescence line narrowing and Judd-Ofelt theory analyses of Eu^{3+} doped low-silica calcium aluminosilicate glass and glass-ceramic. <i>Journal of Luminescence</i> , 2018, 201, 123-128.	1.5	20
46	Enhanced and tunable white light emission from Ag nanoclusters and Eu^{3+} -co-doped CaBaI glasses. <i>RSC Advances</i> , 2018, 8, 35263-35270.	1.7	20
47	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.	1.1	19
48	Anisotropic magnetocaloric effect in ErGa_2 and HoGa_2 single-crystals. <i>Journal of Alloys and Compounds</i> , 2014, 582, 461-465.	2.8	19
49	Time resolved thermal lens in edible oils. <i>Review of Scientific Instruments</i> , 2003, 74, 694-696.	0.6	18
50	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.	1.2	18
51	Thermal Characterization In Vitro of Human Nail: Photoacoustic Study of the Aging Process. <i>Photochemistry and Photobiology</i> , 2007, 83, 1144-1148.	1.3	18
52	Fricke xyleneol gel characterization using a photoacoustic technique. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 582, 484-488.	0.7	18
53	Concentration dependent fluorescence quantum efficiency of neodymium doped phosphate glass matrix. <i>Journal of Luminescence</i> , 2010, 130, 2491-2494.	1.5	18
54	Insulin complexation with hydroxypropyl-beta-cyclodextrin: Spectroscopic evaluation of molecular inclusion and use of the complex in gel for healing of pressure ulcers. <i>International Journal of Pharmaceutics</i> , 2015, 490, 229-239.	2.6	18

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55	Thermal lens versus DTA measurements for glass transition analysis of fluoride glasses. <i>Journal of Non-Crystalline Solids</i> , 2002, 304, 315-321.	1.5	17
56	Band gap energy determination by photoacoustic spectroscopy under continuous light excitation. <i>Applied Physics Letters</i> , 2006, 89, 231926.	1.5	17
57	Eu ²⁺ -doped OH ⁻ free calcium aluminosilicate glass: A phosphor for smart lighting. <i>Journal of Luminescence</i> , 2013, 143, 600-604.	1.5	17
58	Evaluation of TeO ₂ content on the optical and spectroscopic properties of Yb ³⁺ -doped calcium borotellurite glasses. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 212-218.	2.0	17
59	Effect of volume variation on the properties of the Kondo system (La ^{1-x} Ce ^x) ₃ Al. <i>Physical Review B</i> , 1998, 57, 5900-5905.	1.1	16
60	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.	0.6	16
61	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.	1.5	15
62	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.	0.7	15
63	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.	1.3	15
64	In situ structural analysis of calcium aluminosilicate glasses under high pressure. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 315402.	0.7	15
65	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.	2.3	15
66	Phonon-roton-like elementary excitations and low-temperature behaviour of non-crystalline solids. <i>Philosophical Magazine</i> , 2006, 86, 227-235.	0.7	14
67	Transport and magnetic properties of Ce ₂ NiIn ₃ . <i>Journal of Alloys and Compounds</i> , 2007, 432, 34-38.	2.8	14
68	Study of the magnetocaloric properties of the antiferromagnetic compounds R ₂ Ga ₂ (R = Ce, Pr, Nd, Dy). <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	0.7	14
69	Thermal lens temperature scanning for quantitative measurements in complex fluids. <i>Brazilian Journal of Physics</i> , 2002, 32, 575-583.	0.7	13
70	Behavior of oxidation in the radiochromic gel dosimeter through photoacoustic technique measurements. <i>Applied Radiation and Isotopes</i> , 2007, 65, 605-609.	0.7	13
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.	1.0	13
72	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, .	1.1	13

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73	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.	1.5	12
74	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. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 574-579.	1.5	12
75	4,4'-Dithiodipyridine as a Bridging Ligand in Osmium and Ruthenium Complexes: The Electron Conductor Ability of the S-S Bridge#. <i>Inorganic Chemistry</i> , 2003, 42, 6898-6906.	1.9	11
76	Evaluation of the thermophysical properties of modified and dyed poly(ethylene terephthalate) films. <i>Journal Physics D: Applied Physics</i> , 2001, 34, 2248-2254.	1.3	10
77	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.	0.7	10
78	Application of the diffraction theory for photothermal deflection to the measurement of the temperature coefficient of the refractive index of a binary gas mixture. <i>Journal of Applied Physics</i> , 2006, 99, 103107.	1.1	10
79	Nd ³⁺ doped CAS glasses: A thermo-optical and spectroscopic investigation. <i>Optical Materials</i> , 2014, 37, 531-536.	1.7	10
80	Evaluation of photosensitizer penetration into sound and decayed dentin: A photoacoustic spectroscopy study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 21, 108-114.	1.3	10
81	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.	1.2	10
82	Evolution of the electronic specific heat of (La _{1-x} Ce _x) ₃ Al. <i>Journal of Applied Physics</i> , 1997, 81, 4179-4181.	1.1	9
83	Temperature dependence of the Cr ³⁺ site axial distortion in LiSrAlF ₆ and LiSrGaF ₆ single crystals. <i>Journal of Physics Condensed Matter</i> , 2001, 13, 8435-8443.	0.7	9
84	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
85	On the microscopic mechanism for the stabilization of structural and ferroic states in displacive multiferroics. <i>Journal of Applied Physics</i> , 2013, 113, 114105.	1.1	9
86	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.	2.0	9
87	Development of a technique for psyllium husk mucilage purification with simultaneous microencapsulation of curcumin. <i>PLoS ONE</i> , 2017, 12, e0182948.	1.1	9
88	Magnetic phase diagram of U(Ga _{1-x} Cu _x) ₂ . <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 1312-1314.	1.0	8
89	Unusual behavior of the Kondo temperature of La _{1-x} Y _b Cu ₃ Al ₂ . <i>Physical Review B</i> , 2001, 63, .	1.1	8
90	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.	1.3	8

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91	Study of cross-linking process in grafted polyethylene and ethylene based copolymer using a phase resolved photoacoustic method. Review of Scientific Instruments, 2003, 74, 325-327.	0.6	8
92	Thermo Optical Properties of Transparent PLZT 10/65/35 Ceramics. Ferroelectrics, 2006, 336, 191-196.	0.3	8
93	Evaluation of the thermal diffusivity of vegetable oils during frying by Thermal Lens Spectrometry. European Physical Journal: Special Topics, 2008, 153, 531-534.	1.2	8
94	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.	1.7	8
95	Heat flow measurements and the order of the magnetic transition in (Dy,Gd)Co ₂ solid solutions. Journal of Alloys and Compounds, 2012, 513, 615-619.	2.8	8
96	Determination of electron paramagnetic resonance parameters for osmium(III) low-spin systems using graphical solutions. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 2105-2111.	1.7	7
97	Change of the Kondo regime in CePd ₂ Al ₃ induced by chemical substitution: Verification of the Doniach diagram. Physical Review B, 1999, 59, 8738-8744.	1.1	7
98	Photoacoustic study of PET films and fibers dyed in supercritical CO ₂ reactor. Review of Scientific Instruments, 2003, 74, 328-330.	0.6	7
99	Magnetization and specific heat in U _{1-x} La _x Ga ₂ and magnetocaloric effect in UGa ₂ . Journal of Applied Physics, 2005, 97, 10A921.	1.1	7
100	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.	1.2	7
101	Temperature and wavelength dependence of the thermo-optical properties of tellurite and chalcogenide glasses. Journal of Applied Physics, 2007, 102, 073507.	1.1	7
102	Angular dependence of the thermal-lens effect on LiSrAlF ₆ and LiSrGaF ₆ single crystals. Optics Letters, 2008, 33, 1720.	1.7	7
103	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.	1.7	7
104	Inversion in the temperature coefficient of the optical path length close to the glass transition temperature in tellurite glasses. Applied Physics Letters, 2009, 94, .	1.5	7
105	Composition Influence on the Thermo-optical Properties and Luminescence Efficiency of Europium-Doped Calcium Aluminosilicate Glasses. International Journal of Thermophysics, 2013, 34, 1666-1672.	1.0	7
106	Laser-induced lensing effects in solid-state optical refrigerators. Applied Physics Letters, 2013, 102, .	1.5	7
107	On the use of photothermal techniques to study NiTi phase transitions. Materials Research Express, 2014, 1, 026502.	0.8	7
108	Production of hydrogen from bioethanol in Cu ²⁺ /Ni/Nb _x O _y catalysts obtained by different preparation methods. International Journal of Hydrogen Energy, 2016, 41, 8111-8119.	3.8	7

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109	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.	1.2	7
110	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.	0.7	6
111	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
112	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, .	1.1	6
113	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, .	1.1	6
114	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.	1.1	6
115	Thermoelastic properties across martensitic transformation of Ni ₄₁ Mn ₅₉ Heusler alloy from time-resolved photoacoustic spectroscopy. <i>Physics B: Condensed Matter</i> , 2021, 605, 412712.	1.3	6
116	Molecular insight on the binding of stevia glycosides to bovine serum albumin. <i>Chemico-Biological Interactions</i> , 2021, 344, 109526.	1.7	6
117	Photoacoustic and photothermal and the photovoltaic efficiency of solar cells: A tutorial. <i>Journal of Applied Physics</i> , 2022, 131, .	1.1	6
118	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.	0.7	5
119	Low temperature specific heat of doped and undoped glasses. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 3572-3576.	1.5	5
120	Combination of Histopathology and FT-Raman Spectroscopy for the Study of Experimental Paracoccidioidomycosis in the Spleen. <i>Photochemistry and Photobiology</i> , 2018, 94, 88-94.	1.3	5
121	Transport and thermodynamic properties of YbInNi ₄ xCu _x system. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 72-74.	1.0	4
122	Photoacoustic spectroscopy for monitoring the dyeing process of poly(ethylene terephthalate). <i>Analyst</i> , The, 2002, 127, 310-314.	1.7	4
123	Thermal lens temperature scanning for quantitative measurements in transparent materials (invited). <i>Review of Scientific Instruments</i> , 2003, 74, 291-296.	0.6	4
124	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.	1.5	4
125	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
126	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.	0.4	4

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127	Zinc oxide composites prepared by in situ process: UV barrier and luminescence properties. <i>Materials Letters</i> , 2014, 125, 75-77.	1.3	4
128	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.	2.8	4
129	Design of Nanostructured Lipid Carriers Containing <i>Cymbopogon martinii</i> (Palmarosa) Essential Oil against <i>Aspergillus nomius</i> . <i>Molecules</i> , 2021, 26, 4825.	1.7	4
130	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.	1.1	4
131	Transition from Kondo to intermediate valence regime in : an ESR study. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 9763-9768.	0.7	3
132	Magnetic properties of U(Ga _{1-x} Mx) ₂ with M=Cu, Al and Ge. <i>Physica B: Condensed Matter</i> , 2002, 312-313, 906-908.	1.3	3
133	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.	0.7	3
134	Thermal mirror and thermal lens techniques for semitransparent material characterization. <i>Journal of Physics: Conference Series</i> , 2010, 214, 012016.	0.3	3
135	On the induction of homogeneous bulk crystallization in Eu-doped calcium aluminosilicate glass by applying simultaneous high pressure and temperature. <i>Journal of Applied Physics</i> , 2016, 119, 245901.	1.1	3
136	Effect of magnetic coupling on non-radiative relaxation time of Fe ³⁺ sites on LaAl _{1-x} FexO ₃ pigments. <i>Journal of Applied Physics</i> , 2018, 123, 075101.	1.1	3
137	Kondo temperature and Heavy Fermion behavior in Yb _{1-x} YxCuAl series of alloys. <i>Physica B: Condensed Matter</i> , 2018, 536, 176-181.	1.3	3
138	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.	2.8	3
139	Analytical method to estimate resin cement diffusion into dentin. <i>Journal of Biomedical Optics</i> , 2016, 21, 055003.	1.4	3
140	Magnetic properties of the U(Ge _{1-x} Nix) ₂ system. <i>Journal of Applied Physics</i> , 2003, 93, 7825-7827.	1.1	2
141	Magnetic properties of the U _{1-x} La Pd ₂ Ga ₃ series of compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E1-E3.	1.0	2
142	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.	1.0	2
143	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
144	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

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145	Evidence of mixed valence in single crystals. <i>Physica B: Condensed Matter</i> , 2008, 403, 946-947.	1.3	2
146	Magnetic properties of $(\text{Ce}_{1-x}\text{La}_x)\text{PdIn}$ 2. <i>Physica B: Condensed Matter</i> , 2009, 404, 3018-3020.	1.3	2
147	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.	1.1	2
148	Temperature dependence of the thermophysical properties of Neodymium doped borate glasses. <i>Optical Materials</i> , 2011, 33, 1563-1568.	1.7	2
149	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.	1.2	2
150	Exchange parameter estimation and spin fluctuation time behavior in $(\text{La}_{1-x}\text{Ce}_x)\text{Al}$. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 140-144, 1141-1142.	1.0	1
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