

Otávio A Capeloto

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

187
citations

1307594

7
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Float, borosilicate and tellurites as cover glasses in Si photovoltaics: Optical properties and performances under sunlight. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 161, 110396.	4.0	6
2	Photophysical characterization of Hypericin-loaded in micellar, liposomal and copolymer-lipid nanostructures based F127 and DPPC liposomes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 248, 119173.	3.9	12
3	the interplay between Eu ³⁺ and Eu ²⁺ ions in the presence of a ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 248, 119173.	5.2	6
4	Induction and detection of pressure waves by pulsed thermal lens technique in water-ethanol mixtures. <i>Applied Optics</i> , 2021, 60, 4029.	1.8	5
5	Comment on "Experimental comparison of methods based on falling and rising signal regions for thermal diffusivity measurement by pulsed dual-beam thermal lens spectroscopy". <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 183, 109849.	5.0	0
6	Photoactivation of Erythrosine in simulated body fluids. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 259, 119867.	3.9	3
7	An Experimental Investigation of Sample Fluid Heat Coupling Effect in Thermal Lens Technique. <i>Applied Spectroscopy</i> , 2020, 74, 1274-1279.	2.2	3
8	Nanosecond pressure transient detection of laser-induced thermal lens. <i>Applied Optics</i> , 2020, 59, 3682.	1.8	8
9	Laser induced thermoelastic surface displacement in solids detected simultaneously by photothermal mirror and interferometry. <i>Optics Express</i> , 2020, 28, 7116.	3.4	7
10	Effect of ultraviolet (UV-C) radiation on spores and biofilms of <i>Alicyclobacillus</i> spp. in industrialized orange juice. <i>International Journal of Food Microbiology</i> , 2019, 305, 108238.	4.7	34
11	Preparation, structural and spectroscopic study of sol-gel-synthesized Cr^{3+} doped Al_2O_3 powder. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	6
12	Analysis of the Thermo-Reflectivity Coefficient Influence Using Photothermal Pump-Probe Techniques. <i>Applied Spectroscopy</i> , 2017, 71, 970-976.	2.2	2
13	Generation and detection of thermoelastic waves in metals by a photothermal mirror method. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	11
14	Quantitative assessment of radiation force effect at the dielectric air-liquid interface. <i>Scientific Reports</i> , 2016, 6, 20515.	3.3	19
15	Application of Photoreactive Barium Titanate (BaTiO ₃) Beam Fanning to the Photothermal Mirror Technique: An Experimental Analysis. <i>Applied Spectroscopy</i> , 2015, 69, 794-801.	2.2	0
16	Pulsed photothermal mirror technique: characterization of opaque materials. <i>Applied Optics</i> , 2014, 53, 7985.	2.1	17
17	Investigation of the Photobleaching Process of Eosin Y in Aqueous Solution by Thermal Lens Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2013, 117, 1932-1937.	2.6	48