

Daniele Dias

List of Publications by Year in descending order

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34
papers

303
citations

1040056

9
h-index

996975

15
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34
all docs

34
docs citations

34
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Raman and photoacoustic spectroscopies of SnO ₂ thin films deposited by spin coating technique. <i>Vibrational Spectroscopy</i> , 2020, 109, 103094.	2.2	27
3	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
4	Thermal Characterization In Vitro of Human Nail: Photoacoustic Study of the Aging Process. <i>Photochemistry and Photobiology</i> , 2007, 83, 1144-1148.	2.5	18
5	Experimental Design and Optimization of Triclosan and 2,8-Diclorodibenzeno-p-dioxina Degradation by the Fe/Nb ₂ O ₅ /UV System. <i>Catalysts</i> , 2019, 9, 343.	3.5	18
6	Effects of synthesis parameters on the properties and photocatalytic activity of the magnetic catalyst TiO ₂ /CoFe ₂ O ₄ applied to selenium photoreduction. <i>Journal of Water Process Engineering</i> , 2021, 42, 102163.	5.6	18
7	Photoacoustic spectroscopy and thermal diffusivity measurement on hydrogenated amorphous carbon thin films deposited by plasma-enhanced chemical vapor deposition. <i>Diamond and Related Materials</i> , 2014, 48, 1-5.	3.9	17
8	Degradation of emerging contaminants: Effect of thermal treatment on nb ₂ o ₅ as photocatalyst. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 419, 113484.	3.9	16
9	CeO ₂ -Fe ₂ O ₃ mixed oxides: Synthesis, characterization and evaluation in the photocatalytic degradation of nitroaromatic compounds from wastewater of the explosives industry. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 428, 113839.	3.9	11
10	A generalized Drude-Lorentz model for refractive index behavior of tellurite glasses. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 16949-16955.	2.2	9
11	Adapalene-loaded poly(μ -caprolactone) microparticles: Physicochemical characterization and in vitro penetration by photoacoustic spectroscopy. <i>PLoS ONE</i> , 2019, 14, e0213625.	2.5	9
12	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
13	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
14	Thermal, structural and optical properties of TeO ₂ -Na ₂ O-TiO ₂ glassy system. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 16695-16701.	2.2	8
15	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
16	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
17	Sol-gel Fe/TiO ₂ Magnetic Catalysts Applied to Selenium Photoreduction. <i>Topics in Catalysis</i> , 2020, 63, 1131-1144.	2.8	7
18	Characterization and In Vitro and In Vivo Evaluation of Tacrolimus-Loaded Poly(μ -Caprolactone) Nanocapsules for the Management of Atopic Dermatitis. <i>Pharmaceutics</i> , 2021, 13, 2013.	4.5	7

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19	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
20	Human nail thermal diffusivity obtained using the open photoacoustic cell technique. European Physical Journal Special Topics, 2005, 125, 657-660.	0.2	6
21	In vitro thermal diffusivity measurements as aging process study in human tooth hard tissues. Journal of Applied Physics, 2013, 114, 194705.	2.5	6
22	Stability testing of tacrolimus-loaded poly(ϵ -caprolactone) nanoparticles by physicochemical assays and Raman spectroscopy. Vibrational Spectroscopy, 2020, 110, 103139.	2.2	6
23	Effectiveness of a Shell and Helically Coiled Tube Heat Exchanger Operated With Gold Nanofluids at Low Concentration: A Multi-Level Factorial Analysis. Journal of Thermal Science and Engineering Applications, 2021, 13, .	1.5	5
24	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
25	Phase-resolved photoacoustic spectroscopy to monitor dental plaque on tooth enamel. Spectroscopy Letters, 2018, 51, 96-103.	1.0	4
26	Effect of magnetic coupling on non-radiative relaxation time of Fe ³⁺ sites on LaAl _{1-x} Fe _x O ₃ pigments. Journal of Applied Physics, 2018, 123, 075101.	2.5	3
27	Functioned catalysts with magnetic core applied in ibuprofen degradation. Water Science and Technology, 2021, 84, 2158-2179.	2.5	3
28	Photoacoustic Characterization of PC/PMMA blends doped with Eu(acac) ₃ . European Physical Journal Special Topics, 2005, 125, 387-390.	0.2	2
29	Thermo-Optical Properties of Perfluorinated Sulfonic Acid Membranes: An Investigation of Hydration Based on Absorption Spectra. Applied Spectroscopy, 2017, 71, 2504-2511.	2.2	2
30	Spectroscopic study of Nafion [®] membrane as a function of water content by Phase-Resolved Photoacoustic Method. Revista Brasileira De Física Tecnológica Aplicada, 2016, 3, .	0.1	2
31	Dyeing process optimization in natural fiber through the Photoacoustic Spectroscopy. Multidiscipline Modeling in Materials and Structures, 2015, 11, 273-283.	1.3	1
32	Raman gain coefficient of Er ³⁺ doped TeO ₂ -Li ₂ O-ZnO glasses. Journal of Materials Science: Materials in Electronics, 2019, 30, 16917-16921.	2.2	1
33	Quarry Residue: Treatment of Industrial Effluent Containing Dye. Catalysts, 2021, 11, 852.	3.5	1
34	ANÁLISE DE DEFEITOS RESIDUAIS EM PAPEL COMERCIAL ATRAVÉS DE ESPECTROSCOPIA FOTOACÚSTICA. Revista Brasileira De Física Tecnológica Aplicada, 2014, 1, .	0.1	1