

Andressa Novatski

List of Publications by Year in descending order

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60
papers

887
citations

516710

16
h-index

526287

27
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60
all docs

60
docs citations

60
times ranked

787
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	Characterization of oxyfluorotellurite glasses with TeO ₂ -Li ₂ O-ZnO-LiF composition. <i>Ceramics International</i> , 2022, 48, 4302-4311.	4.8	4
3	White light source and optical thermometry based on zinc-tellurite glass tri-doped with Tm ³⁺ /Er ³⁺ /Sm ³⁺ . <i>Journal of Alloys and Compounds</i> , 2022, 899, 163305.	5.5	9
4	A synergistic effect of heavy metal oxides to enhance the physical, optical, and radiation-absorption properties of TeO ₂ -Li ₂ O-BaO glasses. <i>Optik</i> , 2022, 261, 169189.	2.9	16
5	Anomalous thermal diffusion in two-layer system: The temperature profile and photoacoustic signal for rear light incidence. <i>International Journal of Thermal Sciences</i> , 2022, 179, 107661.	4.9	11
6	Interplay between super and subdiffusive behaviors in photothermal phenomena. <i>International Journal of Thermal Sciences</i> , 2021, 159, 106539.	4.9	7
7	Refractive index behavior of tellurite glasses. <i>Optical Materials</i> , 2021, 112, 110810.	3.6	8
8	Ursolic acid-loaded lipid-core nanocapsules reduce damage caused by estrogen deficiency in wound healing. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 203, 111720.	5.0	16
9	Microscopy and Histochemistry of Leaves and Stems of <i>Baccharis</i> Subgenus <i>Coridifoliae</i> (Asteraceae) Through LM and SEM-EDS. <i>Microscopy and Microanalysis</i> , 2021, 27, 1273-1289.	0.4	11
10	Validation of Analytical Methods for Tacrolimus Determination in Poly(μ -caprolactone) Nanocapsules and Identification of Drug Degradation Products. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 5920-5928.	0.9	5
11	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
12	Nystatin complexation with β -cyclodextrin: Spectroscopic evaluation of inclusion by FT-Raman, photoacoustic spectroscopy, and ¹ H NMR. <i>Materials Chemistry and Physics</i> , 2020, 239, 122117.	4.0	13
13	Stability testing of tacrolimus-loaded poly(ϵ -caprolactone) nanoparticles by physicochemical assays and Raman spectroscopy. <i>Vibrational Spectroscopy</i> , 2020, 110, 103139.	2.2	6
14	Fractional GCEs behaviors merged: Prediction to the photoacoustic signal obtained with subdiffusive and superdiffusive operators. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	10
15	Role of ZnO on TeO ₂ -Li ₂ O-ZnO glasses for optical and nuclear radiation shielding applications utilizing MCNP5 simulations and WINXCOM program. <i>Journal of Non-Crystalline Solids</i> , 2020, 544, 120162.	3.1	68
16	Raman and photoacoustic spectroscopies of SnO ₂ thin films deposited by spin coating technique. <i>Vibrational Spectroscopy</i> , 2020, 109, 103094.	2.2	27
17	Photoacoustic signal with two heating sources: theoretical predictions and experimental results for the open photoacoustic cell technique. <i>Measurement Science and Technology</i> , 2020, 31, 075202.	2.6	18
18	Co-Loaded Curcumin and Methotrexate Nanocapsules Enhance Cytotoxicity against Non-Small-Cell Lung Cancer Cells. <i>Molecules</i> , 2020, 25, 1913.	3.8	19

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19	Soret effect in lyotropic liquid crystal in the isotropic phase revealed by time-resolved thermal lens. Journal of Molecular Liquids, 2020, 312, 113381.	4.9	10
20	Optical properties and nuclear radiation shielding capacity of TeO ₂ -Li ₂ O-ZnO glasses. Optical Materials, 2020, 106, 109988.	3.6	57
21	Non-isothermal crystallization of TeO ₂ -Na ₂ O-TiO ₂ glasses. Journal of Non-Crystalline Solids, 2019, 524, 119655.	3.1	9
22	A generalized Drude-Lorentz model for refractive index behavior of tellurite glasses. Journal of Materials Science: Materials in Electronics, 2019, 30, 16949-16955.	2.2	9
23	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
24	Thermal, structural and optical properties of TeO ₂ -Na ₂ O-TiO ₂ glassy system. Journal of Materials Science: Materials in Electronics, 2019, 30, 16695-16701.	2.2	8
25	Hesperidin-Loaded Solid Lipid Nanoparticles: Development and Physicochemical Properties Evaluation. Journal of Nanoscience and Nanotechnology, 2019, 19, 4747-4757.	0.9	12
26	Adapalene-loaded poly(μ -caprolactone) microparticles: Physicochemical characterization and in vitro penetration by photoacoustic spectroscopy. PLoS ONE, 2019, 14, e0213625.	2.5	9
27	Thermal and optical properties of lithium-zinc-tellurite glasses. Materials Chemistry and Physics, 2019, 231, 150-158.	4.0	21
28	Theoretical predictions for photoacoustic signal: Fractionary thermal diffusion with modulated light absorption source. European Physical Journal Plus, 2019, 134, 1.	2.6	12
29	Long-lasting anti-platelet activity of cilostazol from poly(μ -caprolactone)-poly(ethylene glycol) blend nanocapsules. Materials Science and Engineering C, 2019, 94, 694-702.	7.3	29
30	Effect of magnetic coupling on non-radiative relaxation time of Fe ³⁺ sites on LaAl _{1-x} FexO ₃ pigments. Journal of Applied Physics, 2018, 123, 075101.	2.5	3
31	Luminescence and upconversion processes in Er ³⁺ doped TeO ₂ -Li ₂ O-ZnO tellurite glasses. Journal of Luminescence, 2018, 201, 110-114.	3.1	23
32	Investigating the real translucency of the endodontic fiber posts. AIP Advances, 2018, 8, 025225.	1.3	1
33	Characterization of Heat Diffusion Properties of Rubberized Two-Layer Systems Using Open Photoacoustic Cell Spectroscopy. Applied Spectroscopy, 2018, 72, 251-256.	2.2	2
34	Upconversion luminescence and hypersensitive transitions of Pr ³⁺ doped calcium aluminosilicate glasses. Journal of Luminescence, 2018, 202, 27-31.	3.1	10
35	Physicochemical, biological and release studies of chitosan membranes incorporated with Euphorbia umbellata fraction. Revista Brasileira De Farmacognosia, 2018, 28, 433-443.	1.4	11
36	Diffusion Process and Reaction on a Surface. Advances in Mathematical Physics, 2018, 2018, 1-11.	0.8	2

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37	Thermo-structural analysis of TeO ₂ -Li ₂ O-MoO ₃ glasses. Journal of Thermal Analysis and Calorimetry, 2018, 134, 1439-1445.	3.6	9
38	Innovative phytoformulation containing capsaicinoids: Microparticles development, analytical method validation, and anti-ulcer effect. Pharmacognosy Magazine, 2018, 14, 290.	0.6	3
39	Fractional Diffusion Equation with Spherical Symmetry and Reactive Boundary Conditions. Fundamenta Informaticae, 2017, 151, 341-354.	0.4	1
40	Host-guest complexes of 2-hydroxypropyl- β -cyclodextrin/ β -cyclodextrin and nifedipine: 1 H NMR, molecular modeling, and dissolution studies. Journal of Molecular Structure, 2017, 1150, 146-154.	3.6	6
41	Diffusion Processes and Drug Release: Capsaicinoids - Loaded Poly (ϵ -caprolactone) Microparticles. PLoS ONE, 2016, 11, e0157662.	2.5	4
42	Correlation between nonbridging oxygens and the thermal and optical properties of the TeO ₂ -Li ₂ O-MoO ₃ glassy system. Journal of Materials Research, 2015, 30, 2417-2424.	2.6	11
43	Polyvinylpyrrolidone Quantification in Paracetamol Using Phase-Resolved Photoacoustic Method. Spectroscopy Letters, 2015, 48, 427-430.	1.0	2
44	Effects of thermal oxidation on the effective thermal diffusivity of titanium alloys. Journal Physics D: Applied Physics, 2014, 47, 385306.	2.8	11
45	Pulsed photothermal mirror technique: characterization of opaque materials. Applied Optics, 2014, 53, 7985.	2.1	17
46	The phase-resolved photoacoustic method to indicate chemical assignments of paracetamol. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 121, 719-723.	3.9	9
47	The thermoelastic bending and thermal diffusion processes influence on photoacoustic signal generation using open photoacoustic cell technique. Journal of Applied Physics, 2013, 114, .	2.5	34
48	Tunable light emission and similarities with garnet structure of Ce-doped LSCAS glass for white-light devices. Journal of Alloys and Compounds, 2012, 510, 54-59.	5.5	47
49	Re-absorption process in the upconversion green emission of the erbium ion-doped fluorozirconate glass system. Journal of Luminescence, 2010, 130, 645-647.	3.1	1
50	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
51	Stark splitting of the ground state of Er ³⁺ in fluorozirconate glass at low temperature. Journal of Non-Crystalline Solids, 2010, 356, 114-116.	3.1	1
52	A step forward toward smart white lighting: Combination of glass phosphor and light emitting diodes. Applied Physics Letters, 2009, 95, .	3.3	46
53	A Step Forward Towards Smart White Lighting: Combination of Glass Phosphor and Blue LEDs. ECS Transactions, 2009, 25, 237-246.	0.5	1
54	Spectroscopic assignments of Ti^{3+} in titanium-doped. Physical Review B, 2008, 78, .	3.2	28

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55	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
56	Long Fluorescence Lifetime of Ti^{3+} in Low Silica Calcium Aluminosilicate Glass. Physical Review Letters, 2008, 100, 027402.	3.1	9
57	Characterization of thermo-optical and mechanical properties of calcium aluminosilicate glasses. Journal of Non-Crystalline Solids, 2006, 352, 3613-3617.	3.1	49
58	Luminescence quantum efficiency investigation of low silica calcium aluminosilicate glasses doped with Eu ₂ O ₃ by thermal lens spectrometry. Journal of Non-Crystalline Solids, 2006, 352, 3624-3627.	3.1	9
59	SIMVASTATIN-LOADED NANOCAPSULES REDUCE TNF- α EXPRESSION IN RAT PERITONEUM AFTER INFUSION OF PERITONEAL DIALYSIS SOLUTION. Asian Journal of Pharmaceutical and Clinical Research, 0, , 146-152.	0.3	0
60	DEVELOPMENT AND VALIDATION OF A FAST AND SENSITIVE UHPLC-PDA METHOD FOR THE QUANTIFICATION OF URSOLIC ACID IN POLY(L-LACTIC ACID) NANOCAPSULES. Asian Journal of Pharmaceutical and Clinical Research, 0, , 161-165.	0.3	1