

Norberto Aranha

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Upconversion fluorescence spectroscopy of Er ³⁺ /Yb ³⁺ -doped heavy metal Bi ₂ O ₃ -Na ₂ O-Nb ₂ O ₅ -GeO ₂ glass. <i>Journal of Applied Physics</i> , 1998, 83, 604-606.	1.1	123
2	Sericin from Bombyx mori cocoons. Part I: Extraction and physicochemical-biological characterization for biopharmaceutical applications. <i>Process Biochemistry</i> , 2017, 61, 163-177.	1.8	56
3	Collagen-hydroxyapatite films: piezoelectric properties. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2001, 86, 210-218.	1.7	54
4	Magneto-optical rotation of heavy-metal oxide glasses. <i>Journal of Non-Crystalline Solids</i> , 1998, 231, 134-142.	1.5	38
5	Properties and in vivo investigation of nanocrystalline hydroxyapatite obtained by mechanical alloying. <i>Materials Science and Engineering C</i> , 2004, 24, 549-554.	3.8	27
6	Preparation and characterization of heavy-metal oxide glasses: Bi ₂ O ₃ -PbO-B ₂ O ₃ -GeO ₂ system. <i>Journal of Materials Chemistry</i> , 1994, 4, 529-532.	6.7	19
7	Preparation and characterization of tellurium oxide based glass: Li ₂ O-TiO ₂ -TeO ₂ system. <i>Journal of Non-Crystalline Solids</i> , 1995, 191, 107-114.	1.5	17
8	Evaluation of Hollow Fiberoptic Tips for the Conduction of Er:YAG Laser. <i>Photomedicine and Laser Surgery</i> , 2005, 23, 410-415.	2.1	17
9	Biomimetic dense lamellar scaffold based on a colloidal complex of the polyaniline (PANI) and biopolymers for electroactive and physiomechanical stimulation of the myocardial. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 579, 123650.	2.3	16
10	Spectroscopic properties of Er ³⁺ in oxysulfide glasses. <i>Journal of Alloys and Compounds</i> , 2002, 344, 226-230.	2.8	15
11	Porosity measurement of solid pharmaceutical dosage forms by gamma-ray transmission. <i>Applied Radiation and Isotopes</i> , 2010, 68, 2223-2228.	0.7	12
12	Zidovudine-Poly(L-Lactic Acid) Solid Dispersions with Improved Intestinal Permeability Prepared by Supercritical Antisolvent Process. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 1691-1700.	1.6	11
13	Healing activity of <i>Casearia sylvestris</i> Sw. in second-degree scald burns in rodents. <i>BMC Research Notes</i> , 2015, 8, 269.	0.6	11
14	High Verdet constant Ga:S:La:O chalcogenide glasses for magneto-optical devices. <i>Optical Engineering</i> , 1999, 38, 214.	0.5	10
15	Thermally stimulated depolarization current and Mössbauer spectroscopy of iron-doped niobophosphate glasses. <i>Journal of Materials Science</i> , 1993, 28, 4305-4310.	1.7	8
16	The influence of semiconductor concentration on the size dispersion of quantum dots in glass. <i>Journal of Materials Science Letters</i> , 1996, 15, 1037-1040.	0.5	8
17	Ag ⁺ -Na ⁺ exchanged waveguides from molten salts in a chemically durable phosphate glass. <i>Electronics Letters</i> , 1996, 32, 1919.	0.5	7
18	Preparation and characterisation of high refractive index PbO-TiO ₂ -TeO ₂ glass systems. <i>Journal of Materials Chemistry</i> , 1996, 6, 1811-1814.	6.7	5

#	ARTICLE	IF	CITATIONS
19	Preparation and characterization of TiO ₂ -BaO-ZnO-B ₂ O ₃ glass systems for optical devices. Journal of Materials Science, 1995, 30, 6299-6302.	1.7	4
20	Deformulation of a solid pharmaceutical form using computed tomography and X-ray fluorescence. Journal of Physics: Conference Series, 2015, 630, 012002.	0.3	4
21	Study of the elemental composition of saliva of smokers and nonsmokers by X-ray fluorescence. Applied Radiation and Isotopes, 2016, 118, 221-227.	0.7	4
22	Production of bacterial cellulose nanocrystals via enzymatic hydrolysis and evaluation of their coating on alginate particles formed by ionotropic gelation. Carbohydrate Polymer Technologies and Applications, 2021, 2, 100155.	1.6	4
23	Projeto e construçãõ de um picnãmetro a ar para caracterizaãõ de insumos e produtos farmacãuticos. Quimica Nova, 2010, 33, 1384-1388.	0.3	3
24	A lei de Hooke e as molas nãõ-lineares, um estudo de caso. Revista Brasileira De Ensino De Fisica, 2016, 38, .	0.2	3
25	Dense lamellar scaffold, biomimetically inspired, for reverse cardiac remodeling: Effect of proanthocyanidins and glutaraldehyde. Journal of Dispersion Science and Technology, 2021, 42, 248-261.	1.3	3
26	An ultra stable glass system for optical fiber devices. Physical Chemistry Chemical Physics, 2001, 3, 613-615.	1.3	2
27	Sãntese e caracterizaãõ de scaffolds de fibroãna. Revista Materia, 2018, 23, .	0.1	1
28	Pollutants harmful to health in herbal products detected by X-ray fluorescence spectroscopy. Semina: Ciãncias Exatas E Tecnolãgicas, 2020, 41, 211.	0.3	1
29	NIOBIUM PHOSPHATE BINDER. Phosphorus Research Bulletin, 1999, 10, 611-616.	0.1	0
30	Estudo das oscilaãões amortecidas de um pãndulo fãsico com o auxãlio do "Tracker". Revista Brasileira De Ensino De Fisica, 2015, 37, 2504-1-2504-9.	0.2	0
31	Aparato educacional para estudo da queda livre com anãlise do movimento. Caderno Brasileiro De Ensino De Fãsica, 2016, 33, 1064.	0.0	0
32	Construçãõ de radiotelescãpio para anãlise de micro-ondas solares em 12 GHz. Revista Brasileira De Ensino De Fisica, 2017, 40, .	0.2	0
33	Project of Ceramic Pressure Transducer with Thick Film. IEEE Latin America Transactions, 2021, 19, 430-436.	1.2	0
34	ESTUDO SOBRE A VIABILIDADE TãCNICA E ECONãMICA DA RECICLAGEM DE ENTULHO PARA A PRODUããõ DE CONCRETO EM OBRAS CIVIS.. Engevista, 2017, 19, 1352.	0.1	0
35	Avaliaãõ fãsico-quãmica de cimentos Portland produzidos no Brasil, via Fluorescãncia por raios-X e resistãncia mecãnica. Semina: Ciãncias Exatas E Tecnolãgicas, 2020, 41, 3.	0.3	0
36	Bacterial nanocellulose and fibroin: natural products to produce a structure membranes. Revista Materia, 2021, 26, .	0.1	0