

Maria Gonalves

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2376975/publications.pdf>

Version: 2024-02-01

42
papers

943
citations

516710

16
h-index

454955

30
g-index

44
all docs

44
docs citations

44
times ranked

1248
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of Human Serum Albumin with Uremic Toxins: The Need of New Strategies Aiming at Uremic Toxins Removal. <i>Membranes</i> , 2022, 12, 261.	3.0	5
2	What Is Driving the Growth of Inorganic Glass in Smart Materials and Opto-Electronic Devices?. <i>Materials</i> , 2021, 14, 2926.	2.9	4
3	Improving hydraulic permeability, mechanical properties, and chemical functionality of cellulose acetate-based membranes by co-polymerization with tetraethyl orthosilicate and 3-(aminopropyl)triethoxysilane. <i>Carbohydrate Polymers</i> , 2021, 261, 117813.	10.2	19
4	Smart Shockwave Responsive Titania-Based Nanoparticles for Cancer Treatment. <i>Pharmaceutics</i> , 2021, 13, 1423.	4.5	10
5	Novel Cellulose Acetate-Based Monophasic Hybrid Membranes for Improved Blood Purification Devices: Characterization under Dynamic Conditions. <i>Membranes</i> , 2021, 11, 825.	3.0	12
6	Synthesis and Characterization of Novel Integral Asymmetric Monophasic Celluloseâ€“Acetate/Silica/Titania and Celluloseâ€“Acetate/Titania Membranes. <i>Membranes</i> , 2020, 10, 195.	3.0	10
7	Biomimetic Amorphous Titania Nanoparticles as Ultrasound Responding Agents to Improve Cavitation and ROS Production for Sonodynamic Therapy. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8479.	2.5	14
8	Encapsulation of active molecules in pharmaceutical sector: the role of ceramic nanocarriers. , 2020, , 53-83.		0
9	SPIONs Prepared in Air through Improved Synthesis Methodology: The Influence of Fe^{3+} - $\text{Fe}_2\text{O}_3/\text{Fe}_3\text{O}_4$ Ratio and Coating Composition on Magnetic Properties. <i>Nanomaterials</i> , 2019, 9, 943.	4.1	11
10	Daylight Bactericidal Titania Textiles: A Contribution to Nosocomial Infections Control. <i>Molecules</i> , 2019, 24, 1891.	3.8	13
11	Structure of water in hybrid cellulose acetate-silica ultrafiltration membranes and permeation properties. <i>Carbohydrate Polymers</i> , 2018, 189, 342-351.	10.2	41
12	Photonic Band Gap and Bactericide Performance of Amorphous Sol-Gel Titania: An Alternative to Crystalline TiO_2 . <i>Molecules</i> , 2018, 23, 1677.	3.8	35
13	Sol-gel Silica Nanoparticles in Medicine: A Natural Choice. Design, Synthesis and Products. <i>Molecules</i> , 2018, 23, 2021.	3.8	106
14	The role of silver nanoparticles on mixed matrix Ag/cellulose acetate asymmetric membranes. <i>Polymer Composites</i> , 2017, 38, 32-39.	4.6	18
15	Development of New Contrast Agents for Imaging Function and Metabolism by Magnetic Resonance Imaging. <i>Magnetic Resonance Insights</i> , 2017, 10, 1178623X1772213.	2.5	5
16	Greensilica Å° vectors for smart textiles. <i>Carbohydrate Polymers</i> , 2017, 156, 268-275.	10.2	8
17	Heavily Yb-doped silicate glass thick films. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 81, 105-113.	2.4	7
18	Coreâ€“shell superparamagnetic nanoparticles with interesting properties as contrast agents for MRI. <i>Materials Chemistry and Physics</i> , 2015, 168, 42-49.	4.0	13

#	ARTICLE	IF	CITATIONS
19	Nanomaterials. , 2015, , 629-677.		0
20	Silica and silica organically modified nanoparticles: Water dynamics in complex systems. Microporous and Mesoporous Materials, 2015, 217, 102-108.	4.4	10
21	Physisorption data for methyl-hybrid silica gels. Journal of Sol-Gel Science and Technology, 2015, 75, 508-518.	2.4	5
22	Crystallization of Sol-gel Derived Glasses. International Journal of Applied Glass Science, 2014, 5, 114-125.	2.0	10
23	Relaxivities of magnetoliposomes: The effect of cholesterol. Magnetic Resonance Imaging, 2013, 31, 610-612.	1.8	16
24	Preparation and Chemical Characterization of Eco-friendly ORMOSIL Nanoparticles of Potential Application in DNA Gene Therapy. Current Nanoscience, 2013, 9, 168-172.	1.2	5
25	Preparation and Chemical Characterization of Eco-friendly ORMOSIL Nanoparticles of Potential Application in DNA Gene Therapy. Current Nanoscience, 2013, 9, 168-172.	1.2	7
26	Up-conversion in rare earth-doped silica hollow spheres. Optical Materials, 2012, 34, 1440-1446.	3.6	8
27	Synthesis of monodispersed ORMOSIL nanoparticles and conjugation with DNA for gene therapy. , 2011, , .		1
28	Sol-gel derived photonic bandgap coatings for solar control. Optical Materials, 2011, 33, 1867-1871.	3.6	11
29	Flexible photonic crystals for strain sensing. Optical Materials, 2011, 33, 408-412.	3.6	36
30	Photoluminescence in Er ³⁺ /Yb ³⁺ -doped silica-titania inverse opal structures. Journal of Sol-Gel Science and Technology, 2010, 55, 52-58.	2.4	17
31	3-D rare earth-doped colloidal photonic crystals. Optical Materials, 2009, 31, 1315-1318.	3.6	31
32	Processing optimization and optical properties of 3-D photonic crystals. Journal of Non-Crystalline Solids, 2009, 355, 1189-1192.	3.1	18
33	An alternative method to obtain direct opal photonic crystal structures. Journal of Non-Crystalline Solids, 2009, 355, 1167-1170.	3.1	43
34	Design of photonic structures by sol-gel-derived silica nanospheres. Journal of Non-Crystalline Solids, 2007, 353, 674-678.	3.1	69
35	Process optimization of sol-gel derived colloidal photonic crystals. Journal of Sol-Gel Science and Technology, 2007, 42, 135-143.	2.4	20
36	Er ³⁺ ion dispersion in tellurium oxychloride glasses. Optical Materials, 2007, 29, 503-509.	3.6	38

#	ARTICLE	IF	CITATIONS
37	The effects of ZnCl ₂ and ErCl ₃ on the vibrational spectra and structure of tellurite glasses. Journal of Non-Crystalline Solids, 2006, 352, 690-694.	3.1	16
38	Sol-gel photonic bandgap materials and structures. Journal of Non-Crystalline Solids, 2004, 345-346, 562-569.	3.1	36
39	Nanostructured Mesoporous Silica Films. , 2003, , 159-168.		1
40	Rare-earth-doped transparent glass ceramics. Comptes Rendus Chimie, 2002, 5, 845-854.	0.5	200
41	Physical vapor deposition of rare-earth doped ZrF ₄ -based glass planar waveguides. Journal of Non-Crystalline Solids, 1999, 256-257, 194-199.	3.1	3
42	Incorporation of OH species in fluorozirconate glasses: nature and influence on physical properties. Journal of Non-Crystalline Solids, 1996, 194, 180-190.	3.1	9