Fernanda S Poletto

List of Publications by Year
in descending order

34 papers	1,018 citations	430754 18 h-index	434063 31 g-index
34 all docs	34 docs citations	34 times ranked	1529 citing authors

#	Article	IF	Citations
1	Reductionâ€Driven 3D to 2D Transformation of Cu Nanoparticles. Small, 2022, , 2106583.	5.2	3
2	Polymer-hybrid nanosystems for antiviral applications: Current advances. Biomedicine and Pharmacotherapy, 2022, 146, 112249.	2.5	9
3	Monoolein-based nanoparticles containing indinavir: a taste-masked drug delivery system. Drug Development and Industrial Pharmacy, 2021, 47, 83-91.	0.9	8
4	Preliminary results of PBA-loaded nanoparticles development and the effect on oxidative stress and neuroinflammation in rats submitted to a chemically induced chronic model of MSUD. Metabolic Brain Disease, 2021, 36, 1015-1027.	1.4	1
5	Reply to the Comment on â€œNew horizons in photocatalysis: the importance of mesopores for cerium oxideâ€•by A. S. Thill, W. T. Figueiredo, F. O. Lobato, M. O. Vaz, W. P. Fernandes, V. E. Carvalho, E. A. Soares, F. Poletto, S. R. Teixeira and F. Bernardi, <i>J. Mater. Chem. A</i>, 2020, 8, 24752. Journal of Materials Chemistry A, 2021, 9, 23726-23730.	5.2	1
6	Encapsulation in lipid-core nanocapsules improves topical treatment with the potent antileishmanial compound CH8. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 24, 102121.	1.7	6
7	New horizons in photocatalysis: the importance of mesopores for cerium oxide. Journal of Materials Chemistry A, 2020, 8, 24752-24762.	5.2	21
8	Shifting the band gap from UV to visible region in cerium oxide nanoparticles. Applied Surface Science, 2020, 528, 146860.	3.1	31
9	Nanoparticles containing Î²â€cyclodextrin potentially useful for the treatment of Niemannâ€Pick C. Journal of Inherited Metabolic Disease, 2020, 43, 586-601.	1.7	13
10	Physiological neutral pH drives a gradual lamellar-to-reverse cubic-to-reverse hexagonal phase transition in phytantriol-based nanoparticles. Colloids and Surfaces B: Biointerfaces, 2019, 177, 204-210.	2.5	13
11	Poly(-3-hydroxybutyrate-co-3-hydroxyvalerate) (PHBV): Current advances in synthesis methodologies, antitumor applications and biocompatibility. Journal of Drug Delivery Science and Technology, 2019, 51, 115-126.	1.4	92
12	Oxidative Imbalance, Nitrative Stress, and Inflammation in C6 Glial Cells Exposed to Hexacosanoic Acid: Protective Effect of N-acetyl-l-cysteine, Trolox, and Rosuvastatin. Cellular and Molecular Neurobiology, 2018, 38, 1505-1516.	1.7	11
13	Monoolein-based nanoparticles for drug delivery to the central nervous system: A platform for lysosomal storage disorder treatment. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 133, 96-103.	2.0	15
14	Artificial cerium-based proenzymes confined in lyotropic liquid crystals: synthetic strategy and on-demand activation. Journal of Materials Chemistry B, 2018, 6, 4920-4928.	2.9	6
15	Tuning the oxygen vacancy population of cerium oxide (CeO2â^'x, 0 <x<0.5) nanoparticles. Applied Surface Science, 2017, 422, 1102-1112.	3.1	76
16	Lipid-core nanocapsules increase the oral efficacy of quercetin in cutaneous leishmaniasis. Parasitology, 2017, 144, 1769-1774.	0.7	30
17	Smart Polymers: Synthetic Strategies, Supramolecular Morphologies, and Drug Loading. , 2016, , 147-164.		1
18	Tailoring the internal structure of liquid crystalline nanoparticles responsive to fungal lipases: A potential platform for sustained drug release. Colloids and Surfaces B: Biointerfaces, 2016, 147, 210-216.	2.5	18

#	Article	IF	Citations
19	Liquid Crystalline Nanostructured Polymer Blends. , 2016, , 39-54.		2
20	How Sorbitan Monostearate Can Increase Drug-Loading Capacity of Lipid-Core Polymeric Nanocapsules. Journal of Nanoscience and Nanotechnology, 2015, 15, 827-837.	0.9	23
21	An algorithm to determine the mechanism of drug distribution in lipid-core nanocapsule formulations. Soft Matter, 2013, 9, 1141-1150.	1.2	65
22	Sustained Antioxidant Activity of Quercetin-Loaded Lipid-Core Nanocapsules. Journal of Nanoscience and Nanotechnology, 2012, 12, 2874-2880.	0.9	17
23	Fluorescent-Labeled Poly(<I>Îµ</I>-caprolactone) Lipid-Core Nanocapsules: Synthesis, Physicochemical Properties and Macrophage Uptake. Journal of Colloid Science and Biotechnology, 2012, 1, 89-98.	0.2	36
24	Sputtering onto Liquids: From Thin Films to Nanoparticles. Journal of Physical Chemistry C, 2011, 115, 16362-16367.	1.5	67
25	Polymeric Nanocapsules: Concepts and Applications. , 2011, , 49-68.		25
26	Simultaneous Control of Capsaicinoids Release from Polymeric Nanocapsules. Journal of Nanoscience and Nanotechnology, 2011, 11, 2398-2406.	0.9	37
27	Polymeric Nanocapsules for Drug Delivery. Surfactant Science, 2010, , 71-98.	0.0	19
28	Size-Control of Poly(Îµ-caprolactone) Nanospheres by the Interface Effect of Ethanol on the Primary Emulsion Droplets. Journal of Nanoscience and Nanotechnology, 2009, 9, 4933-4941.	0.9	12
29	Sustained Release from Lipid-Core Nanocapsules by Varying the Core Viscosity and the Particle Surface Area. Journal of Biomedical Nanotechnology, 2009, 5, 130-140.	0.5	135
30	Semisolid Formulation Containing a Nanoencapsulated Sunscreen: Effectiveness, <I>In Vitro</I> Photostability and Immune Response. Journal of Biomedical Nanotechnology, 2009, 5, 240-246.	0.5	52
31	The effect of polymeric wall on the permeability of drug-loaded nanocapsules. Materials Science and Engineering C, 2008, 28, 472-478.	3.8	46
32	Controlling the size of poly(hydroxybutyrate-co-hydroxyvalerate) nanoparticles prepared by emulsificationâ€"diffusion technique using ethanol as surface agent. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 324, 105-112.	2.3	52
33	Nanotechnology in the Treatment and Detection of Intraocular Cancers. Journal of Biomedical Nanotechnology, 2008, 4, 410-418.	0.5	22
34	Rate-modulating PHBHV/PCL microparticles containing weak acid model drugs. International Journal of Pharmaceutics, 2007, 345, 70-80.	2.6	53