

Frederico Pittella

List of Publications by Year in descending order

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31
papers

1,370
citations

516681

16
h-index

434170

31
g-index

31
all docs

31
docs citations

31
times ranked

2341
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Rapid Nucleic Acid Extraction Methods for SARS-CoV-2 Detection by RT-qPCR. <i>Diagnostics</i> , 2022, 12, 601.	2.6	5
2	Adjusting RT-qPCR conditions to avoid unspecific amplification in SARS-CoV-2 diagnosis. <i>International Journal of Infectious Diseases</i> , 2021, 102, 437-439.	3.3	16
3	Neuroprotective Effect of siRNA Entrapped in Hyaluronic Acid-Coated Lipoplexes by Intravitreal Administration. <i>Pharmaceutics</i> , 2021, 13, 845.	4.5	7
4	Licochalcone A-loaded solid lipid nanoparticles improve antischistosomal activity in vitro and in vivo. <i>Nanomedicine</i> , 2021, 16, 1641-1655.	3.3	14
5	Short interfering RNA delivered by a hybrid nanoparticle targeting VEGF: Biodistribution and anti-tumor effect. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129938.	2.4	6
6	Nanostructured Lipid Carriers for the Formulation of Topical Anti-Inflammatory Nanomedicines Based on Natural Substances. <i>Pharmaceutics</i> , 2021, 13, 1454.	4.5	12
7	HOXB7 siRNA Delivered by Hybrid Nanoparticles and the Co-Therapy with Tamoxifen: Promising Strategy against Hormone Receptor-Positive Breast Cancer. <i>Materials Proceedings</i> , 2021, 4, 69.	0.2	1
8	Multifunctional hybrid nanoparticles as magnetic delivery systems for siRNA targeting the HER2 gene in breast cancer cells. <i>Materials Science and Engineering C</i> , 2020, 109, 110555.	7.3	52
9	Improved anti-Cutibacterium acnes activity of tea tree oil-loaded chitosan-poly(μ -caprolactone) core-shell nanocapsules. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111371.	5.0	23
10	Nanomedicine strategies for addressing major needs in neglected tropical diseases. <i>Annual Reviews in Control</i> , 2019, 48, 423-441.	7.9	10
11	Magnetically responsive hybrid nanoparticles for in vitro siRNA delivery to breast cancer cells. <i>Materials Science and Engineering C</i> , 2019, 99, 1182-1190.	7.3	39
12	Genetic, reproductive and oxidative damage in mice triggered by co-exposure of nanoparticles: From a hypothetical scenario to a real concern. <i>Science of the Total Environment</i> , 2019, 660, 1264-1273.	8.0	18
13	Setting Precise Temperature for Triggered Release from Nanostructured Lipid Carriers. <i>IFAC-PapersOnLine</i> , 2018, 51, 1-6.	0.9	2
14	Controlled release of resveratrol from lipid nanoparticles improves antioxidant effect. <i>IFAC-PapersOnLine</i> , 2018, 51, 16-21.	0.9	21
15	In vivo antiapoptotic gene silencing: hybrid nanoparticles as delivery system. <i>IFAC-PapersOnLine</i> , 2018, 51, 10-15.	0.9	4
16	Knockdown of antiapoptotic genes in breast cancer cells by siRNA loaded into hybrid nanoparticles. <i>Nanotechnology</i> , 2017, 28, 175101.	2.6	16
17	Screening antimycobacterial activity of <i>Baccharis dracunculifolia</i> , <i>Centella asiatica</i> , <i>Lantana camara</i> and <i>Pterodon emarginatus</i> . <i>Revista Brasileira De Plantas Medicinai</i> s, 2015, 17, 891-899.	0.3	8
18	Fine-tuning of Charge-Conversion Polymer Structure for Efficient Endosomal Escape of siRNA-Loaded Calcium Phosphate Hybrid Micelles. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1211-1215.	3.9	44

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19	Systemic siRNA delivery to a spontaneous pancreatic tumor model in transgenic mice by PEGylated calcium phosphate hybrid micelles. <i>Journal of Controlled Release</i> , 2014, 178, 18-24.	9.9	108
20	Precise Engineering of siRNA Delivery Vehicles to Tumors Using Polyion Complexes and Gold Nanoparticles. <i>ACS Nano</i> , 2014, 8, 8979-8991.	14.6	126
21	Influence of Surfactant and Lipid Type on the Physicochemical Properties and Biocompatibility of Solid Lipid Nanoparticles. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 8581-8596.	2.6	54
22	Polymeric Micelles for siRNA Delivery. <i>Advances in Delivery Science and Technology</i> , 2013, , 161-184.	0.4	7
23	PEG-detachable cationic polyaspartamide derivatives bearing stearyl moieties for systemic siRNA delivery toward subcutaneous BxPC3 pancreatic tumor. <i>Journal of Drug Targeting</i> , 2012, 20, 33-42.	4.4	38
24	Dual Environment-Responsive Polyplex Carriers for Enhanced Intracellular Delivery of Plasmid DNA. <i>Biomacromolecules</i> , 2012, 13, 3641-3649.	5.4	58
25	Chemical composition and cytotoxicity activity of the essential oil of <i>Pterodon emarginatus</i> . <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 971-978.	1.4	23
26	Targeted Polymeric Micelles for siRNA Treatment of Experimental Cancer by Intravenous Injection. <i>ACS Nano</i> , 2012, 6, 5174-5189.	14.6	186
27	Pancreatic cancer therapy by systemic administration of VEGF siRNA contained in calcium phosphate/charge-conversional polymer hybrid nanoparticles. <i>Journal of Controlled Release</i> , 2012, 161, 868-874.	9.9	103
28	Enhanced endosomal escape of siRNA-incorporating hybrid nanoparticles from calcium phosphate and PEG-block charge-conversional polymer for efficient gene knockdown with negligible cytotoxicity. <i>Biomaterials</i> , 2011, 32, 3106-3114.	11.4	157
29	Antioxidant and Cytotoxic Activities of <i>Centella asiatica</i> (L) Urb.. <i>International Journal of Molecular Sciences</i> , 2009, 10, 3713-3721.	4.1	162
30	<i>Centella asiatica</i> water extract inhibits iPLA2 and cPLA2 activities in rat cerebellum. <i>Phytomedicine</i> , 2008, 15, 896-900.	5.3	37
31	Synthesis and Antimicrobial Activity of Pyridine Derivatives Substituted at C-2 and C-6 Positions. <i>Letters in Drug Design and Discovery</i> , 2007, 4, 149-153.	0.7	13