

Luigi S Battaglia

List of Publications by Year in descending order

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46
papers

2,093
citations

236925

25
h-index

233421

45
g-index

47
all docs

47
docs citations

47
times ranked

3044
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid nanoparticles: state of the art, new preparation methods and challenges in drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2012, 9, 497-508.	5.0	277
2	Solid lipid nanoparticles as vehicles of drugs to the brain: Current state of the art. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 433-444.	4.3	166
3	Lipid nanoparticles for intranasal administration: application to nose-to-brain delivery. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 369-378.	5.0	123
4	Application of lipid nanoparticles to ocular drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 1743-1757.	5.0	105
5	Solid lipid nanoparticles produced through a coacervation method. <i>Journal of Microencapsulation</i> , 2010, 27, 78-85.	2.8	103
6	Preparation of solid lipid nanoparticles from W/O/W emulsions: Preliminary studies on insulin encapsulation. <i>Journal of Microencapsulation</i> , 2009, 26, 394-402.	2.8	82
7	Formulation of curcumin-loaded solid lipid nanoparticles produced by fatty acids coacervation technique. <i>Journal of Microencapsulation</i> , 2011, 28, 537-548.	2.8	80
8	Solid Lipid Nanoparticles for Potential Doxorubicin Delivery in Glioblastoma Treatment: Preliminary In Vitro Studies. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 2157-2165.	3.3	77
9	Positive-charged solid lipid nanoparticles as paclitaxel drug delivery system in glioblastoma treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 746-758.	4.3	68
10	Lipid Nano- and Microparticles: An Overview of Patent-Related Research. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-22.	2.7	68
11	Solid lipid nanoparticles formed by solvent-in-water emulsion "diffusion technique: Development and influence on insulin stability. <i>Journal of Microencapsulation</i> , 2007, 24, 672-684.	2.8	66
12	Bevacizumab loaded solid lipid nanoparticles prepared by the coacervation technique: preliminary <i>in vitro</i> studies. <i>Nanotechnology</i> , 2015, 26, 255102.	2.6	65
13	<p>Overcoming the Blood "Brain Barrier: Successes and Challenges in Developing Nanoparticle-Mediated Drug Delivery Systems for the Treatment of Brain Tumours</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 2999-3022.	6.7	61
14	Solid Lipid Nanoparticles Carrying Temozolomide for Melanoma Treatment. Preliminary In Vitro and In Vivo Studies. <i>International Journal of Molecular Sciences</i> , 2018, 19, 255.	4.1	56
15	Recent studies on the delivery of hydrophilic drugs in nanoparticulate systems. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 32, 298-312.	3.0	48
16	Development and Characterization of Solid Lipid Nanoparticles Loaded with a Highly Active Doxorubicin Derivative. <i>Nanomaterials</i> , 2018, 8, 110.	4.1	46
17	Peptide-Loaded Solid Lipid Nanoparticles Prepared through Coacervation Technique. <i>International Journal of Chemical Engineering</i> , 2011, 2011, 1-6.	2.4	45
18	The DNA damage/repair cascade in glioblastoma cell lines after chemotherapeutic agent treatment. <i>International Journal of Oncology</i> , 2015, 46, 2299-2308.	3.3	44

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19	Methotrexate-loaded SLNs prepared by coacervation technique: <i>in vitro</i> cytotoxicity and <i>in vivo</i> pharmacokinetics and biodistribution. <i>Nanomedicine</i> , 2011, 6, 1561-1573.	3.3	40
20	Methotrexate-Loaded Solid Lipid Nanoparticles: Protein Functionalization to Improve Brain Biodistribution. <i>Pharmaceutics</i> , 2019, 11, 65.	4.5	39
21	SARS-CoV-2: "Three-steps" infection model and CSF diagnostic implication. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 128-129.	4.1	38
22	Solid lipid nanoparticles by coacervation loaded with a methotrexate prodrug: preliminary study for glioma treatment. <i>Nanomedicine</i> , 2017, 12, 639-656.	3.3	28
23	Lipid nanoparticles as vehicles for oral delivery of insulin and insulin analogs: preliminary <i>ex vivo</i> and <i>in vivo</i> studies. <i>Acta Diabetologica</i> , 2019, 56, 1283-1292.	2.5	28
24	A retrospective two-center study of antiepileptic prophylaxis in patients with surgically treated high-grade gliomas. <i>Neurology India</i> , 2013, 61, 131.	0.4	26
25	Nanosystems in Cosmetic Products: A Brief Overview of Functional, Market, Regulatory and Safety Concerns. <i>Pharmaceutics</i> , 2021, 13, 1408.	4.5	26
26	Nanoemulsions as Delivery Systems for Poly-Chemotherapy Aiming at Melanoma Treatment. <i>Cancers</i> , 2020, 12, 1198.	3.7	25
27	Gene delivery in the cornea: <i>in vitro</i> & <i>ex vivo</i> evaluation of solid lipid nanoparticle-based vectors. <i>Nanomedicine</i> , 2018, 13, 1847-1854.	3.3	22
28	The influence of surface charge and photo-reactivity on skin-permeation enhancer property of nano-TiO ₂ in <i>ex vivo</i> pig skin model under indoor light. <i>International Journal of Pharmaceutics</i> , 2014, 467, 90-99.	5.2	20
29	Solid lipid nanoparticles carrying lipophilic derivatives of doxorubicin: preparation, characterization, and <i>in vitro</i> cytotoxicity studies. <i>Journal of Microencapsulation</i> , 2016, 33, 381-390.	2.8	18
30	Techniques for the Preparation of Solid Lipid Nano and Microparticles. , 0, , .		17
31	Topical Administration of SLN-Based Gene Therapy for the Treatment of Corneal Inflammation by De Novo IL-10 Production. <i>Pharmaceutics</i> , 2020, 12, 584.	4.5	17
32	Lipophilic Prodrug of Floxuridine Loaded into Solid Lipid Nanoparticles: <i>In Vitro</i> Cytotoxicity Studies on Different Human Cancer Cell Lines. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 556-563.	0.9	16
33	Validation of Thiosemicarbazone Compounds as P-Glycoprotein Inhibitors in Human Primary Brain "Blood Barrier and Glioblastoma Stem Cells. <i>Molecular Pharmaceutics</i> , 2019, 16, 3361-3373.	4.6	14
34	Insulin-Loaded SLN Prepared with the Emulsion Dilution Technique: <i>In Vivo</i> Tracking of Nanoparticles after Oral Administration to Rats. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 1041-1045.	2.4	13
35	Gene Therapy. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2019, 171, 321-368.	1.1	12
36	mRNA-Based Nanomedicinal Products to Address Corneal Inflammation by Interleukin-10 Supplementation. <i>Pharmaceutics</i> , 2021, 13, 1472.	4.5	11

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37	Nanotechnology Addressing Cutaneous Melanoma: The Italian Landscape. <i>Pharmaceutics</i> , 2021, 13, 1617.	4.5	11
38	Glargine insulin loaded lipid nanoparticles: Oral delivery of liquid and solid oral dosage forms. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 691-698.	2.6	10
39	Towards precision nanomedicine for cerebrovascular diseases with emphasis on Cerebral Cavernous Malformation (CCM). <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 849-876.	5.0	10
40	Intranasal lipid nanocarriers: Uptake studies with fluorescently labeled formulations. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 214, 112470.	5.0	8
41	Solid Lipid Nanoparticles Loaded with Antitumor Lipophilic Prodrugs Aimed to Glioblastoma Treatment: Preliminary Studies on Cultured Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 3606-3614.	0.9	6
42	Comparison of Allogeneic and Syngeneic Rat Glioma Models by Using MRI and Histopathologic Evaluation. <i>Comparative Medicine</i> , 2017, 67, 147-156.	1.0	6
43	Delayed onset of fatal encephalitis in a COVID-19 positive patient. <i>International Journal of Neuroscience</i> , 2023, 133, 77-80.	1.6	5
44	Solid Lipid Nanoparticles Loaded with Fluorescent-labelled Cyclosporine A: Anti-Inflammatory Activity In Vitro. <i>Protein and Peptide Letters</i> , 2014, 21, 1157-1162.	0.9	5
45	Lipid Nanosystems in Topical PUVA Therapy. <i>Journal of Dispersion Science and Technology</i> , 2012, 33, 565-569.	2.4	4
46	Ocular delivery of solid lipid nanoparticles. , 2018, , 269-312.		4