

Antonio Lopalco

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,503
citations

236612

25
h-index

344852

36
g-index

61
all docs

61
docs citations

61
times ranked

2181
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of Decarboxylation of Pyruvic Acid in the Presence of Hydrogen Peroxide. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 705-713.	1.6	61
2	Carnosine modulates nitric oxide in stimulated murine RAW 264.7 macrophages. <i>Molecular and Cellular Biochemistry</i> , 2017, 431, 197-210.	1.4	61
3	Unveiling the Efficacy, Safety, and Tolerability of Anti-Interleukin-1 Treatment in Monogenic and Multifactorial Autoinflammatory Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1898.	1.8	60
4	Targeting human liver cancer cells with lactobionic acid-G(4)-PAMAM-FITC sorafenib loaded dendrimers. <i>International Journal of Pharmaceutics</i> , 2017, 528, 485-497.	2.6	57
5	Transferrin Functionalized Liposomes Loading Dopamine HCl: Development and Permeability Studies across an In Vitro Model of Human Blood–Brain Barrier. <i>Nanomaterials</i> , 2018, 8, 178.	1.9	55
6	Spray-dried mucoadhesives for intravesical drug delivery using N-acetylcysteine- and glutathione-glycol chitosan conjugates. <i>Acta Biomaterialia</i> , 2016, 43, 170-184.	4.1	54
7	In vitro targeting and imaging the translocator protein TSPO 18-kDa through G(4)-PAMAM–FITC labeled dendrimer. <i>Journal of Controlled Release</i> , 2013, 172, 1111-1125.	4.8	52
8	Translocator Protein Ligand–PLGA Conjugated Nanoparticles for 5-Fluorouracil Delivery to Glioma Cancer Cells. <i>Molecular Pharmaceutics</i> , 2014, 11, 859-871.	2.3	50
9	Cytokine Signatures in Mucocutaneous and Ocular Behçet’s Disease. <i>Frontiers in Immunology</i> , 2017, 8, 200.	2.2	50
10	Preactivated thiolated glycogen as mucoadhesive polymer for drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 119, 161-169.	2.0	45
11	PEGylated solid lipid nanoparticles for brain delivery of lipophilic kateplatin Pt(IV) prodrugs: An in vitro study. <i>International Journal of Pharmaceutics</i> , 2020, 583, 119351.	2.6	45
12	Oxcarbazepine-loaded polymeric nanoparticles: development and permeability studies across in vitro models of the blood–brain barrier and human placental trophoblast. <i>International Journal of Nanomedicine</i> , 2015, 10, 1985.	3.3	42
13	S-preactivated thiolated glycol chitosan useful to combine mucoadhesion and drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 132, 103-111.	2.0	38
14	Novel codrugs with GABAergic activity for dopamine delivery in the brain. <i>International Journal of Pharmaceutics</i> , 2012, 437, 221-231.	2.6	36
15	Boric Acid, a Lewis Acid With Unique and Unusual Properties: Formulation Implications. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 2375-2386.	1.6	36
16	Determination of pKa and Hydration Constants for a Series of α -Keto-Carboxylic Acids Using Nuclear Magnetic Resonance Spectrometry. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 664-672.	1.6	35
17	Spray Dried Chitosan Microparticles for Intravesical Delivery of Celecoxib: Preparation and Characterization. <i>Pharmaceutical Research</i> , 2016, 33, 2195-2208.	1.7	32
18	Putative Role of Serum Amyloid-A and Proinflammatory Cytokines as Biomarkers for Behçet’s Disease. <i>Medicine (United States)</i> , 2015, 94, e1858.	0.4	31

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19	The autoinflammatory side of recurrent pericarditis: Enlightening the pathogenesis for a more rational treatment. <i>Trends in Cardiovascular Medicine</i> , 2021, 31, 265-274.	2.3	31
20	Thiolated hydroxypropyl- β -cyclodextrin as mucoadhesive excipient for oral delivery of budesonide in liquid paediatric formulation. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118820.	2.6	30
21	Effect of Molecular Structure on the Relative Hydrogen Peroxide Scavenging Ability of Some α -Keto Carboxylic Acids. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2879-2885.	1.6	29
22	Nanoformulations for Drug Delivery: Safety, Toxicity, and Efficacy. <i>Methods in Molecular Biology</i> , 2018, 1800, 347-365.	0.4	28
23	Induced expression of P-gp and BCRP transporters on brain endothelial cells using transferrin functionalized nanostructured lipid carriers: A first step of a potential strategy for the treatment of Alzheimer's disease. <i>International Journal of Pharmaceutics</i> , 2020, 591, 120011.	2.6	28
24	Dinuclear Pt(II)-bisphosphonate complexes: a scaffold for multinuclear or different oxidation state platinum drugs. <i>Dalton Transactions</i> , 2012, 41, 9689.	1.6	26
25	Alginate-Based Hydrogel Containing Minoxidil/Hydroxypropyl- β -Cyclodextrin Inclusion Complex for Topical Alopecia Treatment. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 1046-1054.	1.6	26
26	Direct cyclodextrin-based powder extrusion 3D printing for one-step production of the BCS class II model drug niclosamide. <i>Drug Delivery and Translational Research</i> , 2022, 12, 1895-1910.	3.0	26
27	New ethanol and propylene glycol free gel formulations containing a minoxidil-methyl- β -cyclodextrin complex as promising tools for alopecia treatment. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 728-736.	0.9	25
28	Characterization of minoxidil/hydroxypropyl- β -cyclodextrin inclusion complex in aqueous alginate gel useful for alopecia management: Efficacy evaluation in male rat. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 122, 146-157.	2.0	25
29	Critical regulation of Th17 cell differentiation by serum amyloid-A signalling in Behcet's disease. <i>Immunology Letters</i> , 2018, 201, 38-44.	1.1	24
30	Taste masking of propranolol hydrochloride by microbeads of EUDRAGIT [®] E PO obtained with prilling technique for paediatric oral administration. <i>International Journal of Pharmaceutics</i> , 2020, 574, 118922.	2.6	23
31	Spray-dried mucoadhesive microparticles based on S-protected thiolated hydroxypropyl- β -cyclodextrin for budesonide nasal delivery. <i>International Journal of Pharmaceutics</i> , 2021, 603, 120728.	2.6	23
32	Microfluidic preparation and in vitro evaluation of iRGD-functionalized solid lipid nanoparticles for targeted delivery of paclitaxel to tumor cells. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121246.	2.6	23
33	Assessment of TSPO in a Rat Experimental Autoimmune Myocarditis Model: A Comparison Study between [18F]Fluoromethyl-PBR28 and [18F]CB251. <i>International Journal of Molecular Sciences</i> , 2018, 19, 276.	1.8	21
34	Dasatinib/HP- β -CD Inclusion Complex Based Aqueous Formulation as a Promising Tool for the Treatment of Paediatric Neuromuscular Disorders. <i>International Journal of Molecular Sciences</i> , 2019, 20, 591.	1.8	20
35	TSPO-targeted NIR-fluorescent ultra-small iron oxide nanoparticles for glioblastoma imaging. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 139, 105047.	1.9	19
36	Bcr-Abl Tyrosine Kinase Inhibitors in the Treatment of Pediatric CML. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4469.	1.8	19

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37	Delivery of Proapoptotic Agents in Glioma Cell Lines by TSPO Ligand- α -Dextran Nanogels. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1155.	1.8	18
38	Contact allergy to electrocardiogram electrodes caused by acrylic acid without sensitivity to methacrylates and ethyl cyanoacrylate. <i>Contact Dermatitis</i> , 2018, 79, 118-121.	0.8	17
39	Magnetic implants in vivo guiding sorafenib liver delivery by superparamagnetic solid lipid nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 239-254.	5.0	17
40	Oxazepam- α -Dopamine Conjugates Increase Dopamine Delivery into Striatum of Intact Rats. <i>Molecular Pharmaceutics</i> , 2017, 14, 3178-3187.	2.3	16
41	The Complexity of the Blood-Brain Barrier and the Concept of Age-Related Brain Targeting: Challenges and Potential of Novel Solid Lipid-Based Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 577-592.	1.6	16
42	Bridging Pharmaceutical Chemistry with Drug and Nanoparticle Targeting to Investigate the Role of the 18 α -kDa Translocator Protein TSPO. <i>ChemMedChem</i> , 2017, 12, 1261-1274.	1.6	15
43	Chitosan/sulfobutylether- β -cyclodextrin based nanoparticles coated with thiolated hyaluronic acid for indomethacin ophthalmic delivery. <i>International Journal of Pharmaceutics</i> , 2022, 622, 121905.	2.6	14
44	Radiosynthesis and characterization of [18F]BS224: a next-generation TSPO PET ligand insensitive to the rs6971 polymorphism. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 49, 110-124.	3.3	13
45	Origins, and formulation implications, of the pK difference between boronic acids and their esters: A density functional theory study. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 124, 10-16.	1.9	10
46	Pharmaceutical preformulation studies and paediatric oral formulations of sodium dichloroacetate. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 127, 339-350.	1.9	10
47	Acrylate and methacrylate allergy: When is patch testing with acrylic acid recommended?. <i>Contact Dermatitis</i> , 2020, 82, 231-233.	0.8	10
48	Isolation, Solubility, and Characterization of D-Mannitol Esters of 4-Methoxybenzeneboronic Acid. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 601-610.	1.6	8
49	In Vivo Investigation of (2-Hydroxypropyl)- β -cyclodextrin-Based Formulation of Spironolactone in Aqueous Solution for Paediatric Use. <i>Pharmaceutics</i> , 2022, 14, 780.	2.0	8
50	TSPO Ligand-Methotrexate Prodrug Conjugates: Design, Synthesis, and Biological Evaluation. <i>International Journal of Molecular Sciences</i> , 2016, 17, 967.	1.8	7
51	Paediatric Formulation: Design and Development. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7118.	1.8	6
52	Safety of systemic treatments for Behçet's syndrome. <i>Expert Opinion on Drug Safety</i> , 2020, 19, 1269-1301.	1.0	6
53	Bortezomib Aqueous Solubility in the Presence and Absence of D-Mannitol: A Clarification With Formulation Implications. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 543-547.	1.6	6
54	Mechanism of Degradation of an α -Keto-Epoxy, a Model for the Warhead for Various Proteasome Inhibitor Anticancer Agents. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1051-1061.	1.6	4

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55	Hydroxy-Propil- β -Cyclodextrin Inclusion Complexes of two Biphenylnicotinamide Derivatives: Formulation and Anti-Proliferative Activity Evaluation in Pancreatic Cancer Cell Models. International Journal of Molecular Sciences, 2020, 21, 6545.	1.8	4
56	The Pharmaceutical Technology Approach on Imaging Innovations from Italian Research. Pharmaceutics, 2021, 13, 1214.	2.0	4
57	From oil to microparticulate by prilling technique: Production of polynucleate alginate beads loading <i>Serenoa Repens</i> oil as intestinal delivery systems. International Journal of Pharmaceutics, 2021, 599, 120412.	2.6	3
58	Some Preformulation Studies of Pyruvic Acid and Other α -Keto Carboxylic Acids in Aqueous Solution: Pharmaceutical Formulation Implications for These Peroxide Scavengers. Journal of Pharmaceutical Sciences, 2019, 108, 3281-3288.	1.6	2
59	Development of purified glycogen derivatives as siRNA nanovectors. International Journal of Pharmaceutics, 2021, 608, 121128.	2.6	2
60	Stability data of extemporaneous suspensions of hydroxychloroquine sulphate in oral liquid bases after tablet manipulation. Data in Brief, 2020, 33, 106575.	0.5	1
61	Stability of Diazepam Enema Extemporaneous Formulation in Manzoni Base. International Journal of Pharmaceutical Compounding, 2021, 25, 427-430.	0.0	0