

Valentino Laquintana

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

1,980
citations

236925

25
h-index

289244

40
g-index

73
all docs

73
docs citations

73
times ranked

2806
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	9.4	17
2	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.	5.8	26
3	Microfluidic-Assisted Preparation of Targeted pH-Responsive Polymeric Micelles Improves Gemcitabine Effectiveness in PDAC: In Vitro Insights. <i>Cancers</i> , 2022, 14, 5.	3.7	12
4	Chitosan/sulfobutylether- β -cyclodextrin based nanoparticles coated with thiolated hyaluronic acid for indomethacin ophthalmic delivery. <i>International Journal of Pharmaceutics</i> , 2022, 622, 121905.	5.2	14
5	From oil to microparticulate by prilling technique: Production of polynucleate alginate beads loading Serenoa Repens oil as intestinal delivery systems. <i>International Journal of Pharmaceutics</i> , 2021, 599, 120412.	5.2	3
6	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.	5.2	23
7	Polyphenols Epigallocatechin Gallate and Resveratrol, and Polyphenol-Functionalized Nanoparticles Prevent Enterovirus Infection through Clustering and Stabilization of the Viruses. <i>Pharmaceutics</i> , 2021, 13, 1182.	4.5	15
8	Development of purified glycogen derivatives as siRNA nanovectors. <i>International Journal of Pharmaceutics</i> , 2021, 608, 121128.	5.2	2
9	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.	5.2	23
10	Luminescent PLGA Nanoparticles for Delivery of Darunavir to the Brain and Inhibition of Matrix Metalloproteinase-9, a Relevant Therapeutic Target of HIV-Associated Neurological Disorders. <i>ACS Chemical Neuroscience</i> , 2021, 12, 4286-4301.	3.5	9
11	The Neuro-Protective Effects of the TSPO Ligands CB86 and CB204 on 6-OHDA-Induced PC12 Cell Death as an In Vitro Model for Parkinson's Disease. <i>Biology</i> , 2021, 10, 1183.	2.8	0
12	Radiosynthesis and characterization of [^{18}F]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.	6.4	13
13	Taste masking of propranolol hydrochloride by microbeads of EUDRAGIT $^{\circledR}$ E PO obtained with prilling technique for paediatric oral administration. <i>International Journal of Pharmaceutics</i> , 2020, 574, 118922.	5.2	23
14	Effectiveness of a Controlled 5-FU Delivery Based on FZD10 Antibody-Conjugated Liposomes in Colorectal Cancer In vitro Models. <i>Pharmaceutics</i> , 2020, 12, 650.	4.5	21
15	Hydroxy-Propyl- β -Cyclodextrin Inclusion Complexes of two Biphenylnicotinamide Derivatives: Formulation and Anti-Proliferative Activity Evaluation in Pancreatic Cancer Cell Models. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6545.	4.1	4
16	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.	5.2	28
17	The hydroxypropyl- β -cyclodextrin-minoxidil inclusion complex improves the cardiovascular and proliferative adverse effects of minoxidil in male rats: Implications in the treatment of alopecia. <i>Pharmacology Research and Perspectives</i> , 2020, 8, e00585.	2.4	6
18	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.	5.2	45

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19	Boric Acid, a Lewis Acid With Unique and Unusual Properties: Formulation Implications. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 2375-2386.	3.3	36
20	Efficaciousness of Low Affinity Compared to High Affinity TSPO Ligands in the Inhibition of Hypoxic Mitochondrial Cellular Damage Induced by Cobalt Chloride in Human Lung H1299 Cells. <i>Biomedicines</i> , 2020, 8, 106.	3.2	6
21	Multi-sulfonated ligands on gold nanoparticles as virucidal antiviral for Dengue virus. <i>Scientific Reports</i> , 2020, 10, 9052.	3.3	32
22	Reproducibility warning: The curious case of polyethylene glycol 6000 and spheroid cell culture. <i>PLoS ONE</i> , 2020, 15, e0224002.	2.5	4
23	Gold-Speckled SPION@SiO ₂ Nanoparticles Decorated with Thiocarbohydrates for ASGPR1 Targeting: Towards HCC Dual Mode Imaging Potential Applications. <i>Chemistry - A European Journal</i> , 2020, 26, 11048-11059.	3.3	8
24	The protective effect of the TSPO ligands 2,4-Di-Cl-MGV-1, CB86, and CB204 against LPS-induced M1 pro-inflammatory activation of microglia. <i>Brain, Behavior, & Immunity - Health</i> , 2020, 5, 100083.	2.5	11
25	Stability data of extemporaneous suspensions of hydroxychloroquine sulphate in oral liquid bases after tablet manipulation. <i>Data in Brief</i> , 2020, 33, 106575.	1.0	1
26	Frizzled-10 Extracellular Vesicles Plasma Concentration Is Associated with Tumoral Progression in Patients with Colorectal and Gastric Cancer. <i>Journal of Oncology</i> , 2019, 2019, 1-12.	1.3	24
27	FZD10 Carried by Exosomes Sustains Cancer Cell Proliferation. <i>Cells</i> , 2019, 8, 777.	4.1	31
28	Imaging modification of colon carcinoma cells exposed to lipid based nanovectors for drug delivery: a scanning electron microscopy investigation. <i>RSC Advances</i> , 2019, 9, 21810-21825.	3.6	11
29	Green Fluorescent Terbium (III) Complex Doped Silica Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3139.	4.1	15
30	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.	5.2	30
31	Near-Infrared Absorbing Solid Lipid Nanoparticles Encapsulating Plasmonic Copper Sulfide Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23205-23213.	3.1	9
32	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.	4.1	20
33	FM19G11-Loaded Gold Nanoparticles Enhance the Proliferation and Self-Renewal of Ependymal Stem Progenitor Cells Derived from ALS Mice. <i>Cells</i> , 2019, 8, 279.	4.1	26
34	Pharmaceutical preformulation studies and paediatric oral formulations of sodium dichloroacetate. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 127, 339-350.	4.0	10
35	Alginate-Based Hydrogel Containing Minoxidil/Hydroxypropyl- β -Cyclodextrin Inclusion Complex for Topical Alopecia Treatment. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 1046-1054.	3.3	26
36	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.	4.3	25

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37	Quantum Dot Based Luminescent Nanoprobes for Sigma-2 Receptor Imaging. <i>Molecular Pharmaceutics</i> , 2018, 15, 458-471.	4.6	13
38	S-preactivated thiolated glycol chitosan useful to combine mucoadhesion and drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 132, 103-111.	4.3	38
39	Delivery of Proapoptotic Agents in Glioma Cell Lines by TSPO Ligand-Dextran Nanogels. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1155.	4.1	18
40	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.	4.1	55
41	Natural dendrimers: Synthesis and in vitro characterization of glycogen-cysteamine conjugates. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 115, 168-176.	4.3	18
42	Sorafenib delivery nanoplatfom based on superparamagnetic iron oxide nanoparticles magnetically targets hepatocellular carcinoma. <i>Nano Research</i> , 2017, 10, 2431-2448.	10.4	54
43	Preactivated thiolated glycogen as mucoadhesive polymer for drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 119, 161-169.	4.3	45
44	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.	5.2	57
45	Bridging Pharmaceutical Chemistry with Drug and Nanoparticle Targeting to Investigate the Role of the 18kDa Translocator Protein TSPO. <i>ChemMedChem</i> , 2017, 12, 1261-1274.	3.2	15
46	Oxazepam-Dopamine Conjugates Increase Dopamine Delivery into Striatum of Intact Rats. <i>Molecular Pharmaceutics</i> , 2017, 14, 3178-3187.	4.6	16
47	TSPO Ligand-Methotrexate Prodrug Conjugates: Design, Synthesis, and Biological Evaluation. <i>International Journal of Molecular Sciences</i> , 2016, 17, 967.	4.1	7
48	Cytotoxicity Study on Luminescent Nanocrystals Containing Phospholipid Micelles in Primary Cultures of Rat Astrocytes. <i>PLoS ONE</i> , 2016, 11, e0153451.	2.5	18
49	A Novel PET Imaging Probe for the Detection and Monitoring of Translocator Protein 18kDa Expression in Pathological Disorders. <i>Scientific Reports</i> , 2016, 6, 20422.	3.3	44
50	Encapsulation of lipophilic kateplatin Pt(IV) prodrugs in PLGA-PEG micelles. <i>Dalton Transactions</i> , 2016, 45, 13070-13081.	3.3	27
51	Spray-dried mucoadhesives for intravesical drug delivery using N-acetylcysteine- and glutathione-glycol chitosan conjugates. <i>Acta Biomaterialia</i> , 2016, 43, 170-184.	8.3	54
52	Spray Dried Chitosan Microparticles for Intravesical Delivery of Celecoxib: Preparation and Characterization. <i>Pharmaceutical Research</i> , 2016, 33, 2195-2208.	3.5	32
53	Fabrication of photoactive heterostructures based on quantum dots decorated with Au nanoparticles. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 98-108.	6.1	23
54	Integrin-targeting with peptide-bioconjugated semiconductor-magnetic nanocrystalline heterostructures. <i>Nano Research</i> , 2016, 9, 644-662.	10.4	19

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55	2-Phenylimidazo[1,2-a]pyridine-containing ligands of the 18-kDa translocator protein (TSPO) behave as agonists and antagonists of steroidogenesis in a mouse leydig tumor cell line. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 76, 231-237.	4.0	17
56	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.	2.0	25
57	Characterization and Release Studies of Liposomal Gels Containing Glutathione/Cyclodextrins Complexes Potentially Useful for Cutaneous Administration. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1246-1254.	3.3	8
58	A New Complex of Curcumin with Sulfobutylether- β -Cyclodextrin: Characterization Studies and In Vitro Evaluation of Cytotoxic and Antioxidant Activity on HepG-2 Cells. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 3932-3940.	3.3	42
59	Translocator Protein Ligand-PLGA Conjugated Nanoparticles for 5-Fluorouracil Delivery to Glioma Cancer Cells. <i>Molecular Pharmaceutics</i> , 2014, 11, 859-871.	4.6	50
60	Synthesis, Characterization, and in Vitro Evaluation of a New TSPO-Selective Bifunctional Chelate Ligand. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 685-689.	2.8	21
61	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.	9.9	52
62	Novel codrugs with GABAergic activity for dopamine delivery in the brain. <i>International Journal of Pharmaceutics</i> , 2012, 437, 221-231.	5.2	36
63	Recent advances in ligand targeted therapy. <i>Journal of Drug Targeting</i> , 2012, 20, 1-22.	4.4	80
64	New Fluorescent Probes Targeting the Mitochondrial-Located Translocator Protein 18 kDa (TSPO) as Activated Microglia Imaging Agents. <i>Pharmaceutical Research</i> , 2011, 28, 2820-2832.	3.5	22
65	Translocator Protein (TSPO) Ligand-Ara-C (Cytarabine) Conjugates as a Strategy To Deliver Antineoplastic Drugs and To Enhance Drug Clinical Potential. <i>Molecular Pharmaceutics</i> , 2010, 7, 2255-2269.	4.6	37
66	Peripheral Benzodiazepine Receptor ligand-PLGA polymer conjugates potentially useful as delivery systems of apoptotic agents. <i>Journal of Controlled Release</i> , 2009, 137, 185-195.	9.9	26
67	New strategies to deliver anticancer drugs to brain tumors. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 1017-1032.	5.0	179
68	PEG-PE Micelles Loaded with Paclitaxel and Surface-Modified by a PBR-Ligand: Synergistic Anticancer Effect. <i>Molecular Pharmaceutics</i> , 2009, 6, 468-479.	4.6	62
69	Relationship between dissolution efficiency of Oxazepam/carrier blends and drug and carrier molecular descriptors using multivariate regression analysis. <i>International Journal of Pharmaceutics</i> , 2008, 358, 60-68.	5.2	13
70	Radiosynthesis and in vivo evaluation of N-[^{11}C]methylated imidazopyridineacetamides as PET tracers for peripheral benzodiazepine receptors. <i>Nuclear Medicine and Biology</i> , 2008, 35, 327-334.	0.6	25
71	2-Phenyl-imidazo[1,2-a]pyridine Compounds Containing Hydrophilic Groups as Potent and Selective Ligands for Peripheral Benzodiazepine Receptors: Synthesis, Binding Affinity and Electrophysiological Studies. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 6876-6888.	6.4	90
72	Comparative effects of some hydrophilic excipients on the rate of gabapentin and baclofen lactamization in lyophilized formulations. <i>International Journal of Pharmaceutics</i> , 2007, 332, 98-106.	5.2	18

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73	Effect of cyclodextrins on physico-chemical and release properties of Eudragit RS 100 microparticles containing glutathione. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2007, 57, 425-432.	1.6	15