Valentino Laquintana

List of Publications by Year
in descending order

73	1,980	236925 25	289244 40
papers	citations	h-index	g-index

73	73	73	2806
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New strategies to deliver anticancer drugs to brain tumors. Expert Opinion on Drug Delivery, 2009, 6, 1017-1032.	5.0	179
2	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. Journal of Medicinal Chemistry, 2008, 51, 6876-6888.	6.4	90
3	Recent advances in ligand targeted therapy. Journal of Drug Targeting, 2012, 20, 1-22.	4.4	80
4	PEG-PE Micelles Loaded with Paclitaxel and Surface-Modified by a PBR-Ligand: Synergistic Anticancer Effect. Molecular Pharmaceutics, 2009, 6, 468-479.	4.6	62
5	Targeting human liver cancer cells with lactobionic acid-G(4)-PAMAM-FITC sorafenib loaded dendrimers. International Journal of Pharmaceutics, 2017, 528, 485-497.	5.2	57
6	Transferrin Functionalized Liposomes Loading Dopamine HCl: Development and Permeability Studies across an In Vitro Model of Human Bloodâ€“Brain Barrier. Nanomaterials, 2018, 8, 178.	4.1	55
7	Spray-dried mucoadhesives for intravesical drug delivery using N-acetylcysteine- and glutathione-glycol chitosan conjugates. Acta Biomaterialia, 2016, 43, 170-184.	8.3	54
8	Sorafenib delivery nanoplatform based on superparamagnetic iron oxide nanoparticles magnetically targets hepatocellular carcinoma. Nano Research, 2017, 10, 2431-2448.	10.4	54
9	In vitro targeting and imaging the translocator protein TSPO 18-kDa through G(4)-PAMAMâ€“FITC labeled dendrimer. Journal of Controlled Release, 2013, 172, 1111-1125.	9.9	52
10	Translocator Protein Ligandâ€“PLGA Conjugated Nanoparticles for 5-Fluorouracil Delivery to Glioma Cancer Cells. Molecular Pharmaceutics, 2014, 11, 859-871.	4.6	50
11	Preactivated thiolated glycogen as mucoadhesive polymer for drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 119, 161-169.	4.3	45
12	PEGylated solid lipid nanoparticles for brain delivery of lipophilic kiteplatin Pt(IV) prodrugs: An in vitro study. International Journal of Pharmaceutics, 2020, 583, 119351.	5.2	45
13	A Novel PET Imaging Probe for the Detection and Monitoring of Translocator Protein 18â€‰kDa Expression in Pathological Disorders. Scientific Reports, 2016, 6, 20422.	3.3	44
14	A New Complex of Curcumin with Sulfobutylether-Î²-Cyclodextrin: Characterization Studies and In Vitro Evaluation of Cytotoxic and Antioxidant Activity on HepG-2 Cells. Journal of Pharmaceutical Sciences, 2014, 103, 3932-3940.	3.3	42
15	S-preactivated thiolated glycol chitosan useful to combine mucoadhesion and drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 132, 103-111.	4.3	38
16	Translocator Protein (TSPO) Ligandâ^'Ara-C (Cytarabine) Conjugates as a Strategy To Deliver Antineoplastic Drugs and To Enhance Drug Clinical Potential. Molecular Pharmaceutics, 2010, 7, 2255-2269.	4.6	37
17	Novel codrugs with GABAergic activity for dopamine delivery in the brain. International Journal of Pharmaceutics, 2012, 437, 221-231.	5.2	36
18	Boric Acid, a Lewis Acid With Unique and Unusual Properties: Formulation Implications. Journal of Pharmaceutical Sciences, 2020, 109, 2375-2386.	3.3	36

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19	Spray Dried Chitosan Microparticles for Intravesical Delivery of Celecoxib: Preparation and Characterization. Pharmaceutical Research, 2016, 33, 2195-2208.	3.5	32
20	Multi-sulfonated ligands on gold nanoparticles as virucidal antiviral for Dengue virus. Scientific Reports, 2020, 10, 9052.	3.3	32
21	FZD10 Carried by Exosomes Sustains Cancer Cell Proliferation. Cells, 2019, 8, 777.	4.1	31
22	Thiolated hydroxypropyl-Î²-cyclodextrin as mucoadhesive excipient for oral delivery of budesonide in liquid paediatric formulation. International Journal of Pharmaceutics, 2019, 572, 118820.	5.2	30
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 Alzheimerâ€™s disease. International Journal of Pharmaceutics, 2020, 591, 120011.	5.2	28
24	Encapsulation of lipophilic kiteplatin Pt(<scp>iv</scp>) prodrugs in PLGA-PEG micelles. Dalton Transactions, 2016, 45, 13070-13081.	3.3	27
25	Peripheral Benzodiazepine Receptor ligandâ€“PLGA polymer conjugates potentially useful as delivery systems of apoptotic agents. Journal of Controlled Release, 2009, 137, 185-195.	9.9	26
26	Alginate-Based Hydrogel Containing Minoxidil/Hydroxypropyl-Î²-Cyclodextrin Inclusion Complex for Topical Alopecia Treatment. Journal of Pharmaceutical Sciences, 2018, 107, 1046-1054.	3.3	26
27	FM19G11-Loaded Gold Nanoparticles Enhance the Proliferation and Self-Renewal of Ependymal Stem Progenitor Cells Derived from ALS Mice. Cells, 2019, 8, 279.	4.1	26
28	Direct cyclodextrin-based powder extrusion 3D printing for one-step production of the BCS class II model drug niclosamide. Drug Delivery and Translational Research, 2022, 12, 1895-1910.	5.8	26
29	Radiosynthesis and in vivo evaluation of N-[11C]methylated imidazopyridineacetamides as PET tracers for peripheral benzodiazepine receptors. Nuclear Medicine and Biology, 2008, 35, 327-334.	0.6	25
30	New ethanol and propylene glycol free gel formulations containing a minoxidil-methyl-Î²-cyclodextrin complex as promising tools for alopecia treatment. Drug Development and Industrial Pharmacy, 2015, 41, 728-736.	2.0	25
31	Characterization of minoxidil/hydroxypropyl-Î²-cyclodextrin inclusion complex in aqueous alginate gel useful for alopecia management: Efficacy evaluation in male rat. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 122, 146-157.	4.3	25
32	Frizzled-10 Extracellular Vesicles Plasma Concentration Is Associated with Tumoral Progression in Patients with Colorectal and Gastric Cancer. Journal of Oncology, 2019, 2019, 1-12.	1.3	24
33	Fabrication of photoactive heterostructures based on quantum dots decorated with Au nanoparticles. Science and Technology of Advanced Materials, 2016, 17, 98-108.	6.1	23
34	Taste masking of propranolol hydrochloride by microbeads of EUDRAGITÂ® E PO obtained with prilling technique for paediatric oral administration. International Journal of Pharmaceutics, 2020, 574, 118922.	5.2	23
35	Spray-dried mucoadhesive microparticles based on S-protected thiolated hydroxypropyl-Î²-cyclodextrin for budesonide nasal delivery. International Journal of Pharmaceutics, 2021, 603, 120728.	5.2	23
36	Microfluidic preparation and in vitro evaluation of iRGD-functionalized solid lipid nanoparticles for targeted delivery of paclitaxel to tumor cells. International Journal of Pharmaceutics, 2021, 610, 121246.	5.2	23

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37	New Fluorescent Probes Targeting the Mitochondrial-Located Translocator Protein 18ÂkDa (TSPO) as Activated Microglia Imaging Agents. Pharmaceutical Research, 2011, 28, 2820-2832.	3.5	22
38	Synthesis, Characterization, and in Vitro Evaluation of a New TSPO-Selective Bifunctional Chelate Ligand. ACS Medicinal Chemistry Letters, 2014, 5, 685-689.	2.8	21
39	Effectiveness of a Controlled 5-FU Delivery Based on FZD10 Antibody-Conjugated Liposomes in Colorectal Cancer In vitro Models. Pharmaceutics, 2020, 12, 650.	4.5	21
40	Dasatinib/HP-Î²-CD Inclusion Complex Based Aqueous Formulation as a Promising Tool for the Treatment of Paediatric Neuromuscular Disorders. International Journal of Molecular Sciences, 2019, 20, 591.	4.1	20
41	Integrin-targeting with peptide-bioconjugated semiconductor-magnetic nanocrystalline heterostructures. Nano Research, 2016, 9, 644-662.	10.4	19
42	Comparative effects of some hydrophilic excipients on the rate of gabapentin and baclofen lactamization in lyophilized formulations. International Journal of Pharmaceutics, 2007, 332, 98-106.	5.2	18
43	Cytotoxicity Study on Luminescent Nanocrystals Containing Phospholipid Micelles in Primary Cultures of Rat Astrocytes. PLoS ONE, 2016, 11, e0153451.	2.5	18
44	Natural dendrimers: Synthesis and in vitro characterization of glycogen-cysteamine conjugates. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 115, 168-176.	4.3	18
45	Delivery of Proapoptotic Agents in Glioma Cell Lines by TSPO Ligandâ€“Dextran Nanogels. International Journal of Molecular Sciences, 2018, 19, 1155.	4.1	18
46	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. European Journal of Pharmaceutical Sciences, 2015, 76, 231-237.	4.0	17
47	Magnetic implants in vivo guiding sorafenib liver delivery by superparamagnetic solid lipid nanoparticles. Journal of Colloid and Interface Science, 2022, 608, 239-254.	9.4	17
48	Oxazepamâ€“Dopamine Conjugates Increase Dopamine Delivery into Striatum of Intact Rats. Molecular Pharmaceutics, 2017, 14, 3178-3187.	4.6	16
49	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
50	Bridging Pharmaceutical Chemistry with Drug and Nanoparticle Targeting to Investigate the Role of the 18â€kDa Translocator Protein TSPO. ChemMedChem, 2017, 12, 1261-1274.	3.2	15
51	Green Fluorescent Terbium (III) Complex Doped Silica Nanoparticles. International Journal of Molecular Sciences, 2019, 20, 3139.	4.1	15
52	Polyphenols Epigallocatechin Gallate and Resveratrol, and Polyphenol-Functionalized Nanoparticles Prevent Enterovirus Infection through Clustering and Stabilization of the Viruses. Pharmaceutics, 2021, 13, 1182.	4.5	15
53	Chitosan/sulfobutylether-Î²-cyclodextrin based nanoparticles coated with thiolated hyaluronic acid for indomethacin ophthalmic delivery. International Journal of Pharmaceutics, 2022, 622, 121905.	5.2	14
54	Relationship between dissolution efficiency of Oxazepam/carrier blends and drug and carrier molecular descriptors using multivariate regression analysis. International Journal of Pharmaceutics, 2008, 358, 60-68.	5.2	13

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55	Quantum Dot Based Luminescent Nanoprobes for Sigma-2 Receptor Imaging. Molecular Pharmaceutics, 2018, 15, 458-471.	4.6	13
56	Radiosynthesis and characterization of [18F]BS224: a next-generation TSPO PET ligand insensitive to the rs6971 polymorphism. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 49, 110-124.	6.4	13
57	Microfluidic-Assisted Preparation of Targeted pH-Responsive Polymeric Micelles Improves Gemcitabine Effectiveness in PDAC: In Vitro Insights. Cancers, 2022, 14, 5.	3.7	12
58	Imaging modification of colon carcinoma cells exposed to lipid based nanovectors for drug delivery: a scanning electron microscopy investigation. RSC Advances, 2019, 9, 21810-21825.	3.6	11
59	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. Brain, Behavior, & Immunity - Health, 2020, 5, 100083.	2.5	11
60	Pharmaceutical preformulation studies and paediatric oral formulations of sodium dichloroacetate. European Journal of Pharmaceutical Sciences, 2019, 127, 339-350.	4.0	10
61	Near-Infrared Absorbing Solid Lipid Nanoparticles Encapsulating Plasmonic Copper Sulfide Nanocrystals. Journal of Physical Chemistry C, 2019, 123, 23205-23213.	3.1	9
62	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. ACS Chemical Neuroscience, 2021, 12, 4286-4301.	3.5	9
63	Characterization and Release Studies of Liposomal Gels Containing Glutathione/Cyclodextrins Complexes Potentially Useful for Cutaneous Administration. Journal of Pharmaceutical Sciences, 2014, 103, 1246-1254.	3.3	8
64	Goldâ€Speckled SPION@SiO 2 Nanoparticles Decorated with Thiocarbohydrates for ASGPR1 Targeting: Towards HCC Dual Mode Imaging Potential Applications. Chemistry - A European Journal, 2020, 26, 11048-11059.	3.3	8
65	TSPO Ligand-Methotrexate Prodrug Conjugates: Design, Synthesis, and Biological Evaluation. International Journal of Molecular Sciences, 2016, 17, 967.	4.1	7
66	The hydroxypropylâ€Î²â€cyclodextrinâ€minoxidil inclusion complex improves the cardiovascular and proliferative adverse effects of minoxidil in male rats: Implications in the treatment of alopecia. Pharmacology Research and Perspectives, 2020, 8, e00585.	2.4	6
67	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. Biomedicines, 2020, 8, 106.	3.2	6
68	Hydroxy-Propil-Î²-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.	4.1	4
69	Reproducibility warning: The curious case of polyethylene glycol 6000 and spheroid cell culture. PLoS ONE, 2020, 15, e0224002.	2.5	4
70	From oil to microparticulate by prilling technique: Production of polynucleate alginate beads loading Serenoa Repens oil as intestinal delivery systems. International Journal of Pharmaceutics, 2021, 599, 120412.	5.2	3
71	Development of purified glycogen derivatives as siRNA nanovectors. International Journal of Pharmaceutics, 2021, 608, 121128.	5.2	2
72	Stability data of extemporaneous suspensions of hydroxychloroquine sulphate in oral liquid bases after tablet manipulation. Data in Brief, 2020, 33, 106575.	1.0	1

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73	The Neuro-Protective Effects of the TSPO Ligands CB86 and CB204 on 6-OHDA-Induced PC12 Cell Death as an In Vitro Model for Parkinsonâ€™s Disease. Biology, 2021, 10, 1183.	2.8	0