Angela Assunta Lopedota

List of Publications by Year
in descending order

87	2,593	147801 31	233421 45
papers	citations	h-index	g-index

87	87	87	3535
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A comparative study of chitosan and chitosan/cyclodextrin nanoparticles as potential carriers for the oral delivery of small peptidesâˆ†. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 75, 26-32.	4.3	139
2	Recent Advances in Medicinal Chemistry and Pharmaceutical Technology- Strategies for Drug Delivery to the Brain. Current Topics in Medicinal Chemistry, 2009, 9, 182-196.	2.1	95
3	Thiolated polymeric hydrogels for biomedical application: Cross-linking mechanisms. Journal of Controlled Release, 2021, 330, 470-482.	9.9	90
4	Structureâˆ'Activity Relationships and Effects on Neuroactive Steroid Synthesis in a Series of 2-Phenylimidazo[1,2-a]pyridineacetamide Peripheral Benzodiazepine Receptors Ligands. Journal of Medicinal Chemistry, 2005, 48, 292-305.	6.4	72
5	The use of EudragitÂ® RS 100/cyclodextrin nanoparticles for the transmucosal administration of glutathione. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 72, 509-520.	4.3	65
6	Revisiting [PtCl₂(cis-1,4-DACH)]: An Underestimated Antitumor Drug with Potential Application to the Treatment of Oxaliplatin-Refractory Colorectal Cancer. Journal of Medicinal Chemistry, 2012, 55, 7182-7192.	6.4	65
7	Platinum(II) Complexes with Bioactive Carrier Ligands Having High Affinity for the Translocator Protein. Journal of Medicinal Chemistry, 2010, 53, 5144-5154.	6.4	64
8	Eudragit RS 100 microparticles containing 2-hydroxypropyl-Î²-cyclodextrin and glutathione: Physicochemical characterization, drug release and transport studies. European Journal of Pharmaceutical Sciences, 2007, 30, 64-74.	4.0	61
9	Unveiling the Efficacy, Safety, and Tolerability of Anti-Interleukin-1 Treatment in Monogenic and Multifactorial Autoinflammatory Diseases. International Journal of Molecular Sciences, 2019, 20, 1898.	4.1	60
10	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
11	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
12	Spray-dried mucoadhesives for intravesical drug delivery using N-acetylcysteine- and glutathione-glycol chitosan conjugates. Acta Biomaterialia, 2016, 43, 170-184.	8.3	54
13	Sorafenib delivery nanoplatform based on superparamagnetic iron oxide nanoparticles magnetically targets hepatocellular carcinoma. Nano Research, 2017, 10, 2431-2448.	10.4	54
14	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
15	Translocator Protein Ligandâ€"PLGA Conjugated Nanoparticles for 5-Fluorouracil Delivery to Glioma Cancer Cells. Molecular Pharmaceutics, 2014, 11, 859-871.	4.6	50
16	Inclusion Complexation of Propofol with 2-Hydroxypropyl-Î²- cyclodextrin. Physicochemical, Nuclear Magnetic Resonance Spectroscopic Studies, and Anesthetic Properties in Rat. Journal of Pharmaceutical Sciences, 1998, 87, 514-518.	3.3	48
17	Preactivated thiolated glycogen as mucoadhesive polymer for drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 119, 161-169.	4.3	45
18	One pot environmental friendly synthesis of gold nanoparticles using Punica Granatum Juice: A novel antioxidant agent for future dermatological and cosmetic applications. Journal of Colloid and Interface Science, 2018, 521, 50-61.	9.4	45

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19	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
20	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
21	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
22	N-Benzyl-2-(6,8-dichloro-2-(4-chlorophenyl)imidazo[1,2-a]pyridin-3-yl)-N-(6-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Peripheral Benzodiazepine Receptor and Microglial Cell Visualization. Bioconjugate Chemistry, 2007, 18, 1397-1407.	3.6	41
23	Evaluation of new propofol aqueous solutions for intravenous anesthesia. International Journal of Pharmaceutics, 2004, 278, 91-98.	5.2	40
24	Synthesis and Characterization of a Platinum(II) Complex Tethered to a Ligand of the Peripheral Benzodiazepine Receptor. Journal of Medicinal Chemistry, 2007, 50, 1019-1027.	6.4	40
25	Novel L-Dopa and Dopamine Prodrugs Containing a 2-Phenyl-imidazopyridine Moiety. Pharmaceutical Research, 2007, 24, 1309-1324.	3.5	39
26	Multifunctional green synthetized gold nanoparticles/chitosan/ellagic acid self-assembly: Antioxidant, sun filter and tyrosinase-inhibitor properties. Materials Science and Engineering C, 2020, 106, 110170.	7.3	39
27	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
28	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
29	Boric Acid, a Lewis Acid With Unique and Unusual Properties: Formulation Implications. Journal of Pharmaceutical Sciences, 2020, 109, 2375-2386.	3.3	36
30	Frog intestinal sac: A new in vitro method for the assessment of intestinal permeability**Part of this article was presented at the European Conference on Drug Delivery and Pharmaceutical Technology, Sevilla, Spain, May 10â€“12, 2004.. Journal of Pharmaceutical Sciences, 2004, 93, 2909-2919.	3.3	35
31	Spray Dried Chitosan Microparticles for Intravesical Delivery of Celecoxib: Preparation and Characterization. Pharmaceutical Research, 2016, 33, 2195-2208.	3.5	32
32	Synthesis, characterization, and in vitro cytotoxicity of a Kiteplatin-Ibuprofen Pt(IV) prodrug. Inorganica Chimica Acta, 2018, 472, 221-228.	2.4	31
33	Encapsulation and release of the hypnotic agent zolpidem from biodegradable polymer microparticles containing hydroxypropyl-Î²-cyclodextrin. International Journal of Pharmaceutics, 2003, 268, 47-57.	5.2	30
34	Structural modifications and antimicrobial activity of N-cycloalkenyl-2-acylalkylidene-2,3-dihydro-1,3-benzothiazoles. Il Farmaco, 2005, 60, 291-297.	0.9	30
35	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
36	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

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37	In-vivo administration of CLC-K kidney chloride channels inhibitors increases water diuresis in rats. Journal of Hypertension, 2012, 30, 153-167.	0.5	27
38	Encapsulation of lipophilic kiteplatin Pt(<scp>iv</scp>) prodrugs in PLGA-PEG micelles. Dalton Transactions, 2016, 45, 13070-13081.	3.3	27
39	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
40	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
41	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
42	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
43	Metal complexes targeting the Translocator Protein 18 kDa (TSPO). Coordination Chemistry Reviews, 2017, 341, 1-18.	18.8	23
44	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
45	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
46	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
47	Water-soluble salts of aminoacid esters of the anaesthetic agent Propofol. International Journal of Pharmaceutics, 1998, 175, 195-204.	5.2	21
48	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
49	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
50	Synthesis, Characterization, and Cytotoxicity of the First Oxaliplatin Pt(IV) Derivative Having a TSPO Ligand in the Axial Position. International Journal of Molecular Sciences, 2016, 17, 1010.	4.1	19
51	Bcr-Abl Tyrosine Kinase Inhibitors in the Treatment of Pediatric CML. International Journal of Molecular Sciences, 2020, 21, 4469.	4.1	19
52	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
53	Natural dendrimers: Synthesis and in vitro characterization of glycogen-cysteamine conjugates. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 115, 168-176.	4.3	18
54	Delivery of Proapoptotic Agents in Glioma Cell Lines by TSPO Ligandâ€“Dextran Nanogels. International Journal of Molecular Sciences, 2018, 19, 1155.	4.1	18

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55	Effect of 2-hydroxypropyl-Î²-cyclodextrin on the aqueous solubility of the anaesthetic agent propofol (2,6-diisopropylphenol). International Journal of Pharmaceutics, 1996, 139, 215-218.	5.2	17
56	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
57	Contact allergy to electrocardiogram electrodes caused by acrylic acid without sensitivity to methacrylates and ethyl cyanoacrylate. Contact Dermatitis, 2018, 79, 118-121.	1.4	17
58	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
59	Synthesis, characterization, and in vitro evaluation of new coordination complexes of platinum(<scp>ii</scp>) and rhenium(<scp>i</scp>) with a ligand targeting the translocator protein (TSPO). Dalton Transactions, 2014, 43, 16252-16264.	3.3	16
60	Oxazepamâ€“Dopamine Conjugates Increase Dopamine Delivery into Striatum of Intact Rats. Molecular Pharmaceutics, 2017, 14, 3178-3187.	4.6	16
61	The Complexity of the Blood-Brain Barrier and the Concept of Age-Related Brain Targeting: Challenges and Potential of Novel Solid Lipid-Based Formulations. Journal of Pharmaceutical Sciences, 2022, 111, 577-592.	3.3	16
62	A rapid screening tool for estimating the potential of 2-hydroxypropyl-Î²-cyclodextrin complexation for solubilization purposes. International Journal of Pharmaceutics, 2005, 295, 163-175.	5.2	15
63	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
64	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
65	A model radiopharmaceutical agent targeted to translocator protein 18 kDa (TSPO). Dalton Transactions, 2013, 42, 10112.	3.3	14
66	Synthesis and Evaluation of Tricarbonyl 99mTc-Labeled 2-(4-Chloro)phenyl-imidazo[1,2-a]pyridine Analogs as Novel SPECT Imaging Radiotracer for TSPO-Rich Cancer. International Journal of Molecular Sciences, 2016, 17, 1085.	4.1	14
67	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
68	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
69	Synthesis, Characterization, and Binding to the Translocator Protein (18 kDa, TSPO) of a New Rhenium Complex as a Model of Radiopharmaceutical Agents. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1606-1612.	1.2	13
70	Î²-Dystroglycan Restoration and Pathology Progression in the Dystrophic mdx Mouse: Outcome and Implication of a Clinically Oriented Study with a Novel Oral Dasatinib Formulation. Biomolecules, 2021, 11, 1742.	4.0	13
71	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
72	Microfluidic-Assisted Preparation of Targeted pH-Responsive Polymeric Micelles Improves Gemcitabine Effectiveness in PDAC: In Vitro Insights. Cancers, 2022, 14, 5.	3.7	12

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73	Medical Device Development for Children and Young Peopleâ€"Reviewing the Challenges and Opportunities. Pharmaceutics, 2021, 13, 2178.	4.5	12
74	A histochemical approach to glycan diversity in the urothelium of pig urinary bladder. Microscopy Research and Technique, 2017, 80, 239-249.	2.2	11
75	Frog intestinal sac as an in vitro method for the assessment of intestinal permeability in humans: Application to carrier transported drugs. International Journal of Pharmaceutics, 2008, 352, 182-188.	5.2	10
76	Pharmaceutical preformulation studies and paediatric oral formulations of sodium dichloroacetate. European Journal of Pharmaceutical Sciences, 2019, 127, 339-350.	4.0	10
77	Griseofulvin/Carrier Blends: Application of Partial Least Squares (PLS) Regression Analysis for Estimating the Factors Affecting the Dissolution Efficiency. AAPS PharmSciTech, 2011, 12, 1019-1030.	3.3	8
78	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
79	In Vivo Investigation of (2-Hydroxypropyl)-Î²-cyclodextrin-Based Formulation of Spironolactone in Aqueous Solution for Paediatric Use. Pharmaceutics, 2022, 14, 780.	4.5	8
80	TSPO Ligand-Methotrexate Prodrug Conjugates: Design, Synthesis, and Biological Evaluation. International Journal of Molecular Sciences, 2016, 17, 967.	4.1	7
81	Pharmaceutical development of novel lactate-based 6-fluoro-l-DOPA formulations. European Journal of Pharmaceutical Sciences, 2017, 99, 361-368.	4.0	6
82	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
83	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
84	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
85	Development of purified glycogen derivatives as siRNA nanovectors. International Journal of Pharmaceutics, 2021, 608, 121128.	5.2	2
86	Stability data of extemporaneous suspensions of hydroxychloroquine sulphate in oral liquid bases after tablet manipulation. Data in Brief, 2020, 33, 106575.	1.0	1
87	Stability of Diazepam Enema Extemporaneous Formulation in Manzoni Base. International Journal of Pharmaceutical Compounding, 2021, 25, 427-430.	0.0	0