

Angela Assunta Lopedota

List of Publications by Year in descending order

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papers

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147801

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docs citations

87
times ranked

3535
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#	ARTICLE	IF	CITATIONS
1	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.	3.3	16
2	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
3	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
4	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
5	In Vivo Investigation of (2-Hydroxypropyl)- β -cyclodextrin-Based Formulation of Spironolactone in Aqueous Solution for Paediatric Use. <i>Pharmaceutics</i> , 2022, 14, 780.	4.5	8
6	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
7	Thiolated polymeric hydrogels for biomedical application: Cross-linking mechanisms. <i>Journal of Controlled Release</i> , 2021, 330, 470-482.	9.9	90
8	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
9	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
10	Development of purified glycogen derivatives as siRNA nanovectors. <i>International Journal of Pharmaceutics</i> , 2021, 608, 121128.	5.2	2
11	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
12	β -Dystroglycan Restoration and Pathology Progression in the Dystrophic mdx Mouse: Outcome and Implication of a Clinically Oriented Study with a Novel Oral Dasatinib Formulation. <i>Biomolecules</i> , 2021, 11, 1742.	4.0	13
13	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
14	Stability of Diazepam Enema Extemporaneous Formulation in Manzoni Base. <i>International Journal of Pharmaceutical Compounding</i> , 2021, 25, 427-430.	0.0	0
15	Medical Device Development for Children and Young People – Reviewing the Challenges and Opportunities. <i>Pharmaceutics</i> , 2021, 13, 2178.	4.5	12
16	Multifunctional green synthesized gold nanoparticles/chitosan/ellagic acid self-assembly: Antioxidant, sun filter and tyrosinase-inhibitor properties. <i>Materials Science and Engineering C</i> , 2020, 106, 110170.	7.3	39
17	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.	5.2	23
18	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

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19	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
20	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
21	PEGylated solid lipid nanoparticles for brain delivery of lipophilic kiteplatin Pt(IV) prodrugs: An in vitro study. <i>International Journal of Pharmaceutics</i> , 2020, 583, 119351.	5.2	45
22	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
23	Bcr-Abl Tyrosine Kinase Inhibitors in the Treatment of Pediatric CML. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4469.	4.1	19
24	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
25	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
26	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
27	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.	4.1	60
28	Pharmaceutical preformulation studies and paediatric oral formulations of sodium dichloroacetate. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 127, 339-350.	4.0	10
29	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
30	One pot environmental friendly synthesis of gold nanoparticles using Punica Granatum Juice: A novel antioxidant agent for future dermatological and cosmetic applications. <i>Journal of Colloid and Interface Science</i> , 2018, 521, 50-61.	9.4	45
31	Synthesis, characterization, and in vitro cytotoxicity of a Kiteplatin-Ibuprofen Pt(IV) prodrug. <i>Inorganica Chimica Acta</i> , 2018, 472, 221-228.	2.4	31
32	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
33	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
34	Contact allergy to electrocardiogram electrodes caused by acrylic acid without sensitivity to methacrylates and ethyl cyanoacrylate. <i>Contact Dermatitis</i> , 2018, 79, 118-121.	1.4	17
35	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
36	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

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37	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
38	Sorafenib delivery nanoplatform based on superparamagnetic iron oxide nanoparticles magnetically targets hepatocellular carcinoma. <i>Nano Research</i> , 2017, 10, 2431-2448.	10.4	54
39	Preactivated thiolated glycogen as mucoadhesive polymer for drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 119, 161-169.	4.3	45
40	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
41	Metal complexes targeting the Translocator Protein 18 kDa (TSPO). <i>Coordination Chemistry Reviews</i> , 2017, 341, 1-18.	18.8	23
42	Bridging Pharmaceutical Chemistry with Drug and Nanoparticle Targeting to Investigate the Role of the 18 kDa Translocator Protein TSPO. <i>ChemMedChem</i> , 2017, 12, 1261-1274.	3.2	15
43	Oxazepam-Dopamine Conjugates Increase Dopamine Delivery into Striatum of Intact Rats. <i>Molecular Pharmaceutics</i> , 2017, 14, 3178-3187.	4.6	16
44	A histochemical approach to glycan diversity in the urothelium of pig urinary bladder. <i>Microscopy Research and Technique</i> , 2017, 80, 239-249.	2.2	11
45	Pharmaceutical development of novel lactate-based 6-fluoro-L-DOPA formulations. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 99, 361-368.	4.0	6
46	TSPO Ligand-Methotrexate Prodrug Conjugates: Design, Synthesis, and Biological Evaluation. <i>International Journal of Molecular Sciences</i> , 2016, 17, 967.	4.1	7
47	Synthesis, Characterization, and Cytotoxicity of the First Oxaliplatin Pt(IV) Derivative Having a TSPO Ligand in the Axial Position. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1010.	4.1	19
48	Synthesis and Evaluation of Tricarbonyl ^{99m} Tc-Labeled 2-(4-Chloro)phenyl-imidazo[1,2-a]pyridine Analogs as Novel SPECT Imaging Radiotracer for TSPO-Rich Cancer. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1085.	4.1	14
49	A Novel PET Imaging Probe for the Detection and Monitoring of Translocator Protein 18 kDa Expression in Pathological Disorders. <i>Scientific Reports</i> , 2016, 6, 20422.	3.3	44
50	Encapsulation of lipophilic kiteplatin 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	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
54	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

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55	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
56	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
57	Synthesis, characterization, and in vitro evaluation of new coordination complexes of platinum(II) and rhenium(I) with a ligand targeting the translocator protein (TSPO). <i>Dalton Transactions</i> , 2014, 43, 16252-16264.	3.3	16
58	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
59	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
60	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
61	A model radiopharmaceutical agent targeted to translocator protein 18 kDa (TSPO). <i>Dalton Transactions</i> , 2013, 42, 10112.	3.3	14
62	Synthesis, Characterization, and Binding to the Translocator Protein (18 kDa, TSPO) of a New Rhenium Complex as a Model of Radiopharmaceutical Agents. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1606-1612.	1.2	13
63	In-vivo administration of CLC-K kidney chloride channels inhibitors increases water diuresis in rats. <i>Journal of Hypertension</i> , 2012, 30, 153-167.	0.5	27
64	Revisiting $[\text{PtCl}_2(\text{cis-1,4-DACH})]$: An Underestimated Antitumor Drug with Potential Application to the Treatment of Oxaliplatin-Refractory Colorectal Cancer. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 7182-7192.	6.4	65
65	Griseofulvin/Carrier Blends: Application of Partial Least Squares (PLS) Regression Analysis for Estimating the Factors Affecting the Dissolution Efficiency. <i>AAPS PharmSciTech</i> , 2011, 12, 1019-1030.	3.3	8
66	Platinum(II) Complexes with Bioactive Carrier Ligands Having High Affinity for the Translocator Protein. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 5144-5154.	6.4	64
67	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
68	A comparative study of chitosan and chitosan/cyclodextrin nanoparticles as potential carriers for the oral delivery of small peptides. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 75, 26-32.	4.3	139
69	Recent Advances in Medicinal Chemistry and Pharmaceutical Technology- Strategies for Drug Delivery to the Brain. <i>Current Topics in Medicinal Chemistry</i> , 2009, 9, 182-196.	2.1	95
70	The use of Eudragit [®] RS 100/cyclodextrin nanoparticles for the transmucosal administration of glutathione. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 72, 509-520.	4.3	65
71	Frog intestinal sac as an in vitro method for the assessment of intestinal permeability in humans: Application to carrier transported drugs. <i>International Journal of Pharmaceutics</i> , 2008, 352, 182-188.	5.2	10
72	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

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73	Peripheral Benzodiazepine Receptor and Microglial Cell Visualization. <i>Bioconjugate Chemistry</i> , 2007, 18, 1397-1407.	3.6	41
74	Synthesis and Characterization of a Platinum(II) Complex Tethered to a Ligand of the Peripheral Benzodiazepine Receptor. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 1019-1027.	6.4	40
75	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
76	Eudragit RS 100 microparticles containing 2-hydroxypropyl- β -cyclodextrin and glutathione: Physicochemical characterization, drug release and transport studies. <i>European Journal of Pharmaceutical Sciences</i> , 2007, 30, 64-74.	4.0	61
77	Novel L-Dopa and Dopamine Prodrugs Containing a 2-Phenyl-imidazopyridine Moiety. <i>Pharmaceutical Research</i> , 2007, 24, 1309-1324.	3.5	39
78	Effect of cyclodextrins on physico-chemical and release properties of Eudragit RS 100 microparticles containing glutathione. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 425-432.	1.6	15
79	A rapid screening tool for estimating the potential of 2-hydroxypropyl- β -cyclodextrin complexation for solubilization purposes. <i>International Journal of Pharmaceutics</i> , 2005, 295, 163-175.	5.2	15
80	Structural modifications and antimicrobial activity of N-cycloalkenyl-2-acylalkylidene-2,3-dihydro-1,3-benzothiazoles. <i>Il Farmaco</i> , 2005, 60, 291-297.	0.9	30
81	Structure-Activity Relationships and Effects on Neuroactive Steroid Synthesis in a Series of 2-Phenylimidazo[1,2-a]pyridineacetamide Peripheral Benzodiazepine Receptors Ligands. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 292-305.	6.4	72
82	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 10-12, 2004.. <i>Journal of Pharmaceutical Sciences</i> , 2004, 93, 2909-2919.	3.3	35
83	Evaluation of new propofol aqueous solutions for intravenous anesthesia. <i>International Journal of Pharmaceutics</i> , 2004, 278, 91-98.	5.2	40
84	Encapsulation and release of the hypnotic agent zolpidem from biodegradable polymer microparticles containing hydroxypropyl- β -cyclodextrin. <i>International Journal of Pharmaceutics</i> , 2003, 268, 47-57.	5.2	30
85	Inclusion Complexation of Propofol with 2-Hydroxypropyl- β - cyclodextrin. Physicochemical, Nuclear Magnetic Resonance Spectroscopic Studies, and Anesthetic Properties in Rat. <i>Journal of Pharmaceutical Sciences</i> , 1998, 87, 514-518.	3.3	48
86	Water-soluble salts of aminoacid esters of the anaesthetic agent Propofol. <i>International Journal of Pharmaceutics</i> , 1998, 175, 195-204.	5.2	21
87	Effect of 2-hydroxypropyl- β -cyclodextrin on the aqueous solubility of the anaesthetic agent propofol (2,6-diisopropylphenol). <i>International Journal of Pharmaceutics</i> , 1996, 139, 215-218.	5.2	17