

Rosario Pignatello

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165
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177
ext. papers

4,302
ext. citations

4.9
avg, IF

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L-index

#	Paper	IF	Citations
165	PLA/PLGA nanoparticles for sustained release of docetaxel. <i>International Journal of Pharmaceutics</i> , 2006 , 325, 172-9	6.5	331
164	Eudragit RS100 nanosuspensions for the ophthalmic controlled delivery of ibuprofen. <i>European Journal of Pharmaceutical Sciences</i> , 2002 , 16, 53-61	5.1	263
163	Flurbiprofen-loaded acrylate polymer nanosuspensions for ophthalmic application. <i>Biomaterials</i> , 2002 , 23, 3247-55	15.6	200
162	Biocompatibility of poly(D,L-lactide-co-glycolide) nanoparticles conjugated with alendronate. <i>Biomaterials</i> , 2008 , 29, 1400-11	15.6	111
161	Biomembrane models and drug-biomembrane interaction studies: Involvement in drug design and development. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2011 , 3, 4-14	1.1	87
160	Encapsulation in fusogenic liposomes broadens the spectrum of action of vancomycin against Gram-negative bacteria. <i>International Journal of Antimicrobial Agents</i> , 2010 , 35, 553-8	14.3	84
159	Polymeric nanoparticles augment the ocular hypotensive effect of melatonin in rabbits. <i>International Journal of Pharmaceutics</i> , 2013 , 440, 135-40	6.5	75
158	Molecular properties of ibuprofen and its solid dispersions with Eudragit RL100 studied by solid-state nuclear magnetic resonance. <i>Pharmaceutical Research</i> , 2005 , 22, 1544-55	4.5	71
157	Preparation and characterization of eudragit retard nanosuspensions for the ocular delivery of cloricromene. <i>AAPS PharmSciTech</i> , 2006 , 7, E27	3.9	68
156	Enhanced ocular anti-inflammatory activity of ibuprofen carried by an Eudragit RS100 nanoparticle suspension. <i>Ophthalmic Research</i> , 2002 , 34, 319-23	2.9	68
155	Preparation of solid dispersions of nonsteroidal anti-inflammatory drugs with acrylic polymers and studies on mechanisms of drug-polymer interactions. <i>AAPS PharmSciTech</i> , 2002 , 3, E10	3.9	67
154	Ocular tolerability of Eudragit RS100 and RL100 nanosuspensions as carriers for ophthalmic controlled drug delivery. <i>Journal of Pharmaceutical Sciences</i> , 2002 , 91, 2636-41	3.9	64
153	Bone-targeted doxorubicin-loaded nanoparticles as a tool for the treatment of skeletal metastases. <i>Current Cancer Drug Targets</i> , 2010 , 10, 649-59	2.8	61
152	Nanosystems based on siRNA silencing HuR expression counteract diabetic retinopathy in rat. <i>Pharmacological Research</i> , 2016 , 111, 713-720	10.2	56
151	Schiff bases of N-hydroxy-N'-aminoguanidines as antiviral, antibacterial and anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 1994 , 29, 781-785	6.8	55
150	Cationic solid lipid nanoparticles enhance ocular hypotensive effect of melatonin in rabbit. <i>International Journal of Pharmaceutics</i> , 2015 , 478, 180-186	6.5	54
149	Active targeting strategies for anticancer drug nanocarriers. <i>Current Drug Delivery</i> , 2012 , 9, 255-68	3.2	52

148	Synthesis and biological evaluation of thiazolo-triazole derivatives. <i>European Journal of Medicinal Chemistry</i> , 1991 , 26, 929-938	6.8	52
147	Mediterranean essential oils as precious matrix components and active ingredients of lipid nanoparticles. <i>International Journal of Pharmaceutics</i> , 2018 , 548, 217-226	6.5	52
146	Influence of different surfactants on the technological properties and in vivo ocular tolerability of lipid nanoparticles. <i>International Journal of Pharmaceutics</i> , 2014 , 470, 133-40	6.5	51
145	A novel biomaterial for osteotropic drug nanocarriers: synthesis and biocompatibility evaluation of a PLGA-ALE conjugate. <i>Nanomedicine</i> , 2009 , 4, 161-75	5.6	51
144	Preparation, characterisation and photosensitivity studies of solid dispersions of diflunisal and Eudragit RS100 and RL100. <i>International Journal of Pharmaceutics</i> , 2001 , 218, 27-42	6.5	51
143	Pharmaceutical and biomedical applications of lipid-based nanocarriers. <i>Pharmaceutical Patent Analyst</i> , 2014 , 3, 199-215	0.6	46
142	Preparation and analgesic activity of Eudragit RS100 microparticles containing diflunisal. <i>Drug Delivery</i> , 2001 , 8, 35-45	7	46
141	Lipid nanocarriers (LNC) and their applications in ocular drug delivery. <i>Current Medicinal Chemistry</i> , 2015 , 22, 1589-602	4.3	46
140	The fate of polymeric and lipid nanoparticles for brain delivery and targeting: Strategies and mechanism of blood-brain barrier crossing and trafficking into the central nervous system. <i>Journal of Drug Delivery Science and Technology</i> , 2016 , 32, 66-76	4.5	45
139	Eudragit RL100 nanoparticle system for the ophthalmic delivery of cloricromene. <i>Journal of Pharmacy and Pharmacology</i> , 2004 , 56, 841-6	4.8	42
138	Calorimetric studies of the interaction of 4-biphenylacetic acid and its cyclodextrin inclusion compound with lipid model membrane. <i>International Journal of Pharmaceutics</i> , 1989 , 52, 115-121	6.5	40
137	Lipophilic methotrexate conjugates with antitumor activity. <i>European Journal of Pharmaceutical Sciences</i> , 2000 , 10, 237-45	5.1	39
136	Physico-chemical characterization of disoxaril-dimethyl-beta-cyclodextrin inclusion complex and in vitro permeation studies. <i>European Journal of Medicinal Chemistry</i> , 2006 , 41, 233-40	6.8	34
135	Lipophilic conjugates of methotrexate with short-chain alkylamino acids as DHFR inhibitors. Synthesis, biological evaluation, and molecular modeling. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 2951-64	3.4	33
134	Lyoprotected nanosphere formulations for paclitaxel controlled delivery. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 3118-25	1.3	32
133	Polymeric prodrugs: poly(N-hydroxyethyl)-dl-aspartamide as a macromolecular carrier for some non-steroidal anti-inflammatory agents. <i>International Journal of Pharmaceutics</i> , 1989 , 57, 55-62	6.5	32
132	Improvement of Oral Bioavailability of Curcumin upon Microencapsulation with Methacrylic Copolymers. <i>Frontiers in Pharmacology</i> , 2016 , 7, 485	5.6	32
131	Nanotechnology approaches for antibacterial drug delivery: Preparation and microbiological evaluation of fusogenic liposomes carrying fusidic acid. <i>International Journal of Antimicrobial Agents</i> , 2015 , 45, 622-6	14.3	31

130	Synthesis and biological evaluation of a new polymeric conjugate and nanocarrier with osteotropic properties. <i>Journal of Functional Biomaterials</i> , 2012 , 3, 79-99	4.8	30
129	Lipid-based nanocarriers for drug delivery and targeting: a patent survey of methods of production and characterization. <i>Pharmaceutical Patent Analyst</i> , 2013 , 2, 665-77	0.6	29
128	Antioxidant potential of different melatonin-loaded nanomedicines in an experimental model of sepsis. <i>Experimental Biology and Medicine</i> , 2012 , 237, 670-7	3.7	29
127	Aliphatic β -Bis(Amides) of Methotrexate. Influence of Chain Length on In-vitro Activity Against Sensitive and Resistant Tumour Cells. <i>Pharmacy and Pharmacology Communications</i> , 1999 , 5, 299-305		29
126	In vitro release kinetics of Tolmetin from tabletted Eudragit microparticles. <i>Journal of Microencapsulation</i> , 2000 , 17, 373-83	3.4	28
125	Serum-stable, long-circulating paclitaxel-loaded colloidal carriers decorated with a new amphiphilic PEG derivative. <i>International Journal of Pharmaceutics</i> , 2012 , 426, 231-238	6.5	27
124	Innovative Nanoparticles Enhance -Palmitoylethanolamide Intraocular Delivery. <i>Frontiers in Pharmacology</i> , 2018 , 9, 285	5.6	26
123	Paclitaxel loading in PLGA nanospheres affected the in vitro drug cell accumulation and antiproliferative activity. <i>BMC Cancer</i> , 2008 , 8, 212	4.8	26
122	Gemcitabine-loaded chitosan microspheres. Characterization and biological in vitro evaluation. <i>Biomedical Microdevices</i> , 2011 , 13, 799-807	3.7	25
121	Chitosan glutamate hydrogels with local anesthetic activity for buccal application. <i>Drug Delivery</i> , 2009 , 16, 176-81	7	25
120	A Method for Efficient Loading of Ciprofloxacin Hydrochloride in Cationic Solid Lipid Nanoparticles: Formulation and Microbiological Evaluation. <i>Nanomaterials</i> , 2018 , 8,	5.4	24
119	Topical Ocular Delivery of TGF- β 1 to the Back of the Eye: Implications in Age-Related Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	24
118	Enhancement of drug affinity for cell membranes by conjugation with lipoamino acids II. Experimental and computational evidence using biomembrane models. <i>International Journal of Pharmaceutics</i> , 2006 , 310, 53-63	6.5	24
117	Essential Oils: Pharmaceutical Applications and Encapsulation Strategies into Lipid-Based Delivery Systems. <i>Pharmaceutics</i> , 2021 , 13,	6.4	24
116	Novel ophthalmic formulation of myriocin: implications in retinitis pigmentosa. <i>Drug Delivery</i> , 2019 , 26, 237-243	7	23
115	The effect of poly(d,l-lactide-co-glycolide)-alendronate conjugate nanoparticles on human osteoclast precursors. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012 , 23, 1285-300	3.5	23
114	Lipoamino acid conjugates of methotrexate with antitumor activity. <i>Journal of Pharmaceutical Sciences</i> , 1998 , 87, 367-71	3.9	23
113	Inclusion Complexation of 4-Biphenylacetic Acid with β -Cyclodextrin. <i>Drug Development and Industrial Pharmacy</i> , 1990 , 16, 395-413	3.6	23

112	Antioxidant activity of idebenone-loaded neutral and cationic solid-lipid nanoparticles. <i>Pharmaceutical Development and Technology</i> , 2015 , 20, 716-23	3.4	22
111	Flurbiprofen derivatives in Alzheimer's disease: synthesis, pharmacokinetic and biological assessment of lipoamino acid prodrugs. <i>Bioconjugate Chemistry</i> , 2008 , 19, 349-57	6.3	22
110	Molecular properties of flurbiprofen and its solid dispersions with Eudragit RL100 studied by high- and low-resolution solid-state nuclear magnetic resonance. <i>Pharmaceutical Research</i> , 2006 , 23, 2129-40	4.5	22
109	Evaluation of new amphiphilic PEG derivatives for preparing stealth lipid nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 434, 136-144	5.1	21
108	Characterization of the mechanism of interaction in ibuprofen-Eudragit RL100 coevaporates. <i>Drug Development and Industrial Pharmacy</i> , 2004 , 30, 277-88	3.6	21
107	Poly(3-hydroxybutyrate-co-epsilon-caprolactone) copolymers and poly(3-hydroxybutyrate-co-3-hydroxyvalerate-co-epsilon-caprolactone) terpolymers as novel materials for colloidal drug delivery systems. <i>European Journal of Pharmaceutical Sciences</i> , 2009 , 37, 451-62	5.1	19
106	Lipoamino acid prodrugs of paclitaxel: synthesis and cytotoxicity evaluation on human anaplastic thyroid carcinoma cells. <i>Current Cancer Drug Targets</i> , 2009 , 9, 202-13	2.8	19
105	Ocular Formulation Based on Palmitoylethanolamide-Loaded Nanostructured Lipid Carriers: Technological and Pharmacological Profile. <i>Nanomaterials</i> , 2020 , 10,	5.4	18
104	A calorimetric evaluation of the interaction of amphiphilic prodrugs of idebenone with a biomembrane model. <i>Journal of Colloid and Interface Science</i> , 2006 , 299, 626-35	9.3	18
103	Flurbiprofen release from Eudragit RS and RL aqueous nanosuspensions: a kinetic study by DSC and dialysis experiments. <i>AAPS PharmSciTech</i> , 2002 , 3, E9	3.9	17
102	Amphiphilic ion pairs of tobramycin with lipoamino acids. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 1665-71	6.8	16
101	Dexamethasone sodium phosphate-loaded Chitosan based delivery systems for buccal application. <i>Journal of Drug Targeting</i> , 2007 , 15, 603-10	5.4	16
100	Structural effects of lipophilic methotrexate conjugates on model phospholipid biomembranes. <i>Thermochimica Acta</i> , 2001 , 380, 255-264	2.9	16
99	Preparation, characterization and photostability assessment of curcumin microencapsulated within methacrylic copolymers. <i>Journal of Drug Delivery Science and Technology</i> , 2016 , 33, 88-97	4.5	16
98	Ophthalmic applications of lipid-based drug nanocarriers: an update of research and patenting activity. <i>Therapeutic Delivery</i> , 2015 , 6, 1297-318	3.8	15
97	Tangential Flow Filtration Technique: An Overview on Nanomedicine Applications. <i>Pharmaceutical Nanotechnology</i> , 2018 , 6, 48-60	4	15
96	Chemical and technological delivery systems for idebenone: a review of literature production. <i>Expert Opinion on Drug Delivery</i> , 2012 , 9, 1377-92	8	15
95	Nanotechnology in Ophthalmic Drug Delivery: A Survey of Recent Developments and Patenting Activity. <i>Recent Patents on Nanomedicine</i> , 2011 , 1, 42-54		15

94	Amphiphilic erythromycin-lipoamino acid ion pairs: characterization and in vitro microbiological evaluation. <i>AAPS PharmSciTech</i> , 2011 , 12, 468-75	3.9	15
93	Effect of liposomal delivery on in vitro antitumor activity of lipophilic conjugates of methotrexate with lipoamino acids. <i>Drug Delivery</i> , 2003 , 10, 95-100	7	15
92	MAOI activity of some novel series of substituted thiazol-2-yl-hydrazines. <i>Die Pharmazie</i> , 1992 , 47, 902-10.5	10.5	15
91	Enhancement of 4-biphenylacetic acid bioavailability in rats by its beta-cyclodextrin complex after oral administration. <i>Journal of Pharmacy and Pharmacology</i> , 1991 , 43, 430-2	4.8	13
90	Effects of external phase on D-cycloserine loaded W/O nanocapsules prepared by the interfacial polymerization method. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 2828-34	6.8	13
89	New Amphiphilic Conjugates of Mono- and Bis(carboxy)-PEG2,000 Polymers with Lipoamino Acids as Surface Modifiers of Colloidal Drug Carriers. <i>Macromolecular Chemistry and Physics</i> , 2010 , 211, 1148-1156	2.6	13
88	Technological and Biological Characterization of Idebenone-Loaded Solid Lipid Nanoparticles Prepared by a Modified Solvent Injection Technique. <i>Journal of Biomedical Nanotechnology</i> , 2006 , 2, 253-270	4.7	13
87	New amphiphilic derivatives of poly(ethylene glycol) (PEG) as surface modifiers of colloidal drug carriers. III. Lipoamino acid conjugates with carboxy- and amino-PEG(5000) polymers. <i>Materials Science and Engineering C</i> , 2015 , 46, 470-81	8.3	12
86	MAOI activity of thiosemicarbazides and related 2-thiazolylhydrazines. <i>Die Pharmazie</i> , 1994 , 49, 272-6	1.5	12
85	Neuroprotective effects of the monoamine oxidase inhibitor tranlycypromine and its amide derivatives against A β (1-42)-induced toxicity. <i>European Journal of Pharmacology</i> , 2015 , 764, 256-263	5.3	11
84	Lipophilic methotrexate conjugates with glucose-lipoamino acid moieties: Synthesis and in vitro antitumor activity. <i>Drug Development Research</i> , 2001 , 52, 454-461	5.1	11
83	Effect of pH on diclofenac release from Eudragit RS100 microparticles. A kinetic study by DSC. <i>Drug Delivery</i> , 2001 , 8, 173-7	7	11
82	Advances in Biomaterials Science and Biomedical Applications 2013 ,		11
81	Curcumin Loaded Polymeric vs. Lipid Nanoparticles: Antioxidant Effect on Normal and Hypoxic Olfactory Ensheathing Cells. <i>Nanomaterials</i> , 2021 , 11,	5.4	11
80	Evaluation of cell tolerability of a series of lipoamino acids using biological membranes and a biomembrane model. <i>Current Drug Delivery</i> , 2007 , 4, 109-21	3.2	10
79	Eudragit as controlled release system for anti-inflammatory drugs: A comparison between DSC and dialysis experiments. <i>Thermochimica Acta</i> , 2003 , 400, 227-234	2.9	10
78	Conjugation of thymopentin (TP5) with lipoamino acid residues increases the hydrolytic stability and preserves the biological activity. <i>Die Pharmazie</i> , 2007 , 62, 663-7	1.5	10
77	New Amphiphilic Conjugates of AminoPoly(ethylene glycols) With Lipoamino Acids as Surface Modifiers of Colloidal Drug Carriers. <i>Macromolecular Chemistry and Physics</i> , 2013 , 214, 46-55	2.6	9

76	TCP-FA4: a derivative of tranlycypromine showing improved blood-brain permeability. <i>Biochemical Pharmacology</i> , 2009 , 78, 1412-7	6	9
75	Interaction of naproxen amphiphilic derivatives with biomembrane models evaluated by differential scanning calorimetry and Langmuir-Blodgett studies. <i>Journal of Colloid and Interface Science</i> , 2011 , 360, 359-69	9.3	9
74	Effects of liposomal encapsulation on the antioxidant activity of lipophilic prodrugs of idebenone. <i>Journal of Liposome Research</i> , 2011 , 21, 46-54	6.1	9
73	Development of a liposome formulation for D-cycloserine local delivery. <i>Journal of Liposome Research</i> , 2008 , 18, 211-24	6.1	9
72	Enhancement of drug affinity for cell membranes by conjugation with lipoamino acids. I. Synthesis and biological evaluation of lipophilic conjugates of tranlycypromine. <i>European Journal of Medicinal Chemistry</i> , 2005 , 40, 1074-9	6.8	9
71	Lipid Nanoparticles and Active Natural Compounds: A Perfect Combination for Pharmaceutical Applications. <i>Current Medicinal Chemistry</i> , 2019 , 26, 4681-4696	4.3	9
70	Biomaterials Applications for Nanomedicine 2011 ,		9
69	Nanotechnologies for intranasal drug delivery: an update of literature. <i>Pharmaceutical Development and Technology</i> , 2021 , 26, 824-845	3.4	9
68	Unsaturated Poly(Hydroxyalkanoates) for the Production of Nanoparticles and the Effect of Cross-Linking on Nanoparticle Features. <i>Materials</i> , 2019 , 12,	3.5	8
67	Synthesis of methotrexate bis(amides) and correlation of thermotropic and DPPC biomembrane interaction parameters with their anticancer activity. <i>Drug Development Research</i> , 1998 , 44, 62-69	5.1	8
66	Lipid-based Nanosized Delivery Systems for Fluoroquinolones: a Review. <i>Current Pharmaceutical Design</i> , 2017 ,	3.3	8
65	Polymeric Nanomicelles of Soluplus [®] as a Strategy for Enhancing the Solubility, Bioavailability and Efficacy of Poorly Soluble Active Compounds. <i>Current Nanomedicine</i> , 2019 , 9, 184-197	0.9	8
64	Nanostructured Lipid Carriers (NLC) for the Topical Delivery of Lutein. <i>Drug Delivery Letters</i> , 2011 , 1, 32-39	0.8	8
63	Lipid Nanoparticles Traverse Non-Corneal Path to Reach the Posterior Eye Segment: In Vivo Evidence. <i>Molecules</i> , 2021 , 26,	4.8	8
62	Lipid Nanoparticle Inclusion Prevents Capsaicin-Induced TRPV1 Defunctionalization. <i>Pharmaceutics</i> , 2020 , 12,	6.4	7
61	A study on the encapsulation of an occludin lipophilic derivative in liposomal carriers. <i>Journal of Liposome Research</i> , 2015 , 25, 287-93	6.1	7
60	Interaction of monoamine oxidase inhibitors with dipalmitoyl phosphatidylcholine liposomes. A comparison between structure and calorimetric data. <i>Thermochimica Acta</i> , 1997 , 302, 143-150	2.9	7
59	DrugBiomembrane interaction studies 2013 ,		7

58	Effect of Lipophilicity of Dispersed Drugs on the Physicochemical and Technological Properties of Solid Lipid Nanoparticles. <i>Open Drug Delivery Journal</i> , 2008 , 2, 26-32		7
57	Antioxidant activity and photostability assessment of trans-resveratrol acrylate microspheres. <i>Pharmaceutical Development and Technology</i> , 2019 , 24, 222-234	3.4	7
56	Calorimetry and Langmuir-Blodgett studies on the interaction of a lipophilic prodrug of LHRH with biomembrane models. <i>Journal of Colloid and Interface Science</i> , 2014 , 421, 122-31	9.3	6
55	Nanostructured Lipid Carriers (NLC) for the Topical Delivery of Lutein. <i>Drug Delivery Letters</i> , 2011 , 1, 32-39	0.8	6
54	Synthesis and in vitro cytotoxic activity on human anaplastic thyroid cancer cells of lipoamino acid conjugates of gemcitabine. <i>Drug Development Research</i> , 2010 , 71, 294-302	5.1	6
53	Chemical and enzymatic stability evaluation of lipoamino acid esters of idebenone. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004 , 57, 343-6	5.7	6
52	Lipid vesicles loaded with thymopentin: characterization and in vitro activity on tumoral cells. <i>International Journal of Pharmaceutics</i> , 1993 , 98, 19-28	6.5	6
51	Biomaterials Science and Engineering 2011 ,		6
50	Preparation of liposome formulations containing immunomodulatory peptides. <i>Pharmaceutica Acta Helveticae</i> , 1997 , 72, 1-10		5
49	Effect of variation in the chain length and number in modulating the interaction of an immunogenic lipopeptide with biomembrane models. <i>Thermochimica Acta</i> , 2008 , 471, 14-19	2.9	5
48	Structure-activity studies on monoamine oxidase inhibitors by calorimetric and quantum mechanical calculations. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 1996 , 10, 215-229		5
47	Correlation between monoamino oxidase inhibitor activity of some thiazol-2-ylhydrazines and their interaction with dipalmitoylphosphatidylcholine liposomes. <i>Journal of Pharmaceutical Sciences</i> , 1994 , 83, 362-6	3.9	5
46	Solid Dispersions of Chitosan Glutamate for the Local Delivery of Miconazole: Characterization and In Vitro Activity. <i>Open Drug Delivery Journal</i> , 2008 , 2, 44-51		5
45	A physico-chemical study on amphiphilic cyclodextrin/liposomes nanoassemblies with drug carrier potential. <i>Journal of Liposome Research</i> , 2020 , 30, 407-416	6.1	5
44	Development and biocompatibility assessments of poly(3-hydroxybutyrate-co-ε-caprolactone) microparticles for diclofenac sodium delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 60, 102081	4.5	5
43	Essential Oil-Loaded NLC for Potential Intranasal Administration. <i>Pharmaceutics</i> , 2021 , 13,	6.4	5
42	Novel mutual prodrug of 5-fluorouracil and heme oxygenase-1 inhibitor (5-FU/HO-1 hybrid): design and preliminary evaluation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021 , 36, 1378-1386	5.6	5
41	A study on liposomal encapsulation of a lipophilic prodrug of LHRH. <i>Pharmaceutical Development and Technology</i> , 2016 , 21, 664-71	3.4	4

40	Cloricromene conjugates with short-chain alkylamino acids: synthesis and biological evaluation. <i>Drug Development Research</i> , 2002 , 57, 115-121	5.1	4
39	Synthesis and biological evaluation of 2-alkoxyphenyl-6-(substituted phenyl)-1,3,4-thiadiazole-[3,2-a]-s-triazin-5,7-diones and 1-(alkyl and substituted phenyl)-3-[5-alkoxyphenyl-1,3,4-thia- and oxadiazol-2-yl]-ureas. <i>European Journal of Medicinal Chemistry</i> , 1989 , 24, 277-285	6.8	4
38	Biomaterials - Physics and Chemistry 2011 ,		4
37	Ferulic Acid-Loaded Polymeric Nanoparticles for Potential Ocular Delivery. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
36	Nanosized devices as antibiotics and antifungals delivery: past, news, and outlook 2017 , 697-748		3
35	Preparation and Microbiological Evaluation of Amphiphilic Kanamycin-Lipoamino Acid Ion-Pairs. <i>Antibiotics</i> , 2014 , 3, 216-32	4.9	3
34	Appendix 1: General experimental set-up of liposomal systems for DSC 2013 , 363-379		3
33	Enhancement of availability of cloricromene at brain level by a lipophilic prodrug. <i>Journal of Pharmacy and Pharmacology</i> , 2006 , 58, 1001-5	4.8	3
32	Lipophilic conjugates of methotrexate with glucosyl-lipoamino acids: calorimetric study of the interaction with a biomembrane model. <i>Thermochimica Acta</i> , 2005 , 426, 163-171	2.9	3
31	Synthesis and in vitro skin permeation of naproxen conjugates with alpha-alkylamino acids. <i>Current Drug Delivery</i> , 2005 , 2, 185-9	3.2	3
30	Calorimetric Study on the Synthetic Pentapeptide Thymopentin Interaction with Phospholipid Membranes: Effect of Stearylamine and pH. <i>Journal of Colloid and Interface Science</i> , 1995 , 175, 289-292	9.3	3
29	Use of liposomes as carriers for immunomodulatory polypeptides: Studies on thymostimulin encapsulation and retention. <i>International Journal of Pharmaceutics</i> , 1992 , 80, 93-100	6.5	3
28	Optimization and Validation of a New Method for the Production of Lipid Nanoparticles for Ophthalmic Application. <i>International Journal of Medical Nano Research</i> , 2014 , 1,	1	3
27	Rheological Behavior of a New Mucoadhesive Oral Formulation Based on Sodium Chondroitin Sulfate, Xyloglucan and Glycerol. <i>Journal of Functional Biomaterials</i> , 2021 , 12,	4.8	3
26	Evaluation of Eudragit [®] Retard Polymers for the Microencapsulation of Alpha-Lipoic Acid. <i>Current Drug Delivery</i> , 2016 , 13, 1165-1175	3.2	3
25	Technology assessment of new biodegradable poly(R-3-hydroxybutyrate-co-1,4-butylene adipate) copolymers for drug delivery. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47233	2.9	3
24	Synthesis and preliminary in vitro screening of lipophilic alpha, gamma-bis(amides) as potential prodrugs of methotrexate. <i>Anti-cancer Drug Design</i> , 1996 , 11, 253-64		3
23	Evaluation of amphiphilic PEG derivatives as surface modifiers for the production of stealth liposomes. <i>Colloid and Polymer Science</i> , 2015 , 293, 1083-1092	2.4	2

22	Characterization of micellar systems produced by new amphiphilic conjugates of poly(ethylene glycol). <i>Drug Development and Industrial Pharmacy</i> , 2014 , 40, 1463-7	3.6	2
21	DSC in drugBiomembrane interaction studies 2013 , 213-236		2
20	Non-steroidal anti-inflammatory drugs 2013 , 281-303		2
19	Crystallographic, NMR and ab initio calculation studies of tautomerism among substituted dihydrothiazol-2-ylhydrazones. <i>Perkin Transactions II RSC</i> , 2002 , 1012-1016		2
18	Lipophilicity evaluation by RP-HPLC of two homologous series of methotrexate derivatives. <i>Pharmaceutica Acta Helveticae</i> , 2000 , 74, 405-10		2
17	Sorafenib Repurposing for Ophthalmic Delivery by Lipid Nanoparticles: A Preliminary Study. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
16	Quality by design tools reducing the gap from bench to bedside for nanomedicine. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 169, 144-155	5.7	2
15	Synthesis, characterization and in vitro evaluation of amphiphilic ion pairs of erythromycin and kanamycin antibiotics with liposaccharides. <i>European Journal of Medicinal Chemistry</i> , 2016 , 120, 329-37	6.8	2
14	Optimization of dextran sulfate/poly-L-lysine based nanogels polyelectrolyte complex for intranasal ovalbumin delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 65, 102678	4.5	2
13	Development, Optimization and Characterization of Eudraguard-based Microparticles for Colon Delivery. <i>Pharmaceutics</i> , 2020 , 13,	5.2	1
12	Biological membranes and their role in physio-pathological conditions 2013 , 1-46		1
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