

Dhananjay Pal

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,887
citations

361296

20
h-index

360920

35
g-index

36
all docs

36
docs citations

36
times ranked

2525
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive insight on ocular pharmacokinetics. Drug Delivery and Translational Research, 2016, 6, 735-754.	3.0	270
2	Ocular Drug Delivery: Present Innovations and Future Challenges. Journal of Pharmacology and Experimental Therapeutics, 2019, 370, 602-624.	1.3	244
3	MDR- and CYP3A4-mediated drug-herbal interactions. Life Sciences, 2006, 78, 2131-2145.	2.0	220
4	MDR- and CYP3A4-Mediated Drug-Drug Interactions. Journal of NeuroImmune Pharmacology, 2006, 1, 323-339.	2.1	159
5	Ocular delivery of proteins and peptides: Challenges and novel formulation approaches. Advanced Drug Delivery Reviews, 2018, 126, 67-95.	6.6	154
6	Novel delivery approaches for cancer therapeutics. Journal of Controlled Release, 2015, 219, 248-268.	4.8	127
7	Ocular Pharmacokinetics of a Topical Ophthalmic Nanomicellar Solution of Cyclosporine (Cequa®) for Dry Eye Disease. Pharmaceutical Research, 2019, 36, 36.	1.7	90
8	Drug Resistance in Metastatic Breast Cancer: Tumor Targeted Nanomedicine to the Rescue. International Journal of Molecular Sciences, 2021, 22, 4673.	1.8	69
9	Nanoparticle-Based Topical Ophthalmic Gel Formulation for Sustained Release of Hydrocortisone Butyrate. AAPS PharmSciTech, 2016, 17, 294-306.	1.5	63
10	Recent perspectives on the delivery of biologics to back of the eye. Expert Opinion on Drug Delivery, 2017, 14, 631-645.	2.4	49
11	Prodrugs and nanomicelles to overcome ocular barriers for drug penetration. Expert Opinion on Drug Metabolism and Toxicology, 2020, 16, 885-906.	1.5	42
12	How are we improving the delivery to back of the eye? Advances and challenges of novel therapeutic approaches. Expert Opinion on Drug Delivery, 2017, 14, 1145-1162.	2.4	35
13	Tailor-Made Pentablock Copolymer Based Formulation for Sustained Ocular Delivery of Protein Therapeutics. Journal of Drug Delivery, 2014, 2014, 1-15.	2.5	30
14	Self-Assembling Topical Nanomicellar Formulation to Improve Curcumin Absorption Across Ocular Tissues. AAPS PharmSciTech, 2019, 20, 254.	1.5	29
15	Thermosensitive hydrogel-based drug delivery system for sustained drug release. Journal of Polymer Research, 2019, 26, 1.	1.2	29
16	Differential Expression of Folate Receptor-Alpha, Sodium-Dependent Multivitamin Transporter, and Amino Acid Transporter (B ^(0,+)) in Human Retinoblastoma (Y-79) and Retinal Pigment Epithelial (ARPE-19) Cell Lines. Journal of Ocular Pharmacology and Therapeutics, 2012, 28, 237-244.	0.6	23
17	Nanoparticle-based topical ophthalmic formulation for sustained release of stereoisomeric dipeptide prodrugs of ganciclovir. Drug Delivery, 2016, 23, 2399-2409.	2.5	22
18	Optimization of novel pentablock copolymer based composite formulation for sustained delivery of peptide/protein in the treatment of ocular diseases. Journal of Microencapsulation, 2016, 33, 103-113.	1.2	22

#	ARTICLE	IF	CITATIONS
19	Hyaluronic Acid-Targeted Stimuli-Sensitive Nanomicelles Co-Encapsulating Paclitaxel and Ritonavir to Overcome Multi-Drug Resistance in Metastatic Breast Cancer and Triple-Negative Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1257.	1.8	21
20	Amino Acid Prodrugs: An Approach to Improve the Absorption of HIV-1 Protease Inhibitor, Lopinavir. <i>Pharmaceuticals</i> , 2014, 7, 433-452.	1.7	20
21	Transporter effects on cell permeability in drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 385-401.	2.4	19
22	Preparation and characterization of lutein loaded folate conjugated polymeric nanoparticles. <i>Journal of Microencapsulation</i> , 2020, 37, 502-516.	1.2	19
23	Prodrug approach to improve absorption of prednisolone. <i>International Journal of Pharmaceutics</i> , 2015, 487, 242-249.	2.6	18
24	Self-Assembling Tacrolimus Nanomicelles for Retinal Drug Delivery. <i>Pharmaceutics</i> , 2020, 12, 1072.	2.0	17
25	InÂvitro moxifloxacin drug interaction with chemotherapeutics: Implications for retinoblastoma management. <i>Experimental Eye Research</i> , 2014, 118, 61-71.	1.2	14
26	Molecular expression and functional activity of vitamin C specific transport system (SVCT2) in human breast cancer cells. <i>International Journal of Pharmaceutics</i> , 2014, 474, 14-24.	2.6	13
27	Amino acid prodrug of quinidine: An approach to circumvent P-glycoprotein mediated cellular efflux. <i>International Journal of Pharmaceutics</i> , 2014, 464, 196-204.	2.6	12
28	Multi-Layered Nanomicelles as Self-Assembled Nanocarrier Systems for Ocular Peptide Delivery. <i>AAPS PharmSciTech</i> , 2019, 20, 66.	1.5	12
29	Circumvention of P-gp and MRP2 mediated efflux of lopinavir by a histidine based dipeptide prodrug. <i>International Journal of Pharmaceutics</i> , 2016, 512, 49-60.	2.6	11
30	Octreotide-Targeted Lcn2 siRNA PEGylated Liposomes as a Treatment for Metastatic Breast Cancer. <i>Bioengineering</i> , 2021, 8, 44.	1.6	11
31	CYP3A4 and MDR Mediated Interactions in Drug Therapy. <i>Clinical Research and Regulatory Affairs</i> , 2006, 23, 125-163.	2.1	7
32	Dipeptide prodrug approach to evade efflux pumps and CYP3A4 metabolism of lopinavir. <i>International Journal of Pharmaceutics</i> , 2014, 476, 99-107.	2.6	7
33	Uptake and bioconversion of stereoisomeric dipeptide prodrugs of ganciclovir by nanoparticulate carriers in corneal epithelial cells. <i>Drug Delivery</i> , 2016, 23, 2532-2540.	2.5	6
34	Novel Random Triblock Copolymers for Sustained Delivery of Macromolecules for the Treatment of Ocular Diseases. <i>AAPS PharmSciTech</i> , 2018, 19, 3871-3885.	1.5	2
35	Strategic Pentablock Copolymer Nanomicellar Formulation for Paclitaxel Delivery System. <i>AAPS PharmSciTech</i> , 2018, 19, 3110-3122.	1.5	1
36	Uptake and Permeability Studies to Delineate the Role of Efflux Transporters. <i>Methods in Molecular Biology</i> , 2016, 1395, 69-74.	0.4	0