

# Dhananjay Pal

## List of Publications by Citations

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36  
papers

1,255  
citations

17  
h-index

35  
g-index

36  
ext. papers

1,536  
ext. citations

5.6  
avg, IF

4.93  
L-index

#	Paper	IF	Citations
36	MDR- and CYP3A4-mediated drug-herbal interactions. <i>Life Sciences</i> , <b>2006</b> , 78, 2131-45	6.8	193
35	A comprehensive insight on ocular pharmacokinetics. <i>Drug Delivery and Translational Research</i> , <b>2016</b> , 6, 735-754	6.2	167
34	MDR- and CYP3A4-mediated drug-drug interactions. <i>Journal of NeuroImmune Pharmacology</i> , <b>2006</b> , 1, 323-39	6.9	136
33	Ocular Drug Delivery: Present Innovations and Future Challenges. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2019</b> , 370, 602-624	4.7	123
32	Novel delivery approaches for cancer therapeutics. <i>Journal of Controlled Release</i> , <b>2015</b> , 219, 248-268	11.7	99
31	Ocular delivery of proteins and peptides: Challenges and novel formulation approaches. <i>Advanced Drug Delivery Reviews</i> , <b>2018</b> , 126, 67-95	18.5	96
30	Ocular Pharmacokinetics of a Topical Ophthalmic Nanomicellar Solution of Cyclosporine (Cequa <sup>®</sup> ) for Dry Eye Disease. <i>Pharmaceutical Research</i> , <b>2019</b> , 36, 36	4.5	50
29	Nanoparticle-Based Topical Ophthalmic Gel Formulation for Sustained Release of Hydrocortisone Butyrate. <i>AAPS PharmSciTech</i> , <b>2016</b> , 17, 294-306	3.9	49
28	Recent perspectives on the delivery of biologics to back of the eye. <i>Expert Opinion on Drug Delivery</i> , <b>2017</b> , 14, 631-645	8	36
27	How are we improving the delivery to back of the eye? Advances and challenges of novel therapeutic approaches. <i>Expert Opinion on Drug Delivery</i> , <b>2017</b> , 14, 1145-1162	8	28
26	Tailor-made pentablock copolymer based formulation for sustained ocular delivery of protein therapeutics. <i>Journal of Drug Delivery</i> , <b>2014</b> , 2014, 401747	2.3	24
25	Drug Resistance in Metastatic Breast Cancer: Tumor Targeted Nanomedicine to the Rescue. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	20
24	Optimization of novel pentablock copolymer based composite formulation for sustained delivery of peptide/protein in the treatment of ocular diseases. <i>Journal of Microencapsulation</i> , <b>2016</b> , 33, 103-13	3.4	19
23	Thermosensitive hydrogel-based drug delivery system for sustained drug release. <i>Journal of Polymer Research</i> , <b>2019</b> , 26, 1	2.7	18
22	Prodrugs and nanomicelles to overcome ocular barriers for drug penetration. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2020</b> , 16, 885-906	5.5	18
21	Prodrug approach to improve absorption of prednisolone. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 487, 242-9	6.5	17
20	Nanoparticle-based topical ophthalmic formulation for sustained release of stereoisomeric dipeptide prodrugs of ganciclovir. <i>Drug Delivery</i> , <b>2016</b> , 23, 2399-2409	7	17

19	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. <i>Journal of Ocular Pharmacology and Therapeutics</i> , <b>2012</b> , 28, 237-44	2.6	16
18	Self-Assembling Topical Nanomicellar Formulation to Improve Curcumin Absorption Across Ocular Tissues. <i>AAPS PharmSciTech</i> , <b>2019</b> , 20, 254	3.9	15
17	Transporter effects on cell permeability in drug delivery. <i>Expert Opinion on Drug Delivery</i> , <b>2017</b> , 14, 385-401	4.0	15
16	Amino Acid Prodrugs: An Approach to Improve the Absorption of HIV-1 Protease Inhibitor, Lopinavir. <i>Pharmaceuticals</i> , <b>2014</b> , 7, 433-52	5.2	15
15	In vitro moxifloxacin drug interaction with chemotherapeutics: implications for retinoblastoma management. <i>Experimental Eye Research</i> , <b>2014</b> , 118, 61-71	3.7	12
14	Amino acid prodrug of quinidine: an approach to circumvent P-glycoprotein mediated cellular efflux. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 464, 196-204	6.5	11
13	Molecular expression and functional activity of vitamin C specific transport system (SVCT2) in human breast cancer cells. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 474, 14-24	6.5	10
12	Circumvention of P-gp and MRP2 mediated efflux of lopinavir by a histidine based dipeptide prodrug. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 512, 49-60	6.5	9
11	CYP3A4 and MDR Mediated Interactions in Drug Therapy. <i>Clinical Research and Regulatory Affairs</i> , <b>2006</b> , 23, 125-163		7
10	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> , <b>2021</b> , 22,	6.3	7
9	Uptake and bioconversion of stereoisomeric dipeptide prodrugs of ganciclovir by nanoparticulate carriers in corneal epithelial cells. <i>Drug Delivery</i> , <b>2016</b> , 23, 2532-2540	7	5
8	Dipeptide prodrug approach to evade efflux pumps and CYP3A4 metabolism of lopinavir. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 476, 99-107	6.5	5
7	Preparation and characterization of lutein loaded folate conjugated polymeric nanoparticles. <i>Journal of Microencapsulation</i> , <b>2020</b> , 37, 502-516	3.4	5
6	Multi-Layered Nanomicelles as Self-Assembled Nanocarrier Systems for Ocular Peptide Delivery. <i>AAPS PharmSciTech</i> , <b>2019</b> , 20, 66	3.9	5
5	Self-Assembling Tacrolimus Nanomicelles for Retinal Drug Delivery. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	4
4	Octreotide-Targeted Lcn2 siRNA PEGylated Liposomes as a Treatment for Metastatic Breast Cancer. <i>Bioengineering</i> , <b>2021</b> , 8,	5.3	2
3	Strategic Pentablock Copolymer Nanomicellar Formulation for Paclitaxel Delivery System. <i>AAPS PharmSciTech</i> , <b>2018</b> , 19, 3110-3122	3.9	1
2	Novel Random Triblock Copolymers for Sustained Delivery of Macromolecules for the Treatment of Ocular Diseases. <i>AAPS PharmSciTech</i> , <b>2018</b> , 19, 3871-3885	3.9	1

- 1 Uptake and Permeability Studies to Delineate the Role of Efflux Transporters. *Methods in Molecular Biology*, **2016**, 1395, 69-74 1.4