

Bhuvaneshwar Vaidya

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57 papers	2,390 citations	28 h-index	48 g-index
61 ext. papers	2,783 ext. citations	5.6 avg, IF	5.25 L-index

#	Paper	IF	Citations
57	Glutamate Buffering Capacity and Blood-Brain Barrier Protection of Opioid Receptor Agonists Biphalin and Nociceptin. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021 , 379, 260-269	4.7	1
56	Repurposing metformin to treat age-related neurodegenerative disorders and ischemic stroke. <i>Life Sciences</i> , 2021 , 274, 119343	6.8	12
55	Nano-synergistic combination of Erlotinib and Quinacrine for non-small cell lung cancer (NSCLC) therapeutics - Evaluation in biologically relevant in-vitro models. <i>Materials Science and Engineering C</i> , 2021 , 121, 111891	8.3	3
54	Development of inhalable quinacrine loaded bovine serum albumin modified cationic nanoparticles: Repurposing quinacrine for lung cancer therapeutics. <i>International Journal of Pharmaceutics</i> , 2020 , 577, 118995	6.5	35
53	Novel approaches for the delivery of therapeutics in ischemic stroke. <i>Drug Discovery Today</i> , 2020 , 25, 535-551	8.8	16
52	Discovery of novel compound promotes neurogenesis by activation of mTOR signaling. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
51	Exosomes in Ischemic Stroke. <i>Current Pharmaceutical Design</i> , 2020 , 26, 5533-5545	3.3	7
50	Prenatal electronic cigarette exposure decreases brain glucose utilization and worsens outcome in offspring hypoxic-ischemic brain injury. <i>Journal of Neurochemistry</i> , 2020 , 153, 63-79	6	13
49	The Role of Smoking and Nicotine in the Transmission and Pathogenesis of COVID-19. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020 , 375, 498-509	4.7	15
48	Repurposing Quinacrine for Treatment of Malignant Mesothelioma: In-Vitro Therapeutic and Mechanistic Evaluation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
47	Brain Delivery of a Potent Opioid Receptor Agonist, Biphalin during Ischemic Stroke: Role of Organic Anion Transporting Polypeptide (OATP). <i>Pharmaceutics</i> , 2019 , 11,	6.4	18
46	Role of Myo-inositol in Ischemic Stroke Outcome in a Preclinical Tobacco Smoke Exposed Mouse Model. <i>FASEB Journal</i> , 2019 , 33, 500.2	0.9	
45	Neurovascular unit transport responses to ischemia and common coexisting conditions: smoking and diabetes. <i>American Journal of Physiology - Cell Physiology</i> , 2019 , 316, C2-C15	5.4	10
44	Cyclodextrin modified erlotinib loaded PLGA nanoparticles for improved therapeutic efficacy against non-small cell lung cancer. <i>International Journal of Biological Macromolecules</i> , 2019 , 122, 338-347	7.9	63
43	Nintedanib-cyclodextrin complex to improve bio-activity and intestinal permeability. <i>Carbohydrate Polymers</i> , 2019 , 204, 68-77	10.3	31
42	The neuroprotective role of the brain opioid system in stroke injury. <i>Drug Discovery Today</i> , 2018 , 23, 1388-1395	8.3	16
41	Nicotine and electronic cigarette (E-Cig) exposure decreases brain glucose utilization in ischemic stroke. <i>Journal of Neurochemistry</i> , 2018 , 147, 204-221	6	26

40	Potential role of myo-inositol to improve ischemic stroke outcome in diabetic mouse. <i>Brain Research</i> , 2018 , 1699, 166-176	3.7	7
39	Blood-Brain Barrier Protection as a Therapeutic Strategy for Acute Ischemic Stroke. <i>AAPS Journal</i> , 2017 , 19, 957-972	3.7	94
38	Advances in treatment of pulmonary arterial hypertension: patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2017 , 27, 907-918	6.8	9
37	Liposomes for the delivery of streptokinase. <i>Therapeutic Delivery</i> , 2017 , 8, 855-866	3.8	5
36	Zinc oxide nanoparticles: a promising nanomaterial for biomedical applications. <i>Drug Discovery Today</i> , 2017 , 22, 1825-1834	8.8	341
35	Exploitation of Novel Molecular Targets to Treat Idiopathic Pulmonary Fibrosis: A Drug Discovery Perspective. <i>Current Medicinal Chemistry</i> , 2017 , 24, 2439-2458	4.3	6
34	Lipid polymer hybrid as emerging tool in nanocarriers for oral drug delivery. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 334-49	6.1	56
33	Microfluidics-based 3D cell culture models: Utility in novel drug discovery and delivery research. <i>Bioengineering and Translational Medicine</i> , 2016 , 1, 63-81	14.8	116
32	Development and characterization of metal oxide nanoparticles for the delivery of anticancer drug. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 672-9	6.1	51
31	Nanotechnology: a magic bullet for HIV AIDS treatment. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2015 , 43, 71-86	6.1	38
30	Bilayer mucoadhesive microparticles for the delivery of metoprolol succinate: Formulation and evaluation. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2015 , 43, 328-33	6.1	1
29	Metal nanoparticles: a theranostic nanotool against cancer. <i>Drug Discovery Today</i> , 2015 , 20, 1143-51	8.8	187
28	Novel therapeutic approaches for pulmonary arterial hypertension: Unique molecular targets to site-specific drug delivery. <i>Journal of Controlled Release</i> , 2015 , 211, 118-33	11.7	30
27	Brain delivery of intranasal in situ gel of nanoparticulated polymeric carriers containing antidepressant drug: behavioral and biochemical assessment. <i>Journal of Drug Targeting</i> , 2015 , 23, 275-86	5.4	42
26	Exosomes: Natural Carriers for siRNA Delivery. <i>Current Pharmaceutical Design</i> , 2015 , 21, 4556-65	3.3	26
25	Eradication of superficial fungal infections by conventional and novel approaches: a comprehensive review. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2014 , 42, 32-46	6.1	36
24	Bioadhesive polymers: novel tool for drug delivery. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2014 , 42, 274-83	6.1	52
23	Polymeric microparticles-based formulation for the eradication of cutaneous candidiasis: development and characterization. <i>Pharmaceutical Development and Technology</i> , 2014 , 19, 318-25	3.4	11

22	Development and Characterization of Clotrimazole Loaded Electrospun Nanofibers for the Management of Oral Candidiasis. <i>Journal of Nanopharmaceutics and Drug Delivery</i> , 2014 , 2, 192-198		6
21	Functionalized carriers for the improved delivery of plasminogen activators. <i>International Journal of Pharmaceutics</i> , 2012 , 424, 1-11	6.5	25
20	Transferrin coupled vesicular system for intracellular drug delivery for the treatment of cancer: development and characterization. <i>Journal of Drug Targeting</i> , 2012 , 20, 372-80	5.4	12
19	Lectin anchored PLGA nanoparticles for oral mucosal immunization against hepatitis B. <i>Journal of Drug Targeting</i> , 2011 , 19, 67-78	5.4	69
18	Platelets directed liposomes for the delivery of streptokinase: development and characterization. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 44, 589-94	5.1	36
17	Development and characterization of site specific target sensitive liposomes for the delivery of thrombolytic agents. <i>International Journal of Pharmaceutics</i> , 2011 , 403, 254-61	6.5	48
16	Effect of surfactants on the characteristics of fluconazole niosomes for enhanced cutaneous delivery. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2011 , 39, 376-84		35
15	Development and characterization of effective topical liposomal system for localized treatment of cutaneous candidiasis. <i>Journal of Liposome Research</i> , 2010 , 20, 341-50	6.1	69
14	Recent advances in mucosal delivery of vaccines: role of mucoadhesive/biodegradable polymeric carriers. <i>Expert Opinion on Therapeutic Patents</i> , 2010 , 20, 661-79	6.8	40
13	Development and characterization of oleic acid vesicles for the topical delivery of fluconazole. <i>Drug Delivery</i> , 2010 , 17, 238-48	7	57
12	Evaluation of mucoadhesive PLGA microparticles for nasal immunization. <i>AAPS Journal</i> , 2010 , 12, 130-7	3.7	61
11	PEG-PLA-PEG block copolymeric nanoparticles for oral immunization against hepatitis B. <i>International Journal of Pharmaceutics</i> , 2010 , 387, 253-62	6.5	94
10	Development of self-assembled nanoceramic carrier construct(s) for vaccine delivery. <i>Journal of Biomaterials Applications</i> , 2009 , 24, 65-84	2.9	25
9	Development and characterization of novel carrier gel core liposomes based transmission blocking malaria vaccine. <i>Journal of Controlled Release</i> , 2009 , 140, 157-65	11.7	42
8	Effect of lipid core material on characteristics of solid lipid nanoparticles designed for oral lymphatic delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2009 , 5, 184-91	6	195
7	Liposome in situ gelling system: Novel carrier based vaccine adjuvant for intranasal delivery of recombinant protein vaccine. <i>Procedia in Vaccinology</i> , 2009 , 1, 148-163		13
6	Targeted delivery of thrombolytic agents: role of integrin receptors. <i>Expert Opinion on Drug Delivery</i> , 2009 , 6, 499-508	8	36
5	Targeted nucleic acid delivery to mitochondria. <i>Current Gene Therapy</i> , 2009 , 9, 475-86	4.3	12

4	Targeted delivery of doxorubicin via estrone-appended liposomes. <i>Journal of Drug Targeting</i> , 2008 , 16, 455-63	5.4	42
3	Solid Lipid Nanoparticles (SLNs) as a Rising Tool in Drug Delivery Science: One Step Up in Nanotechnology. <i>Current Nanoscience</i> , 2008 , 4, 30-44	1.4	55
2	Cell-selective mitochondrial targeting: progress in mitochondrial medicine. <i>Current Drug Delivery</i> , 2007 , 4, 211-24	3.2	8
1	Estrogen(s) and analogs as a non-immunogenic endogenous ligand in targeted drug/DNA delivery. <i>Current Medicinal Chemistry</i> , 2007 , 14, 2095-109	4.3	27