

Vijay Mishra

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

3,036
citations

147801

31
h-index

175258

52
g-index

88
all docs

88
docs citations

88
times ranked

3913
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid Lipid Nanoparticles: Emerging Colloidal Nano Drug Delivery Systems. <i>Pharmaceutics</i> , 2018, 10, 191.	4.5	374
2	Carbon dots: emerging theranostic nanoarchitectures. <i>Drug Discovery Today</i> , 2018, 23, 1219-1232.	6.4	153
3	Targeted drug delivery to macrophages. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 353-367.	5.0	149
4	A review of ligand tethered surface engineered carbon nanotubes. <i>Biomaterials</i> , 2014, 35, 1267-1283.	11.4	145
5	Novel drug delivery systems for NSAIDs in management of rheumatoid arthritis: An overview. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 1011-1023.	5.6	101
6	Quality by design (QbD) approaches in current pharmaceutical set-up. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 737-758.	5.0	100
7	Lecithin organogel: A unique micellar system for the delivery of bioactive agents in the treatment of skin aging. <i>Acta Pharmaceutica Sinica B</i> , 2012, 2, 8-15.	12.0	90
8	Acetazolamide encapsulated dendritic nano-architectures for effective glaucoma management in rabbits. <i>International Journal of Pharmaceutics</i> , 2014, 461, 380-390.	5.2	90
9	Dendrimer technologies for brain tumor. <i>Drug Discovery Today</i> , 2016, 21, 766-778.	6.4	81
10	Receptor-based targeting of therapeutics. <i>Therapeutic Delivery</i> , 2013, 4, 369-394.	2.2	80
11	Bilosomes in the context of oral immunization: development, challenges and opportunities. <i>Drug Discovery Today</i> , 2016, 21, 888-899.	6.4	78
12	Dendrimer-mediated approaches for the treatment of brain tumor. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 557-580.	3.5	75
13	Albumin Nano-Encapsulation of Piceatannol Enhances Its Anticancer Potential in Colon Cancer Via Downregulation of Nuclear p65 and HIF-1 α . <i>Cancers</i> , 2020, 12, 113.	3.7	74
14	The development, characterization and in vivo anti-ovarian cancer activity of poly(propylene imine) (PPI)-antibody conjugates containing encapsulated paclitaxel. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 207-218.	3.3	66
15	Surface-Engineered Dendrimers: a Solution for Toxicity Issues. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009, 20, 141-166.	3.5	65
16	Harnessing amphiphilic polymeric micelles for diagnostic and therapeutic applications: Breakthroughs and bottlenecks. <i>Journal of Controlled Release</i> , 2021, 334, 64-95.	9.9	57
17	Emerging era of "exosomes" polymersomes as versatile drug delivery carrier for cancer diagnostics and therapy. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1171-1190.	5.8	54
18	An overview of vaccine development for COVID-19. <i>Therapeutic Delivery</i> , 2021, 12, 235-244.	2.2	51

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19	Validating the anticancer potential of carbon nanotube-based therapeutics through cell line testing. <i>Drug Discovery Today</i> , 2015, 20, 1049-1060.	6.4	50
20	Alginate: Enhancement Strategies for Advanced Applications. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4486.	4.1	50
21	Crocin Inhibits Angiogenesis and Metastasis in Colon Cancer via TNF- α /NF- κ B/VEGF Pathways. <i>Cells</i> , 2022, 11, 1502.	4.1	41
22	Anti-Inflammatory and Antinociceptive Activities of a Hydroethanolic Extract of <i>Tamarindus indica</i> Leaves. <i>Scientia Pharmaceutica</i> , 2012, 80, 685-700.	2.0	40
23	Recent advances in galactose-engineered nanocarriers for the site-specific delivery of siRNA and anticancer drugs. <i>Drug Discovery Today</i> , 2018, 23, 960-973.	6.4	40
24	Generation dependent hemolytic profile of folate engineered poly(propyleneimine) dendrimer. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 28, 1-6.	3.0	39
25	Biomedical Applications and Toxicological Aspects of Functionalized Carbon Nanotubes. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2018, 35, 293-330.	2.2	39
26	siRNA nanotherapeutics: a Trojan horse approach against HIV. <i>Drug Discovery Today</i> , 2014, 19, 1913-1920.	6.4	38
27	Orally administered self-emulsifying drug delivery system in disease management: advancement and patents. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 315-332.	5.0	37
28	Smart dendrimers: Synergizing the targeting of anticancer bioactives. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 15-26.	3.0	34
29	Nanoneuromedicine for management of neurodegenerative disorder. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 477-490.	3.0	34
30	Dietary Crocin is Protective in Pancreatic Cancer while Reducing Radiation-Induced Hepatic Oxidative Damage. <i>Nutrients</i> , 2020, 12, 1901.	4.1	32
31	Dendrimers based cancer nanotheranostics: An overview. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120485.	5.2	32
32	Fourth generation glucose sensors composed of copper nanostructures for diabetes management: A critical review. <i>Bioengineering and Translational Medicine</i> , 2022, 7, e10248.	7.1	32
33	Nanotechnology Derived Nanotools in Biomedical Perspectives: An Update. <i>Current Nanoscience</i> , 2019, 15, 137-146.	1.2	32
34	Influence of different generations of poly(propylene imine) dendrimers on human erythrocytes. <i>Die Pharmazie</i> , 2010, 65, 891-5.	0.5	32
35	Current Strategies and Drug Targets in the Management of Type 2 Diabetes Mellitus. <i>Current Drug Targets</i> , 2018, 19, 1738-1766.	2.1	28
36	Natural compounds as safe therapeutic options for ulcerative colitis. <i>Inflammopharmacology</i> , 2022, 30, 397-434.	3.9	26

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37	Alginate coated chitosan microparticles mediated oral delivery of diphtheria toxoid. (Part A). Systematic optimization, development and characterization. International Journal of Pharmaceutics, 2015, 495, 220-233.	5.2	24
38	Feed Forward Artificial Neural Network: Tool for Early Detection of Ovarian Cancer. Scientia Pharmaceutica, 2011, 79, 493-505.	2.0	23
39	Stomach specific polymeric low density microballoons as a vector for extended delivery of rabeprazole and amoxicillin for treatment of peptic ulcer. Colloids and Surfaces B: Biointerfaces, 2016, 141, 268-277.	5.0	23
40	Fabrication and biomedical potential of nanogels: An overview. International Journal of Polymeric Materials and Polymeric Biomaterials, 2019, 68, 287-296.	3.4	23
41	Inhalable spray dried lipidnanoparticles for the co-delivery of paclitaxel and doxorubicin in lung cancer. Journal of Drug Delivery Science and Technology, 2020, 56, 101502.	3.0	21
42	Dendrimer Based Nanoarchitectures in Diabetes Management: An Overview. Current Pharmaceutical Design, 2019, 25, 2569-2583.	1.9	20
43	Development and evaluation of the effect of ethanol and surfactant in vesicular carriers on Lamivudine permeation through the skin. International Journal of Pharmaceutics, 2021, 610, 121226.	5.2	20
44	Formulation Development and Evaluation of Pravastatin-Loaded Nanogel for Hyperlipidemia Management. Gels, 2022, 8, 81.	4.5	20
45	Nucleic Acid Aptamers as a Potential Nucleus Targeted Drug Delivery System. Current Drug Delivery, 2020, 17, 101-111.	1.6	19
46	Reverse pharmacology of phytoconstituents of food and plant in the management of diabetes: Current status and perspectives. Trends in Food Science and Technology, 2021, 110, 594-610.	15.1	17
47	Synthesis and Anticancer Properties of Azole™ Based Chemotherapeutics as Emerging Chemical Moieties: A Comprehensive Review. Current Organic Chemistry, 2021, 25, 654-668.	1.6	17
48	Targeting eosinophils in respiratory diseases: Biological axis, emerging therapeutics and treatment modalities. Life Sciences, 2021, 267, 118973.	4.3	16
49	Biomedical applications of three-dimensional bioprinted craniofacial tissue engineering. Bioengineering and Translational Medicine, 2023, 8, .	7.1	16
50	Dynamics of Prolyl Hydroxylases Levels During Disease Progression in Experimental Colitis. Inflammation, 2019, 42, 2032-2036.	3.8	14
51	The viral capsid as novel nanomaterials for drug delivery. Future Science OA, 2021, 7, FSO744.	1.9	14
52	TPGS stabilized sublingual films of frovatriptan for the management of menstrual migraine: Formulation, design and antioxidant activity. Journal of Drug Delivery Science and Technology, 2017, 41, 144-156.	3.0	13
53	Drug Delivery Approaches for Doxorubicin in the Management of Cancers. Current Cancer Therapy Reviews, 2020, 16, 320-331.	0.3	13
54	COVID-19: Underpinning Research for Detection, Therapeutics, and Vaccines Development. Pharmaceutical Nanotechnology, 2020, 8, 323-353.	1.5	13

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55	Comparative in vitro evaluation of glimepiride containing nanosuspension drug delivery system developed by different techniques. Journal of Molecular Structure, 2021, 1231, 129927.	3.6	11
56	Carbon Nanotubes as Emerging Nanocarriers in Drug Delivery: An Overview. International Journal of Pharmaceutical Quality Assurance, 2020, 11, 373-378.	0.3	11
57	Biodegradable nanoparticles as theranostics of ovarian cancer: an overview. Journal of Pharmacy and Pharmacology, 2018, 70, 435-449.	2.4	10
58	Nanoarchitectures in Management of Fungal Diseases: An Overview. Applied Sciences (Switzerland), 2021, 11, 7119.	2.5	10
59	Pharmaceutical Aspects of Green Synthesized Silver Nanoparticles: A Boon to Cancer Treatment. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 1490-1509.	1.7	10
60	Delonix regia: historic perspectives and modern phytochemical and pharmacological researches. Chinese Journal of Natural Medicines, 2016, 14, 31-9.	1.3	10
61	Emerging Treatment Strategies for Diabetes Mellitus and Associated Complications: An Update. Pharmaceutics, 2021, 13, 1568.	4.5	9
62	Exploiting the Metabolism of the Gut Microbiome as a Vehicle for Targeted Drug Delivery to the Colon. Pharmaceutics, 2021, 14, 1211.	3.8	9
63	Niosomes: Potential Nanocarriers for Drug Delivery. International Journal of Pharmaceutical Quality Assurance, 2020, 11, 389-394.	0.3	7
64	FORMULATION DEVELOPMENT AND IN VITRO ANTIOXIDANT AND ANTIDIABETIC EVALUATION OF ERIOBOTRYA JAPONICA BASED SELF NANO EMULSIFYING DRUG DELIVERY SYSTEM. International Journal of Applied Pharmaceutics, 0, , 313-319.	0.3	6
65	Quantum Dot-Based Drug Delivery for Lung Cancer. , 2019, , 311-326.		6
66	Treating blood cancer with nanotechnology: A paradigm shift. , 2021, , 225-243.		6
67	Overview of key molecular and pharmacological targets for diabetes and associated diseases. Life Sciences, 2021, 278, 119632.	4.3	6
68	Targeting LIN28: a new hope in prostate cancer theranostics. Future Oncology, 2021, 17, 3873-3880.	2.4	6
69	Synthesis and pharmacological evaluation of pyridinyl-1,3,4-oxadiazolyl-ethanone derivatives as antimicrobial, antifungal and antitubercular agents. Medicinal Chemistry Research, 2018, 27, 744-755.	2.4	5
70	SWEET FUTURE OF STEVIA: A MAGICAL SWEETENER. Asian Journal of Pharmaceutical and Clinical Research, 2018, 11, 36.	0.3	5
71	Impacts and Consequences of COVID-19 Epidemic on Global Economy. Coronaviruses, 2021, 2, 77-88.	0.3	5
72	A Review on Status of Nanotechnology in Pharmaceutical Sciences. International Journal of Drug Delivery Technology, 2019, 9, 98-103.	0.1	5

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73	Quantum Dots in Targeted Delivery of Bioactives and Imaging. , 2017, , 427-450.		4
74	Bilayer Tablet Based Chronotherapeutics in the Management of Nocturnal Asthma: An Overview. Recent Patents on Drug Delivery and Formulation, 2019, 13, 74-82.	2.1	4
75	Nanocelluloses in Sensing Technology. , 2021, , 1-30.		4
76	Nature bioinspired and engineered nanomaterials. , 2022, , 31-58.		4
77	Personalized medicine: An overview. International Journal of Pharmaceutical Quality Assurance, 2019, 10, .	0.3	3
78	HUMAN PAPILLOMAVIRUS AND ITS NATURE OF INFECTION: AN OVERVIEW. Asian Journal of Pharmaceutical and Clinical Research, 2018, 11, 12.	0.3	2
79	Biomedical Potential of Graphene oxide based Nanoformulations: An Overview. International Journal of Drug Delivery Technology, 2019, 9, 109-113.	0.1	2
80	Hydrogel-Based Drug Delivery for Lung Cancer. , 2019, , 293-310.		1
81	Targeting aspects for bioactive drugs. , 2020, , 423-449.		1
82	Recent advancement and biomedical applications of fungal metabolites. , 2021, , 47-67.		1
83	EVALUATION OF THE ANTIOXIDANT ACTIVITY OF FRUIT EXTRACTS OF INDIGENOUS MEDICINAL PLANT, ZIZYPHUS XYLOPYRUS (RETZ.) WILLD. International Journal of Green Pharmacy, 2018, 12, .	0.1	0
84	Potential Preventive and Therapeutic Accountability of Probiotics in Cancer: An Insight of Mechanism of Action. , 2021, , 29-45.		0
85	Designing and Synthesis of Green Polymeric Nanomaterials for Pharmaceutical Applications. , 2021, , 47-64.		0