

# 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	Biomedical applications of three-dimensional bioprinted craniofacial tissue engineering. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	7.1	16
2	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
3	Nature bioinspired and engineered nanomaterials. , 2022, , 31-58.		4
4	Formulation Development and Evaluation of Pravastatin-Loaded Nanogel for Hyperlipidemia Management. <i>Gels</i> , 2022, 8, 81.	4.5	20
5	Natural compounds as safe therapeutic options for ulcerative colitis. <i>Inflammopharmacology</i> , 2022, 30, 397-434.	3.9	26
6	Alginate: Enhancement Strategies for Advanced Applications. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4486.	4.1	50
7	Crocic acid Inhibits Angiogenesis and Metastasis in Colon Cancer via TNF- $\alpha$ /NF- $\kappa$ B/VEGF Pathways. <i>Cells</i> , 2022, 11, 1502.	4.1	41
8	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
9	Reverse pharmacology of phytoconstituents of food and plant in the management of diabetes: Current status and perspectives. <i>Trends in Food Science and Technology</i> , 2021, 110, 594-610.	15.1	17
10	Treating blood cancer with nanotechnology: A paradigm shift. , 2021, , 225-243.		6
11	Recent advancement and biomedical applications of fungal metabolites. , 2021, , 47-67.		1
12	Targeting eosinophils in respiratory diseases: Biological axis, emerging therapeutics and treatment modalities. <i>Life Sciences</i> , 2021, 267, 118973.	4.3	16
13	An overview of vaccine development for COVID-19. <i>Therapeutic Delivery</i> , 2021, 12, 235-244.	2.2	51
14	Synthesis and Anticancer Properties of Azole-Based Chemotherapeutics as Emerging Chemical Moieties: A Comprehensive Review. <i>Current Organic Chemistry</i> , 2021, 25, 654-668.	1.6	17
15	Impacts and Consequences of COVID-19 Epidemic on Global Economy. <i>Coronaviruses</i> , 2021, 2, 77-88.	0.3	5
16	Comparative in vitro evaluation of glimepiride containing nanosuspension drug delivery system developed by different techniques. <i>Journal of Molecular Structure</i> , 2021, 1231, 129927.	3.6	11
17	Dendrimers based cancer nanotheranostics: An overview. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120485.	5.2	32
18	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

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19	Nanoarchitectures in Management of Fungal Diseases: An Overview. Applied Sciences (Switzerland), 2021, 11, 7119.	2.5	10
20	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
21	The viral capsid as novel nanomaterials for drug delivery. Future Science OA, 2021, 7, FSO744.	1.9	14
22	Overview of key molecular and pharmacological targets for diabetes and associated diseases. Life Sciences, 2021, 278, 119632.	4.3	6
23	Emerging Treatment Strategies for Diabetes Mellitus and Associated Complications: An Update. Pharmaceutics, 2021, 13, 1568.	4.5	9
24	Targeting LIN28: a new hope in prostate cancer theranostics. Future Oncology, 2021, 17, 3873-3880.	2.4	6
25	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
26	Potential Preventive and Therapeutic Accountability of Probiotics in Cancer: An Insight of Mechanism of Action. , 2021, , 29-45.		0
27	Exploiting the Metabolism of the Gut Microbiome as a Vehicle for Targeted Drug Delivery to the Colon. Pharmaceutics, 2021, 14, 1211.	3.8	9
28	Nanocelluloses in Sensing Technology. , 2021, , 1-30.		4
29	Designing and Synthesis of Green Polymeric Nanomaterials for Pharmaceutical Applications. , 2021, , 47-64.		0
30	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
31	Albumin Nano-Encapsulation of Piceatannol Enhances Its Anticancer Potential in Colon Cancer Via Downregulation of Nuclear p65 and HIF-1 $\alpha$ . Cancers, 2020, 12, 113.	3.7	74
32	Emerging era of "osomes" polymersomes as versatile drug delivery carrier for cancer diagnostics and therapy. Drug Delivery and Translational Research, 2020, 10, 1171-1190.	5.8	54
33	Drug Delivery Approaches for Doxorubicin in the Management of Cancers. Current Cancer Therapy Reviews, 2020, 16, 320-331.	0.3	13
34	Dietary Crocin is Protective in Pancreatic Cancer while Reducing Radiation-Induced Hepatic Oxidative Damage. Nutrients, 2020, 12, 1901.	4.1	32
35	Targeting aspects for bioactive drugs. , 2020, , 423-449.		1
36	Nucleic Acid Aptamers as a Potential Nucleus Targeted Drug Delivery System. Current Drug Delivery, 2020, 17, 101-111.	1.6	19

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37	COVID-19: Underpinning Research for Detection, Therapeutics, and Vaccines Development. <i>Pharmaceutical Nanotechnology</i> , 2020, 8, 323-353.	1.5	13
38	Niosomes: Potential Nanocarriers for Drug Delivery. <i>International Journal of Pharmaceutical Quality Assurance</i> , 2020, 11, 389-394.	0.3	7
39	Carbon Nanotubes as Emerging Nanocarriers in Drug Delivery: An Overview. <i>International Journal of Pharmaceutical Quality Assurance</i> , 2020, 11, 373-378.	0.3	11
40	Dynamics of Prolyl Hydroxylases Levels During Disease Progression in Experimental Colitis. <i>Inflammation</i> , 2019, 42, 2032-2036.	3.8	14
41	Smart dendrimers: Synergizing the targeting of anticancer bioactives. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 15-26.	3.0	34
42	Hydrogel-Based Drug Delivery for Lung Cancer. , 2019, , 293-310.		1
43	Quantum Dot-Based Drug Delivery for Lung Cancer. , 2019, , 311-326.		6
44	Nanoneuromedicine for management of neurodegenerative disorder. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 477-490.	3.0	34
45	Fabrication and biomedical potential of nanogels: An overview. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 287-296.	3.4	23
46	Dendrimer Based Nanoarchitectures in Diabetes Management: An Overview. <i>Current Pharmaceutical Design</i> , 2019, 25, 2569-2583.	1.9	20
47	Nanotechnology Derived Nanotools in Biomedical Perspectives: An Update. <i>Current Nanoscience</i> , 2019, 15, 137-146.	1.2	32
48	Bilayer Tablet Based Chronotherapeutics in the Management of Nocturnal Asthma: An Overview. <i>Recent Patents on Drug Delivery and Formulation</i> , 2019, 13, 74-82.	2.1	4
49	A Review on Status of Nanotechnology in Pharmaceutical Sciences. <i>International Journal of Drug Delivery Technology</i> , 2019, 9, 98-103.	0.1	5
50	Biomedical Potential of Graphene oxide based Nanoformulations: An Overview. <i>International Journal of Drug Delivery Technology</i> , 2019, 9, 109-113.	0.1	2
51	Personalized medicine: An overview. <i>International Journal of Pharmaceutical Quality Assurance</i> , 2019, 10, .	0.3	3
52	Carbon dots: emerging theranostic nanoarchitectures. <i>Drug Discovery Today</i> , 2018, 23, 1219-1232.	6.4	153
53	Biodegradable nanoparticles as theranostics of ovarian cancer: an overview. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 435-449.	2.4	10
54	Synthesis and pharmacological evaluation of pyridinyl-1,3,4-oxadiazolyl-ethanone derivatives as antimicrobial, antifungal and antitubercular agents. <i>Medicinal Chemistry Research</i> , 2018, 27, 744-755.	2.4	5

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55	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
56	HUMAN PAPILLOMAVIRUS AND ITS NATURE OF INFECTION: AN OVERVIEW. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018, 11, 12.	0.3	2
57	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
58	SWEET FUTURE OF STEVIA: A MAGICAL SWEETENER. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018, 11, 36.	0.3	5
59	Solid Lipid Nanoparticles: Emerging Colloidal Nano Drug Delivery Systems. <i>Pharmaceutics</i> , 2018, 10, 191.	4.5	374
60	Quality by design (QbD) approaches in current pharmaceutical set-up. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 737-758.	5.0	100
61	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
62	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
63	EVALUATION OF THE ANTIOXIDANT ACTIVITY OF FRUIT EXTRACTS OF INDIGENOUS MEDICINAL PLANT, ZIZYPHUS XYLOPYRUS (RETZ.) WILLD. <i>International Journal of Green Pharmacy</i> , 2018, 12, .	0.1	0
64	TPGS stabilized sublingual films of frovatriptan for the management of menstrual migraine: Formulation, design and antioxidant activity. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 41, 144-156.	3.0	13
65	Quantum Dots in Targeted Delivery of Bioactives and Imaging. , 2017, , 427-450.		4
66	Biosomes in the context of oral immunization: development, challenges and opportunities. <i>Drug Discovery Today</i> , 2016, 21, 888-899.	6.4	78
67	Stomach specific polymeric low density microballoons as a vector for extended delivery of rabeprazole and amoxicillin for treatment of peptic ulcer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 268-277.	5.0	23
68	Dendrimer technologies for brain tumor. <i>Drug Discovery Today</i> , 2016, 21, 766-778.	6.4	81
69	Dendrimer-mediated approaches for the treatment of brain tumor. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 557-580.	3.5	75
70	Delonix regia: historic perspectives and modern phytochemical and pharmacological researches. <i>Chinese Journal of Natural Medicines</i> , 2016, 14, 31-9.	1.3	10
71	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
72	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

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73	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
74	The development, characterization and in vivo anti-ovarian cancer activity of poly(propylene imine) (PPI)-antibody conjugates containing encapsulated paclitaxel. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 207-218.	3.3	66
75	Acetazolamide encapsulated dendritic nano-architectures for effective glaucoma management in rabbits. International Journal of Pharmaceutics, 2014, 461, 380-390.	5.2	90
76	A review of ligand tethered surface engineered carbon nanotubes. Biomaterials, 2014, 35, 1267-1283.	11.4	145
77	siRNA nanotherapeutics: a Trojan horse approach against HIV. Drug Discovery Today, 2014, 19, 1913-1920.	6.4	38
78	Receptor-based targeting of therapeutics. Therapeutic Delivery, 2013, 4, 369-394.	2.2	80
79	Targeted drug delivery to macrophages. Expert Opinion on Drug Delivery, 2013, 10, 353-367.	5.0	149
80	Anti-Inflammatory and Antinociceptive Activities of a Hydroethanolic Extract of Tamarindus indica Leaves. Scientia Pharmaceutica, 2012, 80, 685-700.	2.0	40
81	Lecithin organogel: A unique micellar system for the delivery of bioactive agents in the treatment of skin aging. Acta Pharmaceutica Sinica B, 2012, 2, 8-15.	12.0	90
82	Feed Forward Artificial Neural Network: Tool for Early Detection of Ovarian Cancer. Scientia Pharmaceutica, 2011, 79, 493-505.	2.0	23
83	Influence of different generations of poly(propylene imine) dendrimers on human erythrocytes. Die Pharmazie, 2010, 65, 891-5.	0.5	32
84	Surface-Engineered Dendrimers: a Solution for Toxicity Issues. Journal of Biomaterials Science, Polymer Edition, 2009, 20, 141-166.	3.5	65
85	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