

# Manisha Pandey

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

3,277  
citations

147801

31  
h-index

155660

55  
g-index

76  
all docs

76  
docs citations

76  
times ranked

4102  
citing authors

#	ARTICLE	IF	CITATIONS
1	An update on natural compounds in the remedy of diabetes mellitus: A systematic review. <i>Journal of Traditional and Complementary Medicine</i> , 2018, 8, 361-376.	2.7	265
2	An overview of application of silver nanoparticles for biomaterials in dentistry. <i>Materials Science and Engineering C</i> , 2018, 91, 881-898.	7.3	242
3	Bacterial cellulose/acrylic acid hydrogel synthesized via electron beam irradiation: Accelerated burn wound healing in an animal model. <i>Carbohydrate Polymers</i> , 2014, 114, 312-320.	10.2	149
4	Nanotechnology based approaches for anti-diabetic drugs delivery. <i>Diabetes Research and Clinical Practice</i> , 2018, 136, 52-77.	2.8	136
5	Dendrimer-entrapped gold nanoparticles as promising nanocarriers for anticancer therapeutics and imaging. <i>Progress in Materials Science</i> , 2019, 103, 484-508.	32.8	126
6	Transferrin receptors-targeting nanocarriers for efficient targeted delivery and transcytosis of drugs into the brain tumors: a review of recent advancements and emerging trends. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1545-1563.	5.8	123
7	Recent Update on Nanoemulgel as Topical Drug Delivery System. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1736-1751.	3.3	118
8	Carbon nanotube scaffolds as emerging nanoplatform for myocardial tissue regeneration: A review of recent developments and therapeutic implications. <i>Biomedicine and Pharmacotherapy</i> , 2018, 104, 496-508.	5.6	112
9	Silver nanoparticles: Advanced and promising technology in diabetic wound therapy. <i>Materials Science and Engineering C</i> , 2020, 112, 110925.	7.3	105
10	Recent advances in TPGS-based nanoparticles of docetaxel for improved chemotherapy. <i>International Journal of Pharmaceutics</i> , 2017, 529, 506-522.	5.2	95
11	Advancement on Sustained Antiviral Ocular Drug Delivery for Herpes Simplex Virus Keratitis: Recent Update on Potential Investigation. <i>Pharmaceutics</i> , 2021, 13, 1.	4.5	95
12	Bacterial Cellulose/Acrylamide pH-Sensitive Smart Hydrogel: Development, Characterization, and Toxicity Studies in ICR Mice Model. <i>Molecular Pharmaceutics</i> , 2014, 11, 3596-3608.	4.6	90
13	Paclitaxel loaded vitamin E-TPGS nanoparticles for cancer therapy. <i>Materials Science and Engineering C</i> , 2018, 91, 868-880.	7.3	82
14	Hyaluronic acid-modified betamethasone encapsulated polymeric nanoparticles: fabrication, characterisation, in vitro release kinetics, and dermal targeting. <i>Drug Delivery and Translational Research</i> , 2019, 9, 520-533.	5.8	78
15	Strategizing biodegradable polymeric nanoparticles to cross the biological barriers for cancer targeting. <i>International Journal of Pharmaceutics</i> , 2019, 565, 509-522.	5.2	75
16	Rising horizon in circumventing multidrug resistance in chemotherapy with nanotechnology. <i>Materials Science and Engineering C</i> , 2019, 101, 596-613.	7.3	71
17	3D printing for oral drug delivery: a new tool to customize drug delivery. <i>Drug Delivery and Translational Research</i> , 2020, 10, 986-1001.	5.8	69
18	Rapid Synthesis of Superabsorbent Smart-Swelling Bacterial Cellulose/Acrylamide-Based Hydrogels for Drug Delivery. <i>International Journal of Polymer Science</i> , 2013, 2013, 1-10.	2.7	66

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19	Development and Optimization of Naringenin-Loaded Chitosan-Coated Nanoemulsion for Topical Therapy in Wound Healing. <i>Pharmaceutics</i> , 2020, 12, 893.	4.5	66
20	Stimuli-responsive bacterial cellulose-g-poly(acrylic acid-co-acrylamide) hydrogels for oral controlled release drug delivery. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 1340-1349.	2.0	64
21	Safety against nephrotoxicity in paclitaxel treatment: Oral nanocarrier as an effective tool in preclinical evaluation with marked in vivo antitumor activity. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 91, 179-189.	2.7	46
22	Perspectives of Nanoemulsion Strategies in The Improvement of Oral, Parenteral and Transdermal Chemotherapy. <i>Current Pharmaceutical Biotechnology</i> , 2018, 19, 276-292.	1.6	46
23	Formulation development and evaluation of rotigotine mucoadhesive nanoemulsion for intranasal delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101301.	3.0	42
24	Microwaved bacterial cellulose-based hydrogel microparticles for the healing of partial thickness burn wounds. <i>Drug Delivery and Translational Research</i> , 2017, 7, 89-99.	5.8	40
25	Synthesis of a novel acrylated abietic acid-g-bacterial cellulose hydrogel by gamma irradiation. <i>Carbohydrate Polymers</i> , 2014, 110, 505-512.	10.2	39
26	Advanced drug delivery systems containing herbal components for wound healing. <i>International Journal of Pharmaceutics</i> , 2022, 617, 121617.	5.2	38
27	Nanomedicines as emerging platform for simultaneous delivery of cancer therapeutics: new developments in overcoming drug resistance and optimizing anticancer efficacy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1015-1024.	2.8	36
28	Recent advances in the role of supramolecular hydrogels in drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 1149-1161.	5.0	35
29	Nanoencapsulation of betamethasone valerate using high pressure homogenization“solvent evaporation technique: optimization of formulation and process parameters for efficient dermal targeting. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 323-332.	2.0	35
30	Advanced nanoscale carrier-based approaches to overcome biopharmaceutical issues associated with anticancer drug “Etoposide“™. <i>Materials Science and Engineering C</i> , 2020, 106, 110275.	7.3	35
31	Potential of Stimuli-Responsive In Situ Gel System for Sustained Ocular Drug Delivery: Recent Progress and Contemporary Research. <i>Polymers</i> , 2021, 13, 1340.	4.5	35
32	Promising Drug Delivery Approaches to Treat Microbial Infections in the Vagina: A Recent Update. <i>Polymers</i> , 2021, 13, 26.	4.5	34
33	Molecular and Biochemical Pathways of Catalpol in Alleviating Diabetes Mellitus and Its Complications. <i>Biomolecules</i> , 2021, 11, 323.	4.0	33
34	Type-3c Diabetes Mellitus, Diabetes of Exocrine Pancreas - An Update. <i>Current Diabetes Reviews</i> , 2019, 15, 382-394.	1.3	31
35	A systematic review of the protective role of swertiamarin in cardiac and metabolic diseases. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1051-1060.	5.6	29
36	Hyaluronic acid functionalized nanoparticles for simultaneous delivery of curcumin and resveratrol for management of chronic diabetic wounds: Fabrication, characterization, stability and in vitro release kinetics. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101747.	3.0	29

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37	Development and optimization of chitosan coated nanoemulgel of telmisartan for intranasal delivery: A comparative study. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 62, 102341.	3.0	28
38	Novel Approaches for the Treatment of Pulmonary Tuberculosis. <i>Pharmaceutics</i> , 2020, 12, 1196.	4.5	26
39	Nanoemulsions as Effective Carriers for the Treatment of Lung Cancer. , 2019, , 217-247.		24
40	Budesonide-Loaded Pectin/Polyacrylamide Hydrogel for Sustained Delivery: Fabrication, Characterization and In Vitro Release Kinetics. <i>Molecules</i> , 2021, 26, 2704.	3.8	24
41	Tocotrienols-rich naringenin nanoemulgel for the management of diabetic wound: Fabrication, characterization and comparative in vitro evaluations. <i>Current Research in Pharmacology and Drug Discovery</i> , 2021, 2, 100019.	3.6	22
42	Molecular and Immunological Mechanisms Underlying the Various Pharmacological Properties of the Potent Bioflavonoid, Rutin. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 1590-1596.	1.2	22
43	Nose to Brain Delivery of Nanocarriers Towards Attenuation of Demented Condition. <i>Current Pharmaceutical Design</i> , 2020, 26, 2233-2246.	1.9	20
44	Dendrimer-Based Nanocarriers in Lung Cancer Therapy. , 2019, , 161-192.		19
45	Development and In Vitro Evaluation of a Zerumbone Loaded Nanosuspension Drug Delivery System. <i>Crystals</i> , 2018, 8, 286.	2.2	17
46	Drug-Excipient Interaction and Incompatibilities. , 2018, , 363-402.		17
47	Adenosine Receptors in Modulation of Central Nervous System Disorders. <i>Current Pharmaceutical Design</i> , 2019, 25, 2808-2827.	1.9	17
48	Multivesicular Liposome: A Lipid-based Drug Delivery System for Efficient Drug Delivery. <i>Current Pharmaceutical Design</i> , 2021, 27, 4404-4415.	1.9	15
49	Site-Specific Vesicular Drug Delivery System for Skin Cancer: A Novel Approach for Targeting. <i>Gels</i> , 2021, 7, 218.	4.5	15
50	Overexpressed Receptors and Proteins in Lung Cancer. , 2019, , 39-75.		14
51	Structure and Characteristics of Bacterial Cellulose-Based Hydrogels Prepared by Cryotropic Gelation and Irradiation Methods. <i>Polymer-Plastics Technology and Engineering</i> , 2013, 52, 1510-1518.	1.9	13
52	Hyaluronic acid functionalization improves dermal targeting of polymeric nanoparticles for management of burn wounds: In vitro, ex vivo and in vivo evaluations. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 112992.	5.6	13
53	Accelerated Preparation of Novel Bacterial Cellulose/Acrylamide-Based Hydrogel by Microwave Irradiation. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2013, 62, 402-405.	3.4	12
54	Folic Acid Conjugated Nanocarriers for Efficient Targetability and Promising Anticancer Efficacy for Treatment of Breast Cancer: A Review of Recent Updates. <i>Current Pharmaceutical Design</i> , 2020, 26, 5365-5379.	1.9	12

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55	Dendrimers as Effective Carriers for the Treatment of Brain Tumor. , 2018, , 267-305.		11
56	Mucoadhesive Nanocarriers as a Promising Strategy to Enhance Intracellular Delivery against Oral Cavity Carcinoma. <i>Pharmaceutics</i> , 2022, 14, 795.	4.5	11
57	Recent Updates on Novel Approaches in Insulin Drug Delivery: A Review of Challenges and Pharmaceutical Implications. <i>Current Drug Targets</i> , 2018, 19, 1782-1800.	2.1	10
58	Development of In-Situ Spray for Local Delivery of Antibacterial Drug for Hidradenitis Suppurativa: Investigation of Alternative Formulation. <i>Polymers</i> , 2021, 13, 2770.	4.5	9
59	Three-Dimensional (3-D) Printing Technology Exploited for the Fabrication of Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2019, 24, 5019-5028.	1.9	9
60	Recent Update on Bacteria as a Delivery Carrier in Cancer Therapy: From Evil to Allies. <i>Pharmaceutical Research</i> , 2022, 39, 1115-1134.	3.5	9
61	A Critical Review on Emerging Trends in Dry Powder Inhaler Formulation for the Treatment of Pulmonary Aspergillosis. <i>Pharmaceutics</i> , 2020, 12, 1161.	4.5	8
62	Nanoparticles Based Intranasal Delivery of Drug to Treat Alzheimer's Disease: A Recent Update. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 648-662.	1.4	8
63	Advances and Challenges in Intranasal Delivery of Antipsychotic Agents Targeting the Central Nervous System. <i>Frontiers in Pharmacology</i> , 2022, 13, 865590.	3.5	8
64	Dendrimer for solubility enhancement. , 2021, , 273-283.		7
65	Mechanistic Description of Natural Herbs in the Treatment of Dementia: A Systematic Review. <i>Current Psychopharmacology</i> , 2019, 7, 149-164.	0.3	7
66	Preparation and characterization of Domperidone- $\beta$ -cyclodextrin complexes prepared by kneading method.. <i>International Journal of Advances in Pharmaceutical Sciences</i> , 2010, 1, 68-74.	1.1	6
67	Interlink Between Insulin Resistance and Neurodegeneration with an Update on Current Therapeutic Approaches. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 174-183.	1.4	6
68	Aloe vera gel: A potent nutraceutical. <i>Journal of Natural Pharmaceuticals</i> , 2011, 2, 36.	0.8	5
69	Current updates on pharmacological roles of glucagon-like peptide 1 in obesity. <i>Panminerva Medica</i> , 2018, 60, 224-225.	0.8	5
70	Cytotoxicity and Acute Gastrointestinal Toxicity of Bacterial Cellulose-Poly (acrylamide-sodium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 0.2 4		4
71	Surface engineering of nanoparticles for imparting multifunctionality. , 2022, , 181-210.		4
72	CNS Neurotoxicity of Bacterial Cellulose-Poly(acrylamide-sodium acrylate) Hydrogel: A Future Therapeutic Carrier. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 377-378.	3.9	3

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73	Polyester, Polyhydroxyalkanoate Nanoparticles as a Promising Tool for Anticancer Therapeutics. , 2019, , 101-121.		3
74	An Insight into the Role of Artificial Intelligence in the Early Diagnosis of Alzheimerâ€™s Disease. CNS and Neurological Disorders - Drug Targets, 2022, 21, 901-912.	1.4	3
75	Hydrogels for pulmonary drug delivery. , 2020, , 441-474.		1
76	Potential of Phytomolecules in Sync with Nanotechnology to Surmount the Limitations of Current Treatment Options in the Management of Osteoarthritis. Mini-Reviews in Medicinal Chemistry, 2022, 22, .	2.4	0