

Manisha Pandey

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

3,277
citations

147726

31
h-index

155592

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. | 1.5 | 265 |
| 2 | An overview of application of silver nanoparticles for biomaterials in dentistry. <i>Materials Science and Engineering C</i> , 2018, 91, 881-898. | 3.8 | 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. | 5.1 | 149 |
| 4 | Nanotechnology based approaches for anti-diabetic drugs delivery. <i>Diabetes Research and Clinical Practice</i> , 2018, 136, 52-77. | 1.1 | 136 |
| 5 | Dendrimer-entrapped gold nanoparticles as promising nanocarriers for anticancer therapeutics and imaging. <i>Progress in Materials Science</i> , 2019, 103, 484-508. | 16.0 | 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. | 3.0 | 123 |
| 7 | Recent Update on Nanoemulgel as Topical Drug Delivery System. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1736-1751. | 1.6 | 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. | 2.5 | 112 |
| 9 | Silver nanoparticles: Advanced and promising technology in diabetic wound therapy. <i>Materials Science and Engineering C</i> , 2020, 112, 110925. | 3.8 | 105 |
| 10 | Recent advances in TPGS-based nanoparticles of docetaxel for improved chemotherapy. <i>International Journal of Pharmaceutics</i> , 2017, 529, 506-522. | 2.6 | 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. | 2.0 | 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. | 2.3 | 90 |
| 13 | Paclitaxel loaded vitamin E-TPGS nanoparticles for cancer therapy. <i>Materials Science and Engineering C</i> , 2018, 91, 868-880. | 3.8 | 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. | 3.0 | 78 |
| 15 | Strategizing biodegradable polymeric nanoparticles to cross the biological barriers for cancer targeting. <i>International Journal of Pharmaceutics</i> , 2019, 565, 509-522. | 2.6 | 75 |
| 16 | Rising horizon in circumventing multidrug resistance in chemotherapy with nanotechnology. <i>Materials Science and Engineering C</i> , 2019, 101, 596-613. | 3.8 | 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. | 3.0 | 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. | 1.2 | 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. | 2.0 | 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. | 0.9 | 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. | 1.3 | 46 |
| 22 | Perspectives of Nanoemulsion Strategies in The Improvement of Oral, Parenteral and Transdermal Chemotherapy. <i>Current Pharmaceutical Biotechnology</i> , 2018, 19, 276-292. | 0.9 | 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. | 1.4 | 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. | 3.0 | 40 |
| 25 | Synthesis of a novel acrylated abietic acid-g-bacterial cellulose hydrogel by gamma irradiation. <i>Carbohydrate Polymers</i> , 2014, 110, 505-512. | 5.1 | 39 |
| 26 | Advanced drug delivery systems containing herbal components for wound healing. <i>International Journal of Pharmaceutics</i> , 2022, 617, 121617. | 2.6 | 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. | 1.9 | 36 |
| 28 | Recent advances in the role of supramolecular hydrogels in drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 1149-1161. | 2.4 | 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. | 0.9 | 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. | 3.8 | 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. | 2.0 | 35 |
| 32 | Promising Drug Delivery Approaches to Treat Microbial Infections in the Vagina: A Recent Update. <i>Polymers</i> , 2021, 13, 26. | 2.0 | 34 |
| 33 | Molecular and Biochemical Pathways of Catalpol in Alleviating Diabetes Mellitus and Its Complications. <i>Biomolecules</i> , 2021, 11, 323. | 1.8 | 33 |
| 34 | Type-3c Diabetes Mellitus, Diabetes of Exocrine Pancreas - An Update. <i>Current Diabetes Reviews</i> , 2019, 15, 382-394. | 0.6 | 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. | 2.5 | 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. | 1.4 | 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. | 1.4 | 28 |
| 38 | Novel Approaches for the Treatment of Pulmonary Tuberculosis. <i>Pharmaceutics</i> , 2020, 12, 1196. | 2.0 | 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. | 1.7 | 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. | 1.7 | 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. | 0.6 | 22 |
| 43 | Nose to Brain Delivery of Nanocarriers Towards Attenuation of Demented Condition. <i>Current Pharmaceutical Design</i> , 2020, 26, 2233-2246. | 0.9 | 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. | 1.0 | 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. | 0.9 | 17 |
| 48 | Multivesicular Liposome: A Lipid-based Drug Delivery System for Efficient Drug Delivery. <i>Current Pharmaceutical Design</i> , 2021, 27, 4404-4415. | 0.9 | 15 |
| 49 | Site-Specific Vesicular Drug Delivery System for Skin Cancer: A Novel Approach for Targeting. <i>Gels</i> , 2021, 7, 218. | 2.1 | 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. | 2.5 | 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. | 1.8 | 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. | 0.9 | 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. | 2.0 | 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. | 1.0 | 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. | 2.0 | 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. | 0.9 | 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. | 1.7 | 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. | 2.0 | 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. | 0.8 | 8 |
| 63 | Advances and Challenges in Intranasal Delivery of Antipsychotic Agents Targeting the Central Nervous System. <i>Frontiers in Pharmacology</i> , 2022, 13, 865590. | 1.6 | 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. | 0.1 | 7 |
| 66 | Preparation and characterization of Domperidone- β -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. | 0.8 | 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. | 0.2 | 5 |
| 70 | Cytotoxicity and Acute Gastrointestinal Toxicity of Bacterial Cellulose-Poly (acrylamide-sodium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 | 0.1 | 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. | 1.9 | 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. | 0.8 | 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, . | 1.1 | 0 |