

Pankaj Singh

List of Publications by Year in descending order

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38
papers

822
citations

471061

17
h-index

525886

27
g-index

38
all docs

38
docs citations

38
times ranked

1095
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanotechnological Advances for Nose to Brain Delivery of Therapeutics to Improve the Parkinson Therapy. <i>Current Neuropharmacology</i> , 2023, 21, 493-516.	1.4	15
2	Amorphous systems for delivery of nutraceuticals: challenges opportunities. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 1204-1221.	5.4	10
3	A molecular insight of inflammatory cascades in rheumatoid arthritis and anti-arthritic potential of phytoconstituents. <i>Molecular Biology Reports</i> , 2022, 49, 2375-2391.	1.0	5
4	Strategy to counteract the pyrazinamide induced hepatotoxicity by developing naringin based Co-amorphous system with supplementary benefits. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 69, 103181.	1.4	4
5	Development of asolectin-based liposomal formulation for controlled and targeted delivery of erlotinib as a model drug for EGFR monotherapy. <i>Journal of Liposome Research</i> , 2022, , 1-10.	1.5	1
6	Acute and Subacute Toxicity Assessment of Andrographolide-2-hydroxypropyl- β -cyclodextrin Complex via Oral and Inhalation Route of Administration in Sprague-Dawley Rats. <i>Scientific World Journal</i> , The, 2022, 2022, 1-9.	0.8	5
7	Fundamental Aspects of Lipid-Based Excipients in Lipid-Based Product Development. <i>Pharmaceutics</i> , 2022, 14, 831.	2.0	22
8	Luliconazole Topical Dermal Drug Delivery for Superficial Fungal Infections: Penetration Hurdles and Role of Functional Nanomaterials. <i>Current Pharmaceutical Design</i> , 2022, 28, 1611-1620.	0.9	2
9	An Update on Sophisticated and Advanced Analytical Tools for Surface Characterization of Nanoparticles. <i>Surfaces and Interfaces</i> , 2022, 33, 102165.	1.5	8
10	Targeting eosinophils in respiratory diseases: Biological axis, emerging therapeutics and treatment modalities. <i>Life Sciences</i> , 2021, 267, 118973.	2.0	16
11	An updated review on exosomes: biosynthesis to clinical applications. <i>Journal of Drug Targeting</i> , 2021, 29, 925-940.	2.1	20
12	Lipid based nanocarriers: A novel paradigm for topical antifungal therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 62, 102397.	1.4	19
13	Underscoring the immense potential of chitosan in fighting a wide spectrum of viruses: A plausible molecule against SARS-CoV-2?. <i>International Journal of Biological Macromolecules</i> , 2021, 179, 33-44.	3.6	31
14	Solid self emulsifying drug delivery system: Superior mode for oral delivery of hydrophobic cargos. <i>Journal of Controlled Release</i> , 2021, 337, 646-660.	4.8	47
15	Budding Multi-matrix Technologyâ€™a Retrospective Approach, Deep Insights, and Future Perspectives. <i>AAPS PharmSciTech</i> , 2021, 22, 264.	1.5	3
16	Quality by Design-Based Crystallization of Curcumin Using Liquid Antisolvent Precipitation: Micromeritic, Biopharmaceutical, and Stability Aspects. <i>Assay and Drug Development Technologies</i> , 2020, 18, 11-33.	0.6	16
17	Development of modified apple polysaccharide capped silver nanoparticles loaded with mesalamine for effective treatment of ulcerative colitis. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101980.	1.4	9
18	Gold nanoparticles: New routes across old boundaries. <i>Advances in Colloid and Interface Science</i> , 2019, 274, 102037.	7.0	72

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19	Pyranocarbazole derivatives as potent anti-cancer agents triggering tubulin polymerization stabilization induced activation of caspase-dependent apoptosis and downregulation of Akt/mTOR in breast cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2019, 167, 226-244.	2.6	24
20	Improved chemotherapy against breast cancer through immunotherapeutic activity of fucoidan decorated electrostatically assembled nanoparticles bearing doxorubicin. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 1100-1114.	3.6	51
21	Quality by Design-based Optimization of Formulation and Process Variables for Controlling Particle Size and Zeta Potential of Spray Dried Incinerated Copper Nanosuspension. <i>Recent Innovations in Chemical Engineering</i> , 2019, 12, 248-260.	0.2	2
22	Arginine-Î±, Î²-dehydrophenylalanine Dipeptide Nanoparticles for pH-Responsive Drug Delivery. <i>Pharmaceutical Research</i> , 2018, 35, 35.	1.7	16
23	Fabrication of 3-O-sn-Phosphatidyl-L-serine Anchored PLGA Nanoparticle Bearing Amphotericin B for Macrophage Targeting. <i>Pharmaceutical Research</i> , 2018, 35, 60.	1.7	19
24	1, 3Î²-Glucan anchored, paclitaxel loaded chitosan nanocarrier endows enhanced hemocompatibility with efficient anti-glioblastoma stem cells therapy. <i>Carbohydrate Polymers</i> , 2018, 180, 365-375.	5.1	44
25	Design and development of PEGylated liposomal formulation of HER2 blocker Lapatinib for enhanced anticancer activity and diminished cardiotoxicity. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 677-683.	1.0	7
26	Nanosized complexation assemblies housed inside reverse micelles churn out monocytic delivery cores for bendamustine hydrochloride. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 113, 198-210.	2.0	14
27	Enhanced apoptosis, survivin down-regulation and assisted immunochemotherapy by curcumin loaded amphiphilic mixed micelles for subjugating endometrial cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1953-1963.	1.7	19
28	Doxorubicin Hydrochloride Loaded Zymosan-Polyethylenimine Biopolymeric Nanoparticles for Dual "Chemoimmunotherapeutic" Intervention in Breast Cancer. <i>Pharmaceutical Research</i> , 2017, 34, 1857-1871.	1.7	13
29	Chitosan coated PluronicF127 micelles for effective delivery of Amphotericin B in experimental visceral leishmaniasis. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 1220-1231.	3.6	59
30	Novel Validated RP-HPLC Method for Bendamustine Hydrochloride Based on Ion-pair Chromatography: Application in Determining Infusion Stability and Pharmacokinetics. <i>Journal of Chromatographic Science</i> , 2017, 55, 30-39.	0.7	8
31	Bioinspired Calcium Phosphate Nanoparticles Featuring as Efficient Carrier and Prompter for Macrophage Intervention in Experimental Leishmaniasis. <i>Pharmaceutical Research</i> , 2016, 33, 2617-2629.	1.7	23
32	Synergistic Chemotherapeutic Activity of Curcumin Bearing Methoxypolyethylene Glycol-g-Linoleic Acid Based Micelles on Breast Cancer Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 4180-4190.	0.9	16
33	Macrophage-targeted chitosan anchored PLGA nanoparticles bearing doxorubicin and amphotericin B against visceral leishmaniasis. <i>RSC Advances</i> , 2016, 6, 71705-71718.	1.7	39
34	Rutin phospholipid complexes confer neuro-protection in ischemic-stroke rats. <i>RSC Advances</i> , 2016, 6, 96445-96454.	1.7	22
35	Bridging small interfering RNA with giant therapeutic outcomes using nanometric liposomes. <i>Journal of Controlled Release</i> , 2015, 220, 368-387.	4.8	32
36	Pluronic F-127 Stabilised Docetaxel Nanocrystals Improve Apoptosis by Mitochondrial Depolarization in Breast Cancer Cells: Pharmacokinetics and Toxicity Assessment. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1747-1763.	0.5	24

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37	Immunotherapeutic vitamin E nanoemulsion synergies the antiproliferative activity of paclitaxel in breast cancer cells via modulating Th1 and Th2 immune response. <i>Journal of Controlled Release</i> , 2014, 196, 295-306.	4.8	67
38	Design and Development of Amphotericin B Bearing Polycaprolactone Microparticles for Macrophage Targeting. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 50-51.	0.5	18