

Rahul Shukla

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

1,542
citations

318942

23
h-index

425179

34
g-index

99
all docs

99
docs citations

99
times ranked

1589
citing authors

#	ARTICLE	IF	CITATIONS
1	Epidemiology, virology and clinical aspects of hantavirus infections: an overview. International Journal of Environmental Health Research, 2022, 32, 1815-1826.	1.3	19
2	Chitosan for delivery of biomolecules. , 2022, , 433-460.		1
3	Chitosan as a biomaterial for implantable drug delivery. , 2022, , 133-158.		0
4	Nanotechnology-mediated combinational drug delivery approach for cancer therapy. , 2022, , 297-327.		2
5	Stimuli-Responsive Microneedles as a Transdermal Drug Delivery System: A Demand-Supply Strategy. Biomacromolecules, 2022, 23, 1519-1544.	2.6	36
6	Recent advances in nanotechnology based combination drug therapy for skin cancer. Journal of Biomaterials Science, Polymer Edition, 2022, 33, 1435-1468.	1.9	15
7	Recent highlights on Omicron as a new SARS-COVID-19 variant: evolution, genetic mutation, and future perspectives. Journal of Drug Targeting, 2022, , 1-11.	2.1	5
8	Formulation development of tocopherol polyethylene glycol nanoengineered polyamidoamine dendrimer for neuroprotection and treatment of Alzheimer disease. Journal of Drug Targeting, 2022, 30, 777-791.	2.1	13
9	Box-Behnken design optimized silibinin loaded glycerylmonooleate nanoliquid crystal for brain targeting. Chemistry and Physics of Lipids, 2022, 244, 105193.	1.5	7
10	Recent trends of natural based therapeutics for mitochondria targeting in Alzheimer's disease. Mitochondrion, 2022, 64, 112-124.	1.6	7
11	Graphene quantum dots: Synthesis, optical properties and navigational applications against cancer. Materials Today Communications, 2022, 31, 103359.	0.9	15
12	Stimuli-responsive Polymeric Nanosystems for Therapeutic Applications. Current Pharmaceutical Design, 2022, 28, 910-921.	0.9	9
13	Drug repurposing strategies and key challenges for COVID-19 management. Journal of Drug Targeting, 2022, 30, 413-429.	2.1	13
14	Nano Drug Delivery Approaches for Lymphatic Filariasis Therapeutics. , 2022, , 263-279.		1
15	Biocompatible Nanomaterials for Burns. Current Pharmaceutical Biotechnology, 2022, 23, 1514-1526.	0.9	4
16	Silymarin-Encapsulated Xanthan Gum-“Stabilized Selenium Nanocarriers for Enhanced Activity Against Amyloid Fibril Cytotoxicity. AAPS PharmSciTech, 2022, 23, 125.	1.5	3
17	Rosemary oil low energy nanoemulsion: optimization, Rheology, <i>in silico</i> , <i>in vitro</i> , and <i>ex vivo</i> characterization. Journal of Biomaterials Science, Polymer Edition, 2022, 33, 1901-1923.	1.9	7
18	Nanocrystals: An Approachable Delivery System for Anticancer Therapeutics. Current Drug Metabolism, 2022, 23, 603-615.	0.7	8

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19	Recent advances in multifunctional dendrimer-based nanoprobes for breast cancer theranostics. Journal of Biomaterials Science, Polymer Edition, 2022, 33, 2433-2471.	1.9	12
20	Recent Advances in Nanocrystals Herald Greater Potential in Brain Delivery. Particle and Particle Systems Characterization, 2022, 39, .	1.2	6
21	RETINOID NANOPARTICULATES: APPROACHABLE GATEWAY FOR ACNE TREATMENT. Health Sciences Review, 2022, , 100042.	0.6	2
22	Nanomedicine in pain management. , 2021, , 355-382.		3
23	Electrospun nanofibers for wound healing. , 2021, , 289-318.		3
24	Quality by Design approach for systematic development of nanoformulations. , 2021, , 353-364.		1
25	Nanotechnological advances in direct nose-to-brain drug delivery for neurodegenerative disorders and other neuroailments. , 2021, , 73-91.		1
26	Immunochemo combination therapy in cancer treatment. , 2021, , 255-273.		0
27	3D Printing in Development of Nanomedicines. Nanomaterials, 2021, 11, 420.	1.9	35
28	Box-Behnken Design Optimized TPGS Coated Bovine Serum Albumin Nanoparticles Loaded with Anastrozole. Current Drug Delivery, 2021, 18, 1148-1159.	0.8	7
29	Investigations of process parameters during dissolution studies of drug loaded 3D printed tablets. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2021, 235, 523-529.	1.0	16
30	Therapeutic potential of nanoemulsions as feasible wagons for targeting Alzheimer's disease. Drug Discovery Today, 2021, 26, 2881-2888.	3.2	29
31	Nanotechnological approaches for targeting amyloid- β aggregation with potential for neurodegenerative disease therapy and diagnosis. Drug Discovery Today, 2021, 26, 1972-1979.	3.2	21
32	Mobility of doxorubicin in TPGS micelles in response to sodium taurodeoxycholate incorporation: Analyses based on scattering and fluorescence studies. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 622, 126693.	2.3	4
33	PAMAM dendrimer as a talented multifunctional biomimetic nanocarrier for cancer diagnosis and therapy. Colloids and Surfaces B: Biointerfaces, 2021, 204, 111837.	2.5	85
34	Safety and Regulatory Aspects of Active Packed Food Products. , 2021, , 179-200.		0
35	Viral vectors as a promising nanotherapeutic approach against neurodegenerative disorders. Process Biochemistry, 2021, 109, 130-142.	1.8	8
36	Investigations on the role of edge activator upon structural transitions in Span vesicles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 627, 127246.	2.3	9

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37	Quantum dot: Heraldng a brighter future in neurodegenerative disorders. Journal of Drug Delivery Science and Technology, 2021, 65, 102700.	1.4	12
38	Nanocarrier mediated autophagy: An emerging trend for cancer therapy. Process Biochemistry, 2021, 109, 198-206.	1.8	23
39	Nanotherapeutics approaches for targeting alpha synuclien protein in the management of Parkinson disease. Process Biochemistry, 2021, 110, 181-194.	1.8	8
40	Potential of nanoparticulate based delivery systems for effective management of alopecia. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112050.	2.5	26
41	Clinical translation status of nanoformulations. , 2021, , 303-338.		5
42	Nanodiamonds: A Versatile Drug-Delivery System in the Recent Therapeutics Scenario. Critical Reviews in Therapeutic Drug Carrier Systems, 2021, 38, 39-78.	1.2	2
43	Interactions of Environmental Risk Factors and Genetic Variations: Association with Susceptibility to Cancer. , 2021, , 211-234.		3
44	Optimization of Surfactant- and Cosurfactant-Aided Pine Oil Nanoemulsions by Isothermal Low-Energy Methods for Anticholinesterase Activity. ACS Omega, 2021, 6, 559-568.	1.6	36
45	Recent advances in lipid-engineered multifunctional nanophytomedicines for cancer targeting. Journal of Controlled Release, 2021, 340, 48-59.	4.8	19
46	Role of Probiotics in Rheumatoid Arthritis. , 2021, , 273-294.		0
47	Formulation and optimization of silymarin-encapsulated binary micelles for enhanced amyloid disaggregation activity. Drug Development and Industrial Pharmacy, 2021, 47, 1775-1785.	0.9	4
48	Immune checkpoint inhibitors: a promising anticancer therapy. Drug Discovery Today, 2020, 25, 223-229.	3.2	110
49	Formulation and evaluation of gastro-retentive floating bilayer tablet for the treatment of hypertension. Heliyon, 2020, 6, e05459.	1.4	23
50	Autophagy-Inducing Inhalable Co-crystal Formulation of Niclosamide-Nicotinamide for Lung Cancer Therapy. AAPS PharmSciTech, 2020, 21, 260.	1.5	31
51	Insulin mediated novel therapies for the treatment of Alzheimer's disease. Life Sciences, 2020, 249, 117540.	2.0	41
52	Dendrimer-based drug delivery systems for tuberculosis treatment. , 2020, , 163-174.		6
53	Silymarin encapsulated nanoliquid crystals for improved activity against beta amyloid induced cytotoxicity. International Journal of Biological Macromolecules, 2020, 149, 1198-1206.	3.6	40
54	Nanophytomedicine Market: Global Opportunity Analysis and Industry Forecast. , 2020, , 19-31.		3

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55	Introduction to Pharmaceutical Product Development. , 2020, , 1-32.		9
56	Recent Advances in Self-Assembled Nanoparticles for Drug Delivery. Current Drug Delivery, 2020, 17, 279-291.	0.8	29
57	Role of Flavonoids in Neurodegenerative Diseases: Limitations and Future Perspectives. Current Topics in Medicinal Chemistry, 2020, 20, 1169-1194.	1.0	47
58	Azacitidine Loaded PLGA Nanoparticles and their Dual Release Mechanism. Current Nanomedicine, 2020, 10, 280-289.	0.2	6
59	Recent Advances in the Development of Nanopharmaceutical Products. , 2020, , 273-307.		0
60	Emergence of Nanophytomedicine in Health Care Setting. , 2020, , 33-53.		2
61	Role of Novel Drug Delivery Vehicles in Nanobiomedicine. , 2020, , .		2
62	Key Signaling Pathways Engaged in Cancer Management: Current Update. Current Cancer Therapy Reviews, 2020, 16, 36-48.	0.2	2
63	Retention of Antioxidants by Using Novel Membrane Processing Technique. , 2020, , 211-228.		0
64	Dendrimer-Based Nanoparticulate Delivery System for Cancer Therapy. , 2019, , 233-255.		13
65	Conclusion and Future Prospective of Polymeric Nanoparticles for Cancer Therapy. , 2019, , 389-408.		17
66	Polycaprolactone based nano-carrier for co-administration of moxifloxacin and rutin and its In-vitro evaluation for sepsis. Journal of Drug Delivery Science and Technology, 2019, 54, 101286.	1.4	25
67	Temperature/pH-Triggered PNIPAM-Based Smart Nanogel System Loaded With Anastrozole Delivery for Application in Cancer Chemotherapy. AAPS PharmSciTech, 2019, 20, 213.	1.5	27
68	Dendrimer-Based Nanocarriers in Lung Cancer Therapy. , 2019, , 161-192.		19
69	Nanocrystals: An Overview of Fabrication, Characterization and Therapeutic Applications in Drug Delivery. Current Pharmaceutical Design, 2019, 24, 5129-5146.	0.9	60
70	Drug Delivery and Targeting to the Brain Through Nasal Route: Mechanisms, Applications and Challenges. Current Drug Delivery, 2019, 16, 887-901.	0.8	55
71	Fabrication of Donepezil Encumbered Mannose Assisted Polycyanoacrylate Nanocarriers. Special Publication - Royal Society of Chemistry, 2019, , 219-223.	0.0	0
72	Human Microbiome and Malignancy: Principles, Mechanisms, and Challenges. , 2019, , 317-335.		0

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73	Flavors and Fragrances. , 2019, , 141-165.		2
74	History of Flavors Associated with Functional Foods and Nutraceuticals. , 2019, , 1-19.		0
75	Natural Flavors in Functional Food Supplements. , 2019, , 117-139.		0
76	Anisamide-Anchored Lyotropic Nano-Liquid Crystalline Particles with AIE Effect: A Smart Optical Beacon for Tumor Imaging and Therapy. ACS Applied Materials & Interfaces, 2018, 10, 12960-12974.	4.0	43
77	Caffeic acid phenethyl ester (CAPE) reverses fibrosis caused by chronic colon inflammation in murine model of colitis. Pathology Research and Practice, 2018, 214, 1909-1911.	1.0	17
78	Chitosan-Based Nanocarriers. , 2018, , 265-276.		2
79	P-gp modulatory acetyl-11-keto- β -boswellic acid based nanoemulsified carrier system for augmented oral chemotherapy of docetaxel. Colloids and Surfaces B: Biointerfaces, 2017, 155, 276-286.	2.5	22
80	Quality by Design (QbD)-enabled development of aceclofenac loaded-nano structured lipid carriers (NLCs): An improved dermatokinetic profile for inflammatory disorder(s). International Journal of Pharmaceutics, 2017, 517, 413-431.	2.6	97
81	Hyaluronic acid anchored paclitaxel nanocrystals improves chemotherapeutic efficacy and inhibits lung metastasis in tumor-bearing rat model. RSC Advances, 2016, 6, 73083-73095.	1.7	28
82	Vitamin B6 Tethered Endosomal pH Responsive Lipid Nanoparticles for Triggered Intracellular Release of Doxorubicin. ACS Applied Materials & Interfaces, 2016, 8, 30407-30421.	4.0	47
83	Development of docetaxel nanocapsules for improving <i>in vitro</i> cytotoxicity and cellular uptake in MCF-7 cells. Drug Development and Industrial Pharmacy, 2015, 41, 1759-1768.	0.9	21
84	Chitosan coated alginate micro particles for the oral delivery of antifilarial drugs and combinations for intervention in <i>Brugia malayi</i> induced lymphatic filariasis. RSC Advances, 2015, 5, 69047-69056.	1.7	26
85	Preparation and Characterization of Solid Lipid Nanoparticles of Antimalarial Drug Arteether for Oral Administration. Journal of Biomaterials and Tissue Engineering, 2014, 4, 133-137.	0.0	14
86	Formulation and Characterization of Amphotericin B Loaded Nanostructured Lipid Carriers Using Microfluidizer. Journal of Biomaterials and Tissue Engineering, 2014, 4, 194-197.	0.0	13
87	Exploiting 4-sulphate <i>N</i> -acetyl galactosamine decorated gelatin nanoparticles for effective targeting to professional phagocytes <i>in vitro</i> and <i>in vivo</i> . Journal of Drug Targeting, 2012, 20, 883-896.	2.1	23
88	Ciprofloxacin surf-plexes in sub-micron emulsions: A novel approach to improve payload efficiency and antimicrobial efficacy. International Journal of Pharmaceutics, 2011, 409, 237-244.	2.6	25
89	Emerging trend in nano-engineered polyelectrolyte-based surrogate carriers for delivery of bioactives. Expert Opinion on Drug Delivery, 2010, 7, 993-1011.	2.4	26
90	Development of Nevirapine Loaded Novel Surfactant Free Polymeric Emulsion and Investigations for Its Suitability as Drug Delivery Vehicle. Journal of Bionanoscience, 2010, 4, 66-73.	0.4	7

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91	Pharmacogenomics: Overview, Applications, and Recent Developments. , 0, , .		2
92	Lymphatic targeting for therapeutic application using nanoparticulate systems. Journal of Drug Targeting, 0, , 1-17.	2.1	8