

Kamalinder K Singh

List of Publications by Year in descending order

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45
papers

1,463
citations

331670

21
h-index

315739

38
g-index

46
all docs

46
docs citations

46
times ranked

1983
citing authors

#	ARTICLE	IF	CITATIONS
1	Albumin nanoparticlesâ€”A versatile and a safe platform for drug delivery applications. , 2022, , 327-358.		2
2	Levofloxacin loaded clove essential oil nanoscale emulsion as an efficient system against Pseudomonas aeruginosa biofilm. Journal of Drug Delivery Science and Technology, 2022, 68, 103039.	3.0	2
3	Tetrahydrocurcumin Lipid Nanoparticle Based Gel Promotes Penetration into Deeper Skin Layers and Alleviates Atopic Dermatitis in 2,4-Dinitrochlorobenzene (DNCB) Mouse Model. Nanomaterials, 2022, 12, 636.	4.1	15
4	Pharmaceutical strategies for the treatment of bacterial biofilms in chronic wounds. Drug Discovery Today, 2022, 27, 2137-2150.	6.4	16
5	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
6	Chemometrics-assisted development of a validated LC method for simultaneous estimation of temozolomide and Î³-linolenic acid: Greenness assessment and application to lipidic nanoparticles. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1200, 123261.	2.3	1
7	Therapeutic potential of quercetin in diabetic foot ulcer: Mechanistic insight, challenges, nanotechnology driven strategies and future prospects. Journal of Drug Delivery Science and Technology, 2022, 74, 103575.	3.0	6
8	Tailoring functional nanostructured lipid carriers for glioblastoma treatment with enhanced permeability through in-vitro 3D BBB/BBTB models. Materials Science and Engineering C, 2021, 121, 111774.	7.3	24
9	Nebulised surface-active hybrid nanoparticles of voriconazole for pulmonary Aspergillosis demonstrate clathrin-mediated cellular uptake, improved antifungal efficacy and lung retention. Journal of Nanobiotechnology, 2021, 19, 19.	9.1	23
10	Recent advances in lipid-engineered multifunctional nanophytomedicines for cancer targeting. Journal of Controlled Release, 2021, 340, 48-59.	9.9	19
11	Aerosolizable Lipid-Nanovesicles Encapsulating Voriconazole Effectively Permeate Pulmonary Barriers and Target Lung Cells. Frontiers in Pharmacology, 2021, 12, 734913.	3.5	0
12	Nanostructured Lipid Carriers Deliver Resveratrol, Restoring Attenuated Dilation in Small Coronary Arteries, via the AMPK Pathway. Biomedicines, 2021, 9, 1852.	3.2	6
13	In vitro anti-HIV activity of some Indian medicinal plant extracts. BMC Complementary Medicine and Therapies, 2020, 20, 69.	2.7	22
14	An Efficient and Cost-Effective Nose-Only Inhalational Chamber for Rodents: Design, Optimization and Validation. AAPS PharmSciTech, 2020, 21, 82.	3.3	5
15	Engineered Site-specific Vesicular Systems for Colonic Delivery: Trends and Implications. Current Pharmaceutical Design, 2020, 26, 5441-5455.	1.9	2
16	New Paradigms in the Treatment of Skin Infections: Lipid Nanocarriers to the Rescue. , 2020, , 317-339.		1
17	Antipsoriatic potential of Annona squamosa seed oil: An in vitro and in vivo evaluation. Phytomedicine, 2019, 54, 265-277.	5.3	13
18	Inhalational Drug Delivery in Pulmonary Aspergillosis. Critical Reviews in Therapeutic Drug Carrier Systems, 2019, 36, 183-217.	2.2	10

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19	Enhanced anti-psoriatic efficacy and regulation of oxidative stress of a novel topical babchi oil (<i>Psoralea corylifolia</i>) cyclodextrin-based nanogel in a mouse tail model. <i>Journal of Microencapsulation</i> , 2019, 36, 140-155.	2.8	41
20	Development and validation of high-performance liquid chromatographic method for quantification of Irinotecan and its active metabolite SN-38 in colon tumor bearing NOD/SCID mice plasma samples: application to pharmacokinetic study. <i>Acta Chromatographica</i> , 2019, 31, 166-172.	1.3	3
21	Potential of Natural Biomaterials in Nano-scale Drug Delivery. <i>Current Pharmaceutical Design</i> , 2019, 24, 5188-5206.	1.9	12
22	Improving the biopharmaceutical attributes of mangiferin using vitamin E-TPGS co-loaded self-assembled phospholipidic nano-mixed micellar systems. <i>Drug Delivery and Translational Research</i> , 2018, 8, 617-632.	5.8	37
23	Rational design of polysorbate 80 stabilized human serum albumin nanoparticles tailored for high drug loading and entrapment of irinotecan. <i>International Journal of Pharmaceutics</i> , 2018, 536, 82-94.	5.2	33
24	Topical delivery of tetrahydrocurcumin lipid nanoparticles effectively inhibits skin inflammation: <i>in vitro</i> and <i>in vivo</i> study. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1701-1712.	2.0	53
25	Clathrin-mediated endocytic uptake of PUFA enriched self-nanoemulsifying lipidic systems (SNELS) of an anticancer drug against triple negative cancer and DMBA induced preclinical tumor model. <i>Materials Science and Engineering C</i> , 2018, 91, 645-658.	7.3	14
26	Enhancing biopharmaceutical attributes of phospholipid complex-loaded nanostructured lipidic carriers of mangiferin: Systematic development, characterization and evaluation. <i>International Journal of Pharmaceutics</i> , 2017, 518, 289-306.	5.2	66
27	Enhancing biopharmaceutical performance of an anticancer drug by long chain PUFA based self-nanoemulsifying lipidic nanomicellar systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 121, 42-60.	4.3	37
28	Bio-inspired artemether-loaded human serum albumin nanoparticles for effective control of malaria-infected erythrocytes. <i>Nanomedicine</i> , 2016, 11, 2809-2828.	3.3	13
29	Mangiferin: a promising anticancer bioactive. <i>Pharmaceutical Patent Analyst</i> , 2016, 5, 169-181.	1.1	68
30	Formulation and development of orodispersible sustained release tablet of domperidone. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 906-915.	2.0	14
31	Exploring Nanotechnologies for the Effective Therapy of Malaria Using Plant-Based Medicines. <i>Current Pharmaceutical Design</i> , 2016, 22, 4232-4246.	1.9	2
32	A Comprehensive Review on Dry Eye Disease: Diagnosis, Medical Management, Recent Developments, and Future Challenges. <i>Advances in Pharmaceutics</i> , 2015, 2015, 1-12.	0.5	50
33	Development and evaluation of colloidal modified nanolipid carrier: Application to topical delivery of tacrolimus, Part II – <i>In vivo</i> assessment, drug targeting, efficacy, and safety in treatment for atopic dermatitis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 84, 72-83.	4.3	51
34	Advances in brain drug targeting and delivery: limitations and challenges of solid lipid nanoparticles. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 889-905.	5.0	80
35	Nanomedicine in Malaria. , 2012, , 401-434.		4
36	Nevirapine nanosuspensions: stability, plasma compatibility and sterilization. <i>Journal of Pharmaceutical Investigation</i> , 2012, 42, 257-269.	5.3	11

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37	Contraceptive efficacy and safety of HerbOshield [®] vaginal gel in rats. <i>Contraception</i> , 2012, 85, 122-127.	1.5	23
38	Targeting tacrolimus to deeper layers of skin with improved safety for treatment of atopic dermatitis—Part II: In vivo assessment of dermatopharmacokinetics, biodistribution and efficacy. <i>International Journal of Pharmaceutics</i> , 2012, 434, 70-79.	5.2	39
39	Development and evaluation of colloidal modified nanolipid carrier: Application to topical delivery of tacrolimus. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 82-94.	4.3	93
40	Safer Than Safe: Lipid Nanoparticulate Encapsulation of Tacrolimus with Enhanced Targeting and Improved Safety for Atopic Dermatitis. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 40-41.	1.1	11
41	Surface modified nevirapine nanosuspensions for viral reservoir targeting: In vitro and in vivo evaluation. <i>International Journal of Pharmaceutics</i> , 2011, 421, 341-352.	5.2	84
42	In vitro protein adsorption studies on nevirapine nanosuspensions for HIV/AIDS chemotherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 333-340.	3.3	35
43	Targeting tacrolimus to deeper layers of skin with improved safety for treatment of atopic dermatitis. <i>International Journal of Pharmaceutics</i> , 2010, 398, 165-178.	5.2	105
44	Formulation, antimalarial activity and biodistribution of oral lipid nanoemulsion of primaquine. <i>International Journal of Pharmaceutics</i> , 2008, 347, 136-143.	5.2	171
45	Development and evaluation of topical formulation containing solid lipid nanoparticles of vitamin A. <i>AAPS PharmSciTech</i> , 2006, 7, E63-E69.	3.3	146