Kamalinder K Singh

List of Publications by Year
in descending order

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	Formulation, antimalarial activity and biodistribution of oral lipid nanoemulsion of primaquine. International Journal of Pharmaceutics, 2008, 347, 136-143.	5.2	171
2	Development and evaluation of topical formulation containing solid lipid nanoparticles of vitamin A. AAPS PharmSciTech, 2006, 7, E63-E69.	3.3	146
3	Targeting tacrolimus to deeper layers of skin with improved safety for treatment of atopic dermatitis. International Journal of Pharmaceutics, 2010, 398, 165-178.	5.2	105
4	Development and evaluation of colloidal modified nanolipid carrier: Application to topical delivery of tacrolimus. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 79, 82-94.	4.3	93
5	Surface modified nevirapine nanosuspensions for viral reservoir targeting: In vitro and in vivo evaluation. International Journal of Pharmaceutics, 2011, 421, 341-352.	5.2	84
6	Advances in brain drug targeting and delivery: limitations and challenges of solid lipid nanoparticles. Expert Opinion on Drug Delivery, 2013, 10, 889-905.	5.0	80
7	Mangiferin: a promising anticancer bioactive. Pharmaceutical Patent Analyst, 2016, 5, 169-181.	1.1	68
8	Enhancing biopharmaceutical attributes of phospholipid complex-loaded nanostructured lipidic carriers of mangiferin: Systematic development, characterization and evaluation. International Journal of Pharmaceutics, 2017, 518, 289-306.	5.2	66
9	Topical delivery of tetrahydrocurcumin lipid nanoparticles effectively inhibits skin inflammation:in vitroandin vivostudy. Drug Development and Industrial Pharmacy, 2018, 44, 1701-1712.	2.0	53
10	Development and evaluation of colloidal modified nanolipid carrier: Application to topical delivery of tacrolimus, Part II â€“ In vivo assessment, drug targeting, efficacy, and safety in treatment for atopic dermatitis. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 84, 72-83.	4.3	51
11	A Comprehensive Review on Dry Eye Disease: Diagnosis, Medical Management, Recent Developments, and Future Challenges. Advances in Pharmaceutics, 2015, 2015, 1-12.	0.5	50
12	Enhanced anti-psoriatic efficacy and regulation of oxidative stress of a novel topical babchi oil (Psoralea corylifolia) cyclodextrin-based nanogel in a mouse tail model. Journal of Microencapsulation, 2019, 36, 140-155.	2.8	41
13	Targeting tacrolimus to deeper layers of skin with improved safety for treatment of atopic dermatitisâ€”Part II: In vivo assessment of dermatopharmacokinetics, biodistribution and efficacy. International Journal of Pharmaceutics, 2012, 434, 70-79.	5.2	39
14	Enhancing biopharmaceutical performance of an anticancer drug by long chain PUFA based self-nanoemulsifying lipidic nanomicellar systems. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 121, 42-60.	4.3	37
15	Improving the biopharmaceutical attributes of mangiferin using vitamin E-TPGS co-loaded self-assembled phosholipidic nano-mixed micellar systems. Drug Delivery and Translational Research, 2018, 8, 617-632.	5.8	37
16	In vitro protein adsorption studies on nevirapine nanosuspensions for HIV/AIDS chemotherapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 333-340.	3.3	35
17	Rational design of polysorbate 80 stabilized human serum albumin nanoparticles tailored for high drug loading and entrapment of irinotecan. International Journal of Pharmaceutics, 2018, 536, 82-94.	5.2	33
18	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

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19	Contraceptive efficacy and safety of HerbOshieldâ„¢ vaginal gel in rats. Contraception, 2012, 85, 122-127.	1.5	23
20	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
21	In vitro anti-HIV activity of some Indian medicinal plant extracts. BMC Complementary Medicine and Therapies, 2020, 20, 69.	2.7	22
22	Recent advances in lipid-engineered multifunctional nanophytomedicines for cancer targeting. Journal of Controlled Release, 2021, 340, 48-59.	9.9	19
23	Pharmaceutical strategies for the treatment of bacterial biofilms in chronic wounds. Drug Discovery Today, 2022, 27, 2137-2150.	6.4	16
24	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
25	Formulation and development of orodispersible sustained release tablet of domperidone. Drug Development and Industrial Pharmacy, 2016, 42, 906-915.	2.0	14
26	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. Materials Science and Engineering C, 2018, 91, 645-658.	7.3	14
27	Bio-inspired artemether-loaded human serum albumin nanoparticles for effective control of malaria-infected erythrocytes. Nanomedicine, 2016, 11, 2809-2828.	3.3	13
28	Antipsoriatic potential of Annona squamosa seed oil: An in vitro and in vivo evaluation. Phytomedicine, 2019, 54, 265-277.	5.3	13
29	Potential of Natural Biomaterials in Nano-scale Drug Delivery. Current Pharmaceutical Design, 2019, 24, 5188-5206.	1.9	12
30	Safer Than Safe: Lipid Nanoparticulate Encapsulation of Tacrolimus with Enhanced Targeting and Improved Safety for Atopic Dermatitis. Journal of Biomedical Nanotechnology, 2011, 7, 40-41.	1.1	11
31	Nevirapine nanosuspensions: stability, plasma compatibility and sterilization. Journal of Pharmaceutical Investigation, 2012, 42, 257-269.	5.3	11
32	Inhalational Drug Delivery in Pulmonary Aspergillosis. Critical Reviews in Therapeutic Drug Carrier Systems, 2019, 36, 183-217.	2.2	10
33	Nanostructured Lipid Carriers Deliver Resveratrol, Restoring Attenuated Dilation in Small Coronary Arteries, via the AMPK Pathway. Biomedicines, 2021, 9, 1852.	3.2	6
34	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
35	An Efficient and Cost-Effective Nose-Only Inhalational Chamber for Rodents: Design, Optimization and Validation. AAPS PharmSciTech, 2020, 21, 82.	3.3	5
36	Nanomedicine in Malaria. , 2012, , 401-434.		4

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37	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. Acta Chromatographica, 2019, 31, 166-172.	1.3	3
38	Exploring Nanotechnologies for the Effective Therapy of Malaria Using Plant-Based Medicines. Current Pharmaceutical Design, 2016, 22, 4232-4246.	1.9	2
39	Engineered Site-specific Vesicular Systems for Colonic Delivery: Trends and Implications. Current Pharmaceutical Design, 2020, 26, 5441-5455.	1.9	2
40	Albumin nanoparticlesâ€"A versatile and a safe platform for drug delivery applications. , 2022, , 327-358.		2
41	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
42	New Paradigms in the Treatment of Skin Infections: Lipid Nanocarriers to the Rescue. , 2020, , 317-339.		1
43	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
44	Aerosolizable Lipid-Nanovesicles Encapsulating Voriconazole Effectively Permeate Pulmonary Barriers and Target Lung Cells. Frontiers in Pharmacology, 2021, 12, 734913.	3.5	0
45	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