

Hagalavadi Nanjappa Shivakumar

List of Publications by Year in descending order

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50
papers

841
citations

586496

16
h-index

591227

27
g-index

54
all docs

54
docs citations

54
times ranked

1086
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-dermal applications of microneedle drug delivery systems. Drug Delivery and Translational Research, 2022, 12, 67-78.	3.0	19
2	Enhancement of Anticorrosive Performance of Cardanol Based Polyurethane Coatings by Incorporating Magnetic Hydroxyapatite Nanoparticles. Materials, 2022, 15, 2308.	1.3	10
3	Oral raft forming in situ gelling system for site specific delivery of calcium. Journal of Drug Delivery Science and Technology, 2021, 61, 102113.	1.4	6
4	Nicotine loaded dissolving microneedles for nicotine replacement therapy. Journal of Drug Delivery Science and Technology, 2021, 61, 102300.	1.4	6
5	pH and Salt Responsive Hydrogel based on Guar Gum as a Renewable Material for Delivery of Curcumin: A Natural Anti-Cancer Drug. Journal of Polymers and the Environment, 2021, 29, 1978-1989.	2.4	16
6	Formulation and optimization of gastroretentive bilayer tablets of calcium carbonate using D-optimal mixture design. E-Polymers, 2021, 21, 057-071.	1.3	2
7	Iontophoretic Mediated Intraarticular Delivery of Deformable Liposomes of Diclofenac Sodium. Current Drug Delivery, 2021, 18, 421-432.	0.8	3
8	Standardization of topical preparations for finger tip unit – Awareness and attitudes among pharmacists and dermatologists and suggestions to improve standardization of topical drug dosing – A two phase cross sectional survey. Journal of Cosmetic Dermatology, 2021, , .	0.8	0
9	A Rapid Tool to Optimize Process Variables for Continuous Manufacturing of Metronidazole Ointment Using Melt Extrusion Technique. AAPS PharmSciTech, 2020, 21, 273.	1.5	8
10	Nanodelivery Systems Targeting Epidermal Growth Factor Receptors for Glioma Management. Pharmaceutics, 2020, 12, 1198.	2.0	10
11	Rapid and cost effective LC-MS/MS method for determination of hydroxycitric acid in plasma: Application in the determination of pharmacokinetics in commercial Garcinia preparations. Biomedical Chromatography, 2020, 34, e4902.	0.8	5
12	Thermosensitive in situ liposomal gels loaded with antimicrobial agent for oral care in critically ill patients. Therapeutic Delivery, 2020, 11, 231-243.	1.2	4
13	Effect of gamma sterilization on the properties of microneedle array transdermal patch system. Drug Development and Industrial Pharmacy, 2020, 46, 606-620.	0.9	19
14	Topical Pilocarpine Formulation for Diagnosis of Cystic Fibrosis. Journal of Pharmaceutical Sciences, 2020, 109, 1747-1751.	1.6	11
15	Preparation and Characterization of Directly Compressible Spherical Agglomerates of Etoricoxib. Indian Journal of Pharmaceutical Education and Research, 2020, 54, 983-990.	0.3	2
16	Design and development of transdermal drug delivery of nonsteroidal anti-inflammatory drugs: Lornoxicam. Journal of Reports in Pharmaceutical Sciences, 2019, 8, 277.	0.5	3
17	Rapidly Dissolving Microneedle Patches for Transdermal Iron Replenishment Therapy. Journal of Pharmaceutical Sciences, 2018, 107, 1642-1647.	1.6	34
18	Effect of terpenes on transdermal iontophoretic delivery of diclofenac potassium under constant voltage. Pharmaceutical Development and Technology, 2018, 23, 806-814.	1.1	11

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19	PROTOTYPE SELF EMULSIFYING SYSTEM OF ETRAVIRINE: DESIGN, FORMULATION AND IN VITRO EVALUATION. International Journal of Applied Pharmaceutics, 2018, 10, 13.	0.3	1
20	Infrared thermal measurement method to evaluate the skin cooling effect of topical products and the impact of microstructure of creams. Journal of Drug Delivery Science and Technology, 2017, 39, 296-299.	1.4	0
21	Development and evaluation of an oral fast disintegrating anti-allergic film using hot-melt extrusion technology. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 119, 81-90.	2.0	76
22	Trans-ungual Delivery of AR-12, a Novel Antifungal Drug. AAPS PharmSciTech, 2017, 18, 2702-2705.	1.5	17
23	FORMULATION OF FAST-DISSOLVING TABLETS OF DOXAZOSIN MESYLATE DRUG BY DIRECT COMPRESSION METHOD. International Journal of Applied Pharmaceutics, 2017, 9, 22.	0.3	3
24	Formulation and evaluation of gastroretentive-floating multiparticulate system of lisinopril. Indian Journal of Health Sciences and Biomedical Research KLEU, 2017, 10, 50.	0.1	3
25	Iontophoresis for drug delivery into the nail apparatus: exploring hyponychium as the site of delivery. Drug Development and Industrial Pharmacy, 2016, 42, 1678-1682.	0.9	21
26	Transdermal Delivery of Iron Using Soluble Microneedles: Dermal Kinetics and Safety. Journal of Pharmaceutical Sciences, 2016, 105, 1196-1200.	1.6	22
27	Effect of gel properties on transdermal iontophoretic delivery of diclofenac sodium. E-Polymers, 2016, 16, 25-32.	1.3	7
28	Delivery of ziconotide to cerebrospinal fluid via intranasal pathway for the treatment of chronic pain. Journal of Controlled Release, 2016, 224, 69-76.	4.8	29
29	Transdermal iron replenishment therapy. Therapeutic Delivery, 2015, 6, 661-668.	1.2	7
30	Development of taste masked caffeine citrate formulations utilizing hot melt extrusion technology and in vitro/in vivo evaluations. International Journal of Pharmaceutics, 2015, 487, 167-176.	2.6	54
31	Trans-ungual delivery of itraconazole hydrochloride by iontophoresis. Drug Development and Industrial Pharmacy, 2015, 41, 1089-1094.	0.9	17
32	Effect of chemical penetration enhancer on transdermal iontophoretic delivery of diclofenac sodium under constant voltage. Journal of Drug Delivery Science and Technology, 2015, 30, 171-179.	1.4	10
33	Formulation and evaluation of gemcitabine-loaded solid lipid nanoparticles. Drug Delivery, 2015, 22, 647-651.	2.5	28
34	Biophysical techniques for transdermal delivery of iron. Journal of Drug Delivery Science and Technology, 2014, 24, 289-291.	1.4	0
35	Controlled-release injectable containing Terbinafine/PLGA microspheres for Onychomycosis Treatment. Journal of Pharmaceutical Sciences, 2014, 103, 1178-1183.	1.6	15
36	Formulation and evaluation of carnosic acid nanoparticulate system for upregulation of neurotrophins in the brain upon intranasal administration. Journal of Drug Targeting, 2013, 21, 44-53.	2.1	18

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37	Minimally Invasive Transdermal Delivery of Iron-Dextran. Journal of Pharmaceutical Sciences, 2013, 102, 987-993.	1.6	14
38	Ungual and Transungual drug delivery. Drug Development and Industrial Pharmacy, 2012, 38, 901-911.	0.9	70
39	Constant voltage Iron-tophoresis. Pharmaceutical Development and Technology, 2011, 16, 483-488.	1.1	11
40	Bilayered Nail Lacquer of Terbinafine Hydrochloride for Treatment of Onychomycosis. Journal of Pharmaceutical Sciences, 2010, 99, 4267-4276.	1.6	31
41	Albumin microspheres for oral delivery of iron. Journal of Drug Targeting, 2010, 18, 36-44.	2.1	4
42	Development and Validation of a Rapid RP-HPLC Method for the Determination of Venlafaxine Hydrochloride in Pharmaceutical Dosage forms using Experimental Design. E-Journal of Chemistry, 2009, 6, 1091-1102.	0.4	9
43	Formulation, characterization, and evaluation of matrix-type transdermal patches of a model antihypertensive drug. Asian Journal of Pharmaceutics (discontinued), 2009, 3, 59.	0.4	10
44	Design and optimization of diclofenac sodium controlled release solid dispersions by response surface methodology. Indian Journal of Pharmaceutical Sciences, 2008, 70, 22.	1.0	41
45	Formulation optimization of propranolol hydrochloride microcapsules employing central composite design. Indian Journal of Pharmaceutical Sciences, 2008, 70, 408.	1.0	5
46	Design and statistical optimization of glipizide loaded lipospheres using response surface methodology. Acta Pharmaceutica, 2007, 57, 269-85.	0.9	33
47	Iontophoretic permselective property of human nail. Journal of Dermatological Science, 2007, 46, 150-152.	1.0	53
48	Design and evaluation of pH sensitive minitablets for chronotherapeutic delivery of theophylline. Indian Journal of Pharmaceutical Sciences, 2007, 69, 73.	1.0	8
49	Design and evaluation of controlled onset extended release multiparticulate systems for chronotherapeutic delivery of ketoprofen. Indian Journal of Pharmaceutical Sciences, 2006, 68, 76.	1.0	8
50	Design and evaluation of pH sensitive multi-particulate systems for chronotherapeutic delivery of Diltiazem hydrochloride. Indian Journal of Pharmaceutical Sciences, 2006, 68, 781.	1.0	20