

# Hagalavadi Nanjappa Shivakumar

## List of Publications by Year in descending order

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50  
papers

841  
citations

516710

16  
h-index

526287

27  
g-index

54  
all docs

54  
docs citations

54  
times ranked

989  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and evaluation of an oral fast disintegrating anti-allergic film using hot-melt extrusion technology. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 119, 81-90.	4.3	76
2	Ungual and Transungual drug delivery. <i>Drug Development and Industrial Pharmacy</i> , 2012, 38, 901-911.	2.0	70
3	Development of taste masked caffeine citrate formulations utilizing hot melt extrusion technology and in vitro/in vivo evaluations. <i>International Journal of Pharmaceutics</i> , 2015, 487, 167-176.	5.2	54
4	Iontophoretic permselective property of human nail. <i>Journal of Dermatological Science</i> , 2007, 46, 150-152.	1.9	53
5	Design and optimization of diclofenac sodium controlled release solid dispersions by response surface methodology. <i>Indian Journal of Pharmaceutical Sciences</i> , 2008, 70, 22.	1.0	41
6	Rapidly Dissolving Microneedle Patches for Transdermal Iron Replenishment Therapy. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 1642-1647.	3.3	34
7	Design and statistical optimization of glipizide loaded lipospheres using response surface methodology. <i>Acta Pharmaceutica</i> , 2007, 57, 269-85.	2.0	33
8	Bilayered Nail Lacquer of Terbinafine Hydrochloride for Treatment of Onychomycosis. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 4267-4276.	3.3	31
9	Delivery of ziconotide to cerebrospinal fluid via intranasal pathway for the treatment of chronic pain. <i>Journal of Controlled Release</i> , 2016, 224, 69-76.	9.9	29
10	Formulation and evaluation of gemcitabine-loaded solid lipid nanoparticles. <i>Drug Delivery</i> , 2015, 22, 647-651.	5.7	28
11	Transdermal Delivery of Iron Using Soluble Microneedles: Dermal Kinetics and Safety. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 1196-1200.	3.3	22
12	Iontophoresis for drug delivery into the nail apparatus: exploring hyponychium as the site of delivery. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 1678-1682.	2.0	21
13	Design and evaluation of pH sensitive multi-particulate systems for chronotherapeutic delivery of Diltiazem hydrochloride. <i>Indian Journal of Pharmaceutical Sciences</i> , 2006, 68, 781.	1.0	20
14	Effect of gamma sterilization on the properties of microneedle array transdermal patch system. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 606-620.	2.0	19
15	Non-dermal applications of microneedle drug delivery systems. <i>Drug Delivery and Translational Research</i> , 2022, 12, 67-78.	5.8	19
16	Formulation and evaluation of carnosic acid nanoparticulate system for upregulation of neurotrophins in the brain upon intranasal administration. <i>Journal of Drug Targeting</i> , 2013, 21, 44-53.	4.4	18
17	Trans-ungual delivery of itraconazole hydrochloride by iontophoresis. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 1089-1094.	2.0	17
18	Trans-ungual Delivery of AR-12, a Novel Antifungal Drug. <i>AAPS PharmSciTech</i> , 2017, 18, 2702-2705.	3.3	17

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19	pH and Salt Responsive Hydrogel based on Guar Gum as a Renewable Material for Delivery of Curcumin: A Natural Anti-Cancer Drug. <i>Journal of Polymers and the Environment</i> , 2021, 29, 1978-1989.	5.0	16
20	Controlled-release injectable containing Terbinafine/PLGA microspheres for Onychomycosis Treatment. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1178-1183.	3.3	15
21	Minimally Invasive Transdermal Delivery of Iron <sup>2+</sup> -Dextran. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 987-993.	3.3	14
22	Constant voltage $\sim$ Iron <sup>2+</sup> tophoresis. <i>Pharmaceutical Development and Technology</i> , 2011, 16, 483-488.	2.4	11
23	Effect of terpenes on transdermal iontophoretic delivery of diclofenac potassium under constant voltage. <i>Pharmaceutical Development and Technology</i> , 2018, 23, 806-814.	2.4	11
24	Topical Pilocarpine Formulation for Diagnosis of Cystic Fibrosis. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 1747-1751.	3.3	11
25	Formulation, characterization, and evaluation of matrix-type transdermal patches of a model antihypertensive drug. <i>Asian Journal of Pharmaceutics (discontinued)</i> , 2009, 3, 59.	0.4	10
26	Effect of chemical penetration enhancer on transdermal iontophoretic delivery of diclofenac sodium under constant voltage. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 30, 171-179.	3.0	10
27	Nanodelivery Systems Targeting Epidermal Growth Factor Receptors for Glioma Management. <i>Pharmaceutics</i> , 2020, 12, 1198.	4.5	10
28	Enhancement of Anticorrosive Performance of Cardanol Based Polyurethane Coatings by Incorporating Magnetic Hydroxyapatite Nanoparticles. <i>Materials</i> , 2022, 15, 2308.	2.9	10
29	Development and Validation of a Rapid RP-HPLC Method for the Determination of Venlafaxine Hydrochloride in Pharmaceutical Dosage forms using Experimental Design. <i>E-Journal of Chemistry</i> , 2009, 6, 1091-1102.	0.5	9
30	A Rapid Tool to Optimize Process Variables for Continuous Manufacturing of Metronidazole Ointment Using Melt Extrusion Technique. <i>AAPS PharmSciTech</i> , 2020, 21, 273.	3.3	8
31	Design and evaluation of controlled onset extended release multiparticulate systems for chronotherapeutic delivery of ketoprofen. <i>Indian Journal of Pharmaceutical Sciences</i> , 2006, 68, 76.	1.0	8
32	Design and evaluation of pH sensitive minitabets for chronotherapeutic delivery of theophylline. <i>Indian Journal of Pharmaceutical Sciences</i> , 2007, 69, 73.	1.0	8
33	Transdermal iron replenishment therapy. <i>Therapeutic Delivery</i> , 2015, 6, 661-668.	2.2	7
34	Effect of gel properties on transdermal iontophoretic delivery of diclofenac sodium. <i>E-Polymers</i> , 2016, 16, 25-32.	3.0	7
35	Oral raft forming in situ gelling system for site specific delivery of calcium. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102113.	3.0	6
36	Nicotine loaded dissolving microneedles for nicotine replacement therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102300.	3.0	6

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37	Rapid and cost-effective LC-MS/MS method for determination of hydroxycitric acid in plasma: Application in the determination of pharmacokinetics in commercial <i>Garcinia</i> preparations. <i>Biomedical Chromatography</i> , 2020, 34, e4902.	1.7	5
38	Formulation optimization of propranolol hydrochloride microcapsules employing central composite design. <i>Indian Journal of Pharmaceutical Sciences</i> , 2008, 70, 408.	1.0	5
39	Albumin microspheres for oral delivery of iron. <i>Journal of Drug Targeting</i> , 2010, 18, 36-44.	4.4	4
40	Thermosensitive <i>in situ</i> liposomal gels loaded with antimicrobial agent for oral care in critically ill patients. <i>Therapeutic Delivery</i> , 2020, 11, 231-243.	2.2	4
41	FORMULATION OF FAST-DISSOLVING TABLETS OF DOXAZOSIN MESYLATE DRUG BY DIRECT COMPRESSION METHOD. <i>International Journal of Applied Pharmaceutics</i> , 2017, 9, 22.	0.3	3
42	Formulation and evaluation of gastroretentive-floating multiparticulate system of lisinopril. <i>Indian Journal of Health Sciences and Biomedical Research KLEU</i> , 2017, 10, 50.	0.1	3
43	Design and development of transdermal drug delivery of nonsteroidal anti-inflammatory drugs: Lornoxicam. <i>Journal of Reports in Pharmaceutical Sciences</i> , 2019, 8, 277.	0.8	3
44	Iontophoretic Mediated Intraarticular Delivery of Deformable Liposomes of Diclofenac Sodium. <i>Current Drug Delivery</i> , 2021, 18, 421-432.	1.6	3
45	Formulation and optimization of gastroretentive bilayer tablets of calcium carbonate using D-optimal mixture design. <i>E-Polymers</i> , 2021, 21, 057-071.	3.0	2
46	Preparation and Characterization of Directly Compressible Spherical Agglomerates of Etoricoxib. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2020, 54, 983-990.	0.6	2
47	PROTOTYPE SELF EMULSIFYING SYSTEM OF ETRAVIRINE: DESIGN, FORMULATION AND IN VITRO EVALUATION. <i>International Journal of Applied Pharmaceutics</i> , 2018, 10, 13.	0.3	1
48	Biophysical techniques for transdermal delivery of iron. <i>Journal of Drug Delivery Science and Technology</i> , 2014, 24, 289-291.	3.0	0
49	Infrared thermal measurement method to evaluate the skin cooling effect of topical products and the impact of microstructure of creams. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 296-299.	3.0	0
50	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. <i>Journal of Cosmetic Dermatology</i> , 2021, , .	1.6	0