

S Narasimha Murthy

List of Publications by Year in descending order

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95
papers

2,171
citations

201674

27
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289244

40
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98
all docs

98
docs citations

98
times ranked

1890
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and Validation of HPLC Method for Efinaconazole: Application to Human Nail Permeation Studies. AAPS PharmSciTech, 2022, 23, 63.	3.3	5
2	Polymer Coated Polymeric (PCP) microneedles for sampling of drugs and biomarkers from tissues. European Journal of Pharmaceutical Sciences, 2022, 175, 106203.	4.0	9
3	Polymer Coated Polymeric (PCP) Microneedles for Controlled Delivery of Drugs (Dermal and Tj ETQq1 1 0.784314 rgBT /Overglock 10	3.3	10
4	Convective Solvent Transport Pathways for Absorption of Drugs from Topical Formulation. AAPS PharmSciTech, 2022, 23, .	3.3	0
5	Development of lysozyme loaded microneedles for dermal applications. International Journal of Pharmaceutics, 2021, 593, 120104.	5.2	23
6	Effect of surfactant on quality and performance attributes of topical semisolids. International Journal of Pharmaceutics, 2021, 596, 120210.	5.2	5
7	Chemotherapeutic Agent-Induced Vulvodynia, an Experimental Model. AAPS PharmSciTech, 2021, 22, 95.	3.3	2
8	Optimization of sulfobutyl-ether- β -cyclodextrin levels in oral formulations to enhance progesterone bioavailability. International Journal of Pharmaceutics, 2021, 596, 120212.	5.2	19
9	Development and characterization of Novel topical oil/PEG creams of voriconazole for the treatment of fungal infections. Journal of Drug Delivery Science and Technology, 2021, 66, 102928.	3.0	7
10	Iontophoretic Mediated Intraarticular Delivery of Deformable Liposomes of Diclofenac Sodium. Current Drug Delivery, 2021, 18, 421-432.	1.6	3
11	Approaches for Delivery of Drugs Topically. AAPS PharmSciTech, 2020, 21, 30.	3.3	9
12	A Rapid Tool to Optimize Process Variables for Continuous Manufacturing of Metronidazole Ointment Using Melt Extrusion Technique. AAPS PharmSciTech, 2020, 21, 273.	3.3	8
13	Role of Taurine Transporter in the Retinal Uptake of Vigabatrin. AAPS PharmSciTech, 2020, 21, 196.	3.3	7
14	Preparation and evaluation of cefuroxime axetil gastro-retentive floating drug delivery system via hot melt extrusion technology. International Journal of Pharmaceutics, 2019, 566, 520-531.	5.2	14
15	A quality by design approach to develop topical creams via hot-melt extrusion technology. European Journal of Pharmaceutical Sciences, 2019, 136, 104948.	4.0	17
16	Evaluation of soluble fentanyl microneedles for loco-regional anti-nociceptive activity. International Journal of Pharmaceutics, 2019, 564, 485-491.	5.2	21
17	A sensitive bioanalytical method for quantitative determination of resiniferatoxin in rat plasma using ultra-high performance liquid chromatography coupled to tandem mass spectrometry and its application in pharmacokinetic study. Journal of Pharmaceutical and Biomedical Analysis, 2019, 165, 284-291.	2.8	6
18	Effect of Mild Hyperthermia on Transdermal Absorption of Nicotine from Patches. AAPS PharmSciTech, 2019, 20, 77.	3.3	9

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19	Rapidly Dissolving Microneedle Patches for Transdermal Iron Replenishment Therapy. Journal of Pharmaceutical Sciences, 2018, 107, 1642-1647.	3.3	34
20	Micronized Zaleplon Delivery via Orodispersible Film and Orodispersible Tablets. AAPS PharmSciTech, 2018, 19, 1358-1366.	3.3	24
21	RP-HPLC method for simultaneous estimation of vigabatrin, gamma-aminobutyric acid and taurine in biological samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1076, 44-53.	2.3	11
22	Pluronic [®] -based dual [®] -stimuli sensitive polymers capable of thermal gelation and pH [®] -dependent degradation for <i>in situ</i> biomedical application. Journal of Applied Polymer Science, 2018, 135, 46552.	2.6	9
23	Microbial Stability of Pharmaceutical and Cosmetic Products. AAPS PharmSciTech, 2018, 19, 60-78.	3.3	57
24	Effect of terpenes on transdermal iontophoretic delivery of diclofenac potassium under constant voltage. Pharmaceutical Development and Technology, 2018, 23, 806-814.	2.4	11
25	Development of poloxamer gel formulations via hot-melt extrusion technology. International Journal of Pharmaceutics, 2018, 537, 122-131.	5.2	30
26	Excipient Stability: a Critical Aspect in Stability of Pharmaceuticals. AAPS PharmSciTech, 2018, 19, 11-11.	3.3	7
27	Antiallodynic and Antihyperalgesic Activities of Fentanyl-Loaded Dermal Clay Dressings in Rat Model of Second-Degree Burn Injury. Journal of Pharmaceutical Sciences, 2018, 107, 2628-2634.	3.3	1
28	A Novel Apremilast Nail Lacquer Formulation for the Treatment of Nail Psoriasis. AAPS PharmSciTech, 2017, 18, 2949-2956.	3.3	17
29	Trans-ungual Delivery of AR-12, a Novel Antifungal Drug. AAPS PharmSciTech, 2017, 18, 2702-2705.	3.3	17
30	A Novel Approach for the Development of a Nanostructured Lipid Carrier Formulation by Hot-Melt Extrusion Technology. Journal of Pharmaceutical Sciences, 2017, 106, 1085-1091.	3.3	48
31	Therapeutic Applications of Electroporation. , 2017, , 123-137.		1
32	Iontophoresis for drug delivery into the nail apparatus: exploring hyponychium as the site of delivery. Drug Development and Industrial Pharmacy, 2016, 42, 1678-1682.	2.0	21
33	Transdermal Delivery of Iron Using Soluble Microneedles: Dermal Kinetics and Safety. Journal of Pharmaceutical Sciences, 2016, 105, 1196-1200.	3.3	22
34	Development of an Ointment Formulation Using Hot-Melt Extrusion Technology. AAPS PharmSciTech, 2016, 17, 158-166.	3.3	45
35	Delivery of ziconotide to cerebrospinal fluid via intranasal pathway for the treatment of chronic pain. Journal of Controlled Release, 2016, 224, 69-76.	9.9	29
36	Emerging therapies for the treatment of unguinal onychomycosis. Drug Development and Industrial Pharmacy, 2015, 41, 1575-1581.	2.0	22

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37	Transdermal iron replenishment therapy. <i>Therapeutic Delivery</i> , 2015, 6, 661-668.	2.2	7
38	Design, characterization and skin permeating potential of Fluocinolone acetonide loaded nanostructured lipid carriers for topical treatment of psoriasis. <i>Steroids</i> , 2015, 101, 56-63.	1.8	85
39	Trans-ungual delivery of itraconazole hydrochloride by iontophoresis. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 1089-1094.	2.0	17
40	Novel Redox-Responsive Amphiphilic Copolymer Micelles for Drug Delivery: Synthesis and Characterization. <i>AAPS Journal</i> , 2015, 17, 1357-1368.	4.4	19
41	Biophysical techniques for transdermal delivery of iron. <i>Journal of Drug Delivery Science and Technology</i> , 2014, 24, 289-291.	3.0	0
42	Pretreatment with Skin Permeability Enhancers: Importance of Duration and Composition on the Delivery of Diclofenac Sodium. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1497-1503.	3.3	21
43	Quinone propionic acid based redox triggered polymer nanoparticles for drug delivery: Computational analysis and <i>in vitro</i> evaluation. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	7
44	Controlled-release injectable containing Terbinafine/PLGA microspheres for Onychomycosis Treatment. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1178-1183.	3.3	15
45	Iontophoretic Drug Delivery for the Treatment of Scars. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1638-1642.	3.3	16
46	Transdermal iontophoretic delivery of a liquid lipophilic drug by complexation with an anionic cyclodextrin. <i>Journal of Controlled Release</i> , 2014, 189, 11-18.	9.9	26
47	Microporation and Iron Iontophoresis for Treating Iron Deficiency Anemia. <i>Pharmaceutical Research</i> , 2013, 30, 889-898.	3.5	19
48	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
49	Transdermal Iontophoretic Delivery of Propofol: A General Anaesthetic in the Form of its Phosphate Salt. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 500-507.	3.3	16
50	Minimally Invasive Transdermal Delivery of Iron-Dextran. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 987-993.	3.3	14
51	Iontophoresis for treating nail diseases. <i>Therapeutic Delivery</i> , 2013, 4, 647-650.	2.2	6
52	<i>In vitro</i> and <i>in vivo</i> evaluation of a hydrogel-based prototype transdermal patch system of alfuzosin hydrochloride. <i>Pharmaceutical Development and Technology</i> , 2012, 17, 158-163.	2.4	12
53	Ungual and Transungual drug delivery. <i>Drug Development and Industrial Pharmacy</i> , 2012, 38, 901-911.	2.0	70
54	Iontophoresis Across the Proximal Nail Fold to Target Drugs to the Nail Matrix. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 2392-2397.	3.3	24

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55	Delivery of cefotaxime to the brain via intranasal administration. Drug Development and Industrial Pharmacy, 2011, 37, 1306-1310.	2.0	18
56	Transungual delivery of terbinafine by iontophoresis in onychomycotic nails. Drug Development and Industrial Pharmacy, 2011, 37, 1253-1258.	2.0	45
57	Upregulation of Endogenous Neurotrophin Levels in the Brain by Intranasal Administration of Carnosic Acid. Journal of Pharmaceutical Sciences, 2011, 100, 3139-3145.	3.3	24
58	Magnetophoresis in combination with chemical enhancers for transdermal drug delivery. Drug Development and Industrial Pharmacy, 2011, 37, 1076-1082.	2.0	26
59	Constant voltage $\bar{\Gamma}$ ion $\hat{\Gamma}$ tophoresis. Pharmaceutical Development and Technology, 2011, 16, 483-488.	2.4	11
60	Effect of Polyethylene Glycols on the Trans-Ungual Delivery of Terbinafine. Current Drug Delivery, 2010, 7, 407-414.	1.6	39
61	A study on the effect of inorganic salts in transungual drug delivery of terbinafine. Journal of Pharmacy and Pharmacology, 2010, 61, 431-437.	2.4	33
62	Transcutaneous electroporation mediated delivery of doxepin-HPCD complex: A sustained release approach for treatment of postherpetic neuralgia. Journal of Controlled Release, 2010, 142, 361-367.	9.9	30
63	Magnetophoresis for enhancing transdermal drug delivery: Mechanistic studies and patch design. Journal of Controlled Release, 2010, 148, 197-203.	9.9	91
64	Bilayered Nail Lacquer of Terbinafine Hydrochloride for Treatment of Onychomycosis. Journal of Pharmaceutical Sciences, 2010, 99, 4267-4276.	3.3	31
65	Albumin microspheres for oral delivery of iron. Journal of Drug Targeting, 2010, 18, 36-44.	4.4	4
66	Enhancement of nose-brain delivery of therapeutic agents for treating neurodegenerative diseases using peppermint oil. Die Pharmazie, 2010, 65, 690-2.	0.5	9
67	Trans-Ungual Iontophoretic Delivery of Terbinafine. Journal of Pharmaceutical Sciences, 2009, 98, 1788-1796.	3.3	48
68	Irontophoresis TM : Transdermal Delivery of Iron by Iontophoresis. Journal of Pharmaceutical Sciences, 2009, 98, 2670-2676.	3.3	17
69	Dermal Drug Levels of Antibiotic (Cephalexin) Determined by Electroporation and Transcutaneous Sampling (ETS) Technique. Journal of Pharmaceutical Sciences, 2009, 98, 2677-2685.	3.3	11
70	Delivery of Nerve Growth Factor to Brain Via Intranasal Administration and Enhancement of Brain Uptake. Journal of Pharmaceutical Sciences, 2009, 98, 3640-3646.	3.3	61
71	Ungual and trans-ungual iontophoretic delivery of terbinafine for the treatment of onychomycosis. Journal of Pharmaceutical Sciences, 2009, 98, 4130-4140.	3.3	64
72	TranScreen-N _a , ⁺ : Method for rapid screening of trans-ungual drug delivery enhancers. Journal of Pharmaceutical Sciences, 2009, 98, 4264-4271.	3.3	39

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73	An Ex Vivo Toe Model Used to Assess Applicators for the Iontophoretic Ungual Delivery of Terbinafine. <i>Pharmaceutical Research</i> , 2009, 26, 2194-2201.	3.5	37
74	“ChilDrive” A Technique of Combining Regional Cutaneous Hypothermia with Iontophoresis for the Delivery of Drugs to Synovial Fluid. <i>Pharmaceutical Research</i> , 2009, 26, 2535-2540.	3.5	13
75	Transcutaneous sampling of ciprofloxacin and 8-methoxypsoralen by electroporation (ETS technique). <i>International Journal of Pharmaceutics</i> , 2009, 369, 24-29.	5.2	8
76	OcuDrain-“A noninvasive technique for reduction of intraocular pressure. <i>International Journal of Pharmaceutics</i> , 2009, 369, 92-95.	5.2	1
77	Alteration of the diffusional barrier property of the nail leads to greater terbinafine drug loading and permeation. <i>International Journal of Pharmaceutics</i> , 2009, 375, 22-27.	5.2	38
78	Transdermal drug delivery enhanced by low voltage electropulsation (LVE). <i>Pharmaceutical Development and Technology</i> , 2009, 14, 159-164.	2.4	19
79	Electroporation and transcutaneous sampling (ETS) of acyclovir. <i>Journal of Dermatological Science</i> , 2008, 49, 249-251.	1.9	4
80	Noninvasive Transcutaneous Sampling of Glucose by Electroporation. <i>Journal of Diabetes Science and Technology</i> , 2008, 2, 250-254.	2.2	15
81	Iontophoretic permselective property of human nail. <i>Journal of Dermatological Science</i> , 2007, 46, 150-152.	1.9	53
82	Iontophoretic Drug Delivery across Human Nail. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 305-311.	3.3	83
83	Synergistic effect of anionic lipid enhancer and electroosmosis for transcutaneous delivery of insulin. <i>International Journal of Pharmaceutics</i> , 2006, 326, 1-6.	5.2	24
84	Lipid and Electroosmosis Enhanced Transdermal Delivery of Insulin by Electroporation. <i>Journal of Pharmaceutical Sciences</i> , 2006, 95, 2041-2050.	3.3	19
85	N-octyl-beta-thioglycoside enhances the transdermal permeation of ketotifen. <i>Die Pharmazie</i> , 2006, 61, 75-6.	0.5	1
86	Electroporation and transcutaneous extraction (ETE) for pharmacokinetic studies of drugs. <i>Journal of Controlled Release</i> , 2005, 105, 132-141.	9.9	21
87	Bioadhesive tablets for controlled transdermal delivery of drugs. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2005, 59, 355-9.	0.5	0
88	Surfactant-enhanced transdermal delivery by electroporation. <i>Journal of Controlled Release</i> , 2004, 98, 307-315.	9.9	40
89	Cyclodextrin enhanced transdermal delivery of piroxicam and carboxyfluorescein by electroporation. <i>Journal of Controlled Release</i> , 2004, 99, 393-402.	9.9	37
90	Temperature Influences the Postelectroporation Permeability State of the Skin. <i>Journal of Pharmaceutical Sciences</i> , 2004, 93, 908-915.	3.3	23

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91	Evaluation of carboxymethyl guar films for the formulation of transdermal therapeutic systems. International Journal of Pharmaceutics, 2004, 272, 11-18.	5.2	49
92	Clinical pharmacokinetic and pharmacodynamic evaluation of transdermal drug delivery systems of salbutamol sulfate. International Journal of Pharmaceutics, 2004, 287, 47-53.	5.2	18
93	pH influences the postpulse permeability state of skin after electroporation. Journal of Controlled Release, 2003, 93, 49-57.	9.9	33
94	Formulation and Evaluation of Controlled-Release Transdermal Patches of Theophylline–Salbutamol Sulfate. Drug Development and Industrial Pharmacy, 2001, 27, 1057-1062.	2.0	16
95	Physical and chemical permeation enhancers in transdermal delivery of terbutaline sulphate. AAPS PharmSciTech, 2001, 2, 1-5.	3.3	34