

# Sanjula Baboota

## List of Publications by Year in descending order

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205  
papers

9,244  
citations

38742  
50  
h-index

48315  
88  
g-index

209  
all docs

209  
docs citations

209  
times ranked

8924  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategy for effective brain drug delivery. European Journal of Pharmaceutical Sciences, 2010, 40, 385-403.	4.0	330
2	Floating drug delivery systems: A review. AAPS PharmSciTech, 2005, 6, E372-E390.	3.3	324
3	Nanostructured lipid carriers system: Recent advances in drug delivery. Journal of Drug Targeting, 2012, 20, 813-830.	4.4	324
4	Development and evaluation of rivastigmine loaded chitosan nanoparticles for brain targeting. European Journal of Pharmaceutical Sciences, 2012, 47, 6-15.	4.0	306
5	Rutin: therapeutic potential and recent advances in drug delivery. Expert Opinion on Investigational Drugs, 2013, 22, 1063-1079.	4.1	289
6	Insights into direct nose to brain delivery: current status and future perspective. Drug Delivery, 2014, 21, 75-86.	5.7	242
7	Bromocriptine loaded chitosan nanoparticles intended for direct nose to brain delivery: Pharmacodynamic, Pharmacokinetic and Scintigraphy study in mice model. European Journal of Pharmaceutical Sciences, 2013, 48, 393-405.	4.0	232
8	Nanoemulsions as vehicles for transdermal delivery of aceclofenac. AAPS PharmSciTech, 2007, 8, 191.	3.3	226
9	Design, development and evaluation of novel nanoemulsion formulations for transdermal potential of celecoxib. Acta Pharmaceutica, 2007, 57, 315-332.	2.0	221
10	Formulation development and optimization using nanoemulsion technique: A technical note. AAPS PharmSciTech, 2007, 8, E12-E17.	3.3	196
11	Recent Advances in Protein and Peptide Drug Delivery Systems. Current Drug Delivery, 2007, 4, 141-151.	1.6	193
12	Neurotherapeutic applications of nanoparticles in Alzheimer's disease. Journal of Controlled Release, 2011, 152, 208-231.	9.9	182
13	Solid Dispersion as an Approach for Bioavailability Enhancement of Poorly Water-Soluble Drug Ritonavir. AAPS PharmSciTech, 2010, 11, 518-527.	3.3	167
14	Development and evaluation of brain targeted intranasal alginate nanoparticles for treatment of depression. Journal of Psychiatric Research, 2014, 48, 1-12.	3.1	164
15	Silymarin: A review of pharmacological aspects and bioavailability enhancement approaches. Indian Journal of Pharmacology, 2007, 39, 172.	0.7	145
16	Vitamin E loaded resveratrol nanoemulsion for brain targeting for the treatment of Parkinson's disease by reducing oxidative stress. Nanotechnology, 2014, 25, 485102.	2.6	138
17	Nanostructured lipid carriers: An emerging platform for improving oral bioavailability of lipophilic drugs. International Journal of Pharmaceutical Investigation, 2015, 5, 182.	0.3	136
18	Oil based nanocarrier for improved oral delivery of silymarin: In vitro and in vivo studies. International Journal of Pharmaceutics, 2011, 413, 245-253.	5.2	126

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19	Venlafaxine loaded chitosan NPs for brain targeting: Pharmacokinetic and pharmacodynamic evaluation. Carbohydrate Polymers, 2012, 89, 72-79.	10.2	125
20	Donepezil nanosuspension intended for nose to brain targeting: In vitro and in vivo safety evaluation. International Journal of Biological Macromolecules, 2014, 67, 418-425.	7.5	124
21	Skin permeation mechanism and bioavailability enhancement of celecoxib from transdermally applied nanoemulsion. Journal of Nanobiotechnology, 2008, 6, 8.	9.1	120
22	Potential of Nanoparticulate Drug Delivery Systems by Intranasal Administration. Current Pharmaceutical Design, 2010, 16, 1644-1653.	1.9	114
23	Nanostructured lipid carrier system for topical delivery of terbinafine hydrochloride. Bulletin of Faculty of Pharmacy, Cairo University, 2015, 53, 147-159.	0.3	110
24	Topical nanostructured lipid carrier gel of quercetin and resveratrol: Formulation, optimization, in vitro and ex vivo study for the treatment of skin cancer. International Journal of Pharmaceutics, 2020, 587, 119705.	5.2	109
25	Nanostructured lipid (NLCs) carriers as a bioavailability enhancement tool for oral administration. Drug Delivery, 2015, 22, 691-700.	5.7	105
26	Vitamin E Loaded Naringenin Nanoemulsion via Intranasal Delivery for the Management of Oxidative Stress in a 6-OHDA Parkinson's Disease Model. BioMed Research International, 2019, 2019, 1-20.	1.9	101
27	Preparation, characterization, <i>in vivo</i> biodistribution and pharmacokinetic studies of donepezil-loaded PLGA nanoparticles for brain targeting. Drug Development and Industrial Pharmacy, 2014, 40, 278-287.	2.0	95
28	Design, characterization, and evaluation of intranasal delivery of ropinirole-loaded mucoadhesive nanoparticles for brain targeting. Drug Development and Industrial Pharmacy, 2015, 41, 1674-1681.	2.0	86
29	Nano-carrier enabled drug delivery systems for nose to brain targeting for the treatment of neurodegenerative disorders. Journal of Drug Delivery Science and Technology, 2018, 43, 295-310.	3.0	86
30	Brain targeted nanoparticulate drug delivery system of rasagiline via intranasal route. Drug Delivery, 2016, 23, 130-139.	5.7	85
31	Conundrum and Therapeutic Potential of Curcumin in Drug Delivery. Critical Reviews in Therapeutic Drug Carrier Systems, 2010, 27, 279-312.	2.2	82
32	Design Expert <sup>®</sup> supported optimization and predictive analysis of selegiline nanoemulsion via the olfactory region with enhanced behavioural performance in Parkinson's disease. Nanotechnology, 2016, 27, 435101.	2.6	76
33	Recent advances and development in epidermal and dermal drug deposition enhancement technology. International Journal of Dermatology, 2018, 57, 646-660.	1.0	76
34	Celecoxib nanoemulsion: Skin permeation mechanism and bioavailability assessment. Journal of Drug Targeting, 2008, 16, 733-740.	4.4	73
35	Intranasal administration of nanostructured lipid carriers containing CNS acting drug: Pharmacodynamic studies and estimation in blood and brain. Journal of Psychiatric Research, 2012, 46, 1133-1138.	3.1	72
36	Formulation and development of hydrodynamically balanced system for metformin: In vitro and in vivo evaluation. European Journal of Pharmaceutics and Biopharmaceutics, 2007, 67, 196-201.	4.3	69

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37	Optimization of Nanostructured Lipid Carriers of Lurasidone Hydrochloride Using Box-Behnken Design for Brain Targeting: InÂVitro and InÂVivo Studies. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 3082-3090.	3.3	68
38	Optimised nanoformulation of bromocriptine for direct nose-to-brain delivery: biodistribution, pharmacokinetic and dopamine estimation by ultra-HPLC/mass spectrometry method. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 827-842.	5.0	67
39	Effect of high-pressure homogenization on formulation of TPGS loaded nanoemulsion of rutin â€“ pharmacodynamic and antioxidant studies. <i>Drug Delivery</i> , 2015, 22, 541-551.	5.7	63
40	Status of novel drug delivery technology for phytotherapeutics. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 625-637.	5.0	62
41	Pharmacoscintigraphic evaluation of potential of lipid nanocarriers for nose-to-brain delivery of antidepressant drug. <i>International Journal of Pharmaceutics</i> , 2014, 470, 99-106.	5.2	62
42	Curcumin-loaded lipid nanocarrier for improving bioavailability, stability and cytotoxicity against malignant glioma cells. <i>Drug Delivery</i> , 2016, 23, 214-229.	5.7	59
43	Intranasal delivery of paroxetine nanoemulsion via the olfactory region for the management of depression: formulation, behavioural and biochemical estimation. <i>Nanotechnology</i> , 2016, 27, 025102.	2.6	59
44	Nanocarriers as treatment modalities for hypertension. <i>Drug Delivery</i> , 2017, 24, 358-369.	5.7	59
45	Nanocarrier-based hydrogel of betamethasone dipropionate and salicylic acid for treatment of psoriasis. <i>International Journal of Pharmaceutical Investigation</i> , 2011, 1, 139.	0.3	58
46	Tacrolimus-loaded nanostructured lipid carriers for oral delivery â€“ Optimization of production and characterization. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 108, 277-288.	4.3	58
47	Cold atmospheric plasma and silymarin nanoemulsion synergistically inhibits human melanoma tumorigenesis via targeting HGF/c-MET downstream pathway. <i>Cell Communication and Signaling</i> , 2019, 17, 52.	6.5	58
48	Nanoneurotherapeutics approach intended for direct nose to brain delivery. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 1922-1934.	2.0	57
49	Nano-Based Drug Delivery System: Recent Strategies for the Treatment of Ocular Disease and Future Perspective. <i>Recent Patents on Drug Delivery and Formulation</i> , 2020, 13, 246-254.	2.1	56
50	Intranasal infusion of nanostructured lipid carriers (NLC) containing CNS acting drug and estimation in brain and blood. <i>Drug Delivery</i> , 2013, 20, 247-251.	5.7	53
51	Silymarin loaded nanostructured lipid carrier: From design and dermatokinetic study to mechanistic analysis of epidermal drug deposition enhancement. <i>Journal of Molecular Liquids</i> , 2018, 255, 513-529.	4.9	53
52	Effects of silymarin nanoemulsion against carbon tetrachloride-induced hepatic damage. <i>Archives of Pharmacal Research</i> , 2011, 34, 767-774.	6.3	51
53	Nanostructure-based drug delivery systems for brain targeting. <i>Drug Development and Industrial Pharmacy</i> , 2012, 38, 387-411.	2.0	51
54	Adaptation of Quality by Design-Based Development of Isradipine Nanostructuredâ€“Lipid Carrier and Its Evaluation for InÂVitro Gut Permeation and InÂVivo Solubilization Fate. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 2914-2926.	3.3	51

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55	Combinatorial lipid-nanosystem for dermal delivery of 5-fluorouracil and resveratrol against skin cancer: Delineation of improved dermatokinetics and epidermal drug deposition enhancement analysis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 163, 223-239.	4.3	51
56	Boosting the Brain Delivery of Atazanavir through Nanostructured Lipid Carrier-Based Approach for Mitigating NeuroAIDS. <i>Pharmaceutics</i> , 2020, 12, 1059.	4.5	49
57	Brain delivery of buspirone hydrochloride chitosan nanoparticles for the treatment of general anxiety disorder. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 49-59.	7.5	48
58	Physicochemical characterization, in vitro dissolution behavior, and pharmacodynamic studies of rofecoxib-cyclodextrin inclusion compounds. Preparation and properties of rofecoxib hydroxypropyl $\beta$ -cyclodextrin inclusion complex: A technical note. <i>AAPS PharmSciTech</i> , 2005, 6, E83-E90.	3.3	46
59	Formulation, development and optimization of raloxifene-loaded chitosan nanoparticles for treatment of osteoporosis. <i>Drug Delivery</i> , 2015, 22, 823-836.	5.7	46
60	Nanosizing of valsartan by high pressure homogenization to produce dissolution enhanced nanosuspension: pharmacokinetics and pharmacodynamic study. <i>Drug Delivery</i> , 2016, 23, 930-940.	5.7	45
61	Quality by design based silymarin nanoemulsion for enhancement of oral bioavailability. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 40, 35-44.	3.0	45
62	Role of Rutin Nanoemulsion in Ameliorating Oxidative Stress: Pharmacokinetic and Pharmacodynamics Studies. <i>Chemistry and Physics of Lipids</i> , 2020, 228, 104890.	3.2	45
63	Selegiline Nanoformulation in Attenuation of Oxidative Stress and Upregulation of Dopamine in the Brain for the Treatment of Parkinson's Disease. <i>Rejuvenation Research</i> , 2018, 21, 464-476.	1.8	44
64	Iontophoresis - An Approach for Controlled Drug Delivery: A Review. <i>Current Drug Delivery</i> , 2007, 4, 1-10.	1.6	41
65	Insights on Oral Drug Delivery of Lipid Nanocarriers: a Win-Win Solution for Augmenting Bioavailability of Antiretroviral Drugs. <i>AAPS PharmSciTech</i> , 2019, 20, 60.	3.3	39
66	Trends in nanotechnology-based delivery systems for dermal targeting of drugs: an enticing approach to offset psoriasis. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 817-838.	5.0	39
67	Tacrolimus-loaded nanostructured lipid carriers for oral delivery-in vivo bioavailability enhancement. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 109, 149-157.	4.3	38
68	Nanostructured lipid carrier in photodynamic therapy for the treatment of basal-cell carcinoma. <i>Drug Delivery</i> , 2016, 23, 1476-1485.	5.7	38
69	Cold Atmospheric Plasma and Silymarin Nanoemulsion Activate Autophagy in Human Melanoma Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1939.	4.1	38
70	Nanotherapeutics for Alzheimer's disease (AD): Past, present and future. <i>Journal of Drug Targeting</i> , 2012, 20, 97-113.	4.4	37
71	Synergistic antioxidant action of vitamin E and rutin SNEDDS in ameliorating oxidative stress in a Parkinson's disease model. <i>Nanotechnology</i> , 2016, 27, 375101.	2.6	37
72	Gastroretentive drug delivery system of acyclovir-loaded alginate mucoadhesive microspheres: Formulation and evaluation. <i>Drug Delivery</i> , 2011, 18, 255-264.	5.7	36

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73	Nano-ropinirole for the management of Parkinsonism: bloodâ€“brain pharmacokinetics and carrier localization. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 695-710.	2.8	36
74	Silymarin-loaded nanostructured lipid carrier gel for the treatment of skin cancer. <i>Nanomedicine</i> , 2019, 14, 1077-1093.	3.3	36
75	Summary of University of Kentucky Pharmaceutical Sciences AAPS Student Chapter 2007 Postgraduate Conference. <i>AAPS PharmSciTech</i> , 2007, 8, E104-E104.	3.3	35
76	Resveratrol-loaded nanoemulsion gel system to ameliorate UV-induced oxidative skin damage: from in vitro to in vivo investigation of antioxidant activity enhancement. <i>Archives of Dermatological Research</i> , 2019, 311, 773-793.	1.9	35
77	Pulsatile drug delivery systems: An approach for controlled drug delivery. <i>Indian Journal of Pharmaceutical Sciences</i> , 2006, 68, 295.	1.0	35
78	Stability studies of silymarin nanoemulsion containing Tween 80 as a surfactant. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2015, 7, 321.	0.6	35
79	Fast-dissolving intra-oral drug delivery systems. <i>Expert Opinion on Therapeutic Patents</i> , 2008, 18, 769-781.	5.0	34
80	Chlorogenic acid stabilized nanostructured lipid carriers (NLC) of atorvastatin: formulation, design and <i>in vivo</i> evaluation. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 209-220.	2.0	34
81	Optimization of rivastigmine nanoemulsion for enhanced brain delivery: in-vivo and toxicity evaluation. <i>Journal of Molecular Liquids</i> , 2018, 255, 384-396.	4.9	33
82	Intranasal delivery of tetrabenazine nanoemulsion via olfactory region for better treatment of hyperkinetic movement associated with Huntingtonâ€™s disease: Pharmacokinetic and brain delivery study. <i>Chemistry and Physics of Lipids</i> , 2020, 230, 104917.	3.2	31
83	Role of nanocarriers in photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 30, 101782.	2.6	30
84	Curcumin Loaded Nano Globules for Solubility Enhancement: Preparation, Characterization and <i>Ex Vivo</i> Release Study. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 8293-8302.	0.9	29
85	Omega 3 fatty acid-enriched nanoemulsion of thiocolchicoside for transdermal delivery: formulation, characterization and absorption studies. <i>Drug Delivery</i> , 2016, 23, 591-600.	5.7	29
86	Attenuation of Oxidative Damage by Coenzyme Q <sub>10</sub> Loaded Nanoemulsion Through Oral Route for the Management of Parkinson's Disease. <i>Rejuvenation Research</i> , 2018, 21, 232-248.	1.8	29
87	Stabilityâ€“indicating HPTLC method for quantitative estimation of silybin in bulk drug and pharmaceutical dosage form. <i>Biomedical Chromatography</i> , 2010, 24, 639-647.	1.7	28
88	New non-oral drug delivery systems for Parkinson's disease treatment. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 359-374.	5.0	28
89	Development and evaluation of triclosan loaded poly-Î¶-caprolactone nanoparticulate system for the treatment of periodontal infections. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	28
90	Intranasal delivery of mucoadhesive nanocarriers: a viable option for Parkinsonâ€™s disease treatment?. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 1355-1366.	5.0	27

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91	An Insight to Brain Targeting Utilizing Polymeric Nanoparticles: Effective Treatment Modalities for Neurological Disorders and Brain Tumor. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 788128.	4.1	27
92	Nanoemulsion as a tool for improvement of Cilostazol oral bioavailability. <i>Journal of Molecular Liquids</i> , 2015, 212, 792-798.	4.9	25
93	Chronomodulated drug delivery system of salbutamol sulphate for the treatment of nocturnal asthma. <i>Indian Journal of Pharmaceutical Sciences</i> , 2008, 70, 351.	1.0	25
94	Development and evaluation of a microemulsion formulation for transdermal delivery of terbinafine. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2007, 61, 276-85.	0.5	25
95	Nano Approaches to Enhance Pharmacokinetic and Pharmacodynamic Activity of Plant Origin Drugs. <i>Current Nanoscience</i> , 2009, 5, 344-352.	1.2	24
96	Solid Dispersion: An Alternative Technique for Bioavailability Enhancement of Poorly Soluble Drugs. <i>Journal of Dispersion Science and Technology</i> , 2009, 30, 1458-1473.	2.4	23
97	Riluzole-loaded nanoparticles to alleviate the symptoms of neurological disorders by attenuating oxidative stress. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 471-483.	2.0	23
98	Recent Advances in Pelletization Technique for Oral Drug Delivery: A Review. <i>Current Drug Delivery</i> , 2009, 6, 122-129.	1.6	22
99	Development and validation of HPLC method for simultaneous estimation of piperine and guggulsterones in compound Unani formulation (tablets) and a nanoreservoir system. <i>Biomedical Chromatography</i> , 2012, 26, 1183-1190.	1.7	22
100	Biodegradable intranasal nanoparticulate drug delivery system of risedronate sodium for osteoporosis. <i>Drug Delivery</i> , 2016, 23, 2428-2438.	5.7	22
101	Development and Evaluation of Polymeric Nanosponge Hydrogel for Terbinafine Hydrochloride: Statistical Optimization, In Vitro and In Vivo Studies. <i>Polymers</i> , 2020, 12, 2903.	4.5	22
102	Gene Therapy, A Novel Therapeutic Tool for Neurological Disorders: Current Progress, Challenges and Future Prospective. <i>Current Gene Therapy</i> , 2020, 20, 184-194.	2.0	22
103	Ameliorative effect of a standardized polyherbal combination in methotrexate-induced nephrotoxicity in the rat. <i>Pharmaceutical Biology</i> , 2020, 58, 184-199.	2.9	21
104	CCRD based development of bromocriptine and glutathione nanoemulsion tailored ultrasonically for the combined anti-parkinson effect. <i>Chemistry and Physics of Lipids</i> , 2021, 235, 105035.	3.2	21
105	Polymeric Nanoparticles: Exploring the Current Drug Development and Therapeutic Insight of Breast Cancer Treatment and Recommendations. <i>Polymers</i> , 2021, 13, 4400.	4.5	21
106	Role of P-Glycoprotein Inhibitors in the Bioavailability Enhancement of Solid Dispersion of Darunavir. <i>BioMed Research International</i> , 2017, 2017, 1-17.	1.9	20
107	Harnessing nanotechnology for enhanced topical delivery of clindamycin phosphate. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101253.	3.0	20
108	Design, Development, Optimization and Characterization of Donepezil Loaded Chitosan Nanoparticles for Brain Targeting to Treat Alzheimer's Disease. <i>Science of Advanced Materials</i> , 2014, 6, 720-735.	0.7	20



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109	Multiple-pulse drug delivery systems: setting a new paradigm for infectious disease therapy. Expert Opinion on Drug Delivery, 2009, 6, 441-452.	5.0	19
110	Duloxetine loaded-microemulsion system to improve behavioral activities by upregulating serotonin and norepinephrine in brain for the treatment of depression. Journal of Psychiatric Research, 2018, 99, 83-95.	3.1	19
111	Analyzing Nanotherapeutics-Based Approaches for the Management of Psychotic Disorders. Journal of Pharmaceutical Sciences, 2019, 108, 3757-3768.	3.3	19
112	Nano-based anti-tubercular drug delivery: an emerging paradigm for improved therapeutic intervention. Drug Delivery and Translational Research, 2020, 10, 1111-1121.	5.8	19
113	Lipid nanocarrier of selegiline augmented anti-Parkinson's effect via P-gp modulation using quercetin. International Journal of Pharmaceutics, 2021, 609, 121131.	5.2	19
114	Determination of in vivo virtue of dermal targeted combinatorial lipid nanocolloidal based formulation of 5-fluorouracil and resveratrol against skin cancer. International Journal of Pharmaceutics, 2021, 610, 121179.	5.2	19
115	Patented Herbal Formulations and their Therapeutic Applications. Recent Patents on Drug Delivery and Formulation, 2010, 4, 231-244.	2.1	18
116	Box-Behnken supported validation of stability-indicating high performance thin-layer chromatography (HPTLC) method: An application in degradation kinetic profiling of ropinirole. Saudi Pharmaceutical Journal, 2013, 21, 93-102.	2.7	18
117	Tailoring lipid nanoconstructs for the oral delivery of paliperidone: Formulation, optimization and in vitro evaluation. Chemistry and Physics of Lipids, 2021, 234, 105005.	3.2	18
118	Enhanced anti-psoriatic activity of tacrolimus loaded nanoemulsion gel via omega 3 - Fatty acid (EPA) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 102458.	3.0	18
119	Nanoemulsion Based Hydrogel Containing Omega 3 Fatty Acids as a Surrogate of Betamethasone Dipropionate for Topical Delivery. Advanced Science Letters, 2012, 6, 221-231.	0.2	18
120	Thymoquinone-Enriched Naringenin-Loaded Nanostructured Lipid Carrier for Brain Delivery via Nasal Route: In Vitro Prospect and In Vivo Therapeutic Efficacy for the Treatment of Depression. Pharmaceutics, 2022, 14, 656.	4.5	18
121	Ligand conjugation: An emerging platform for enhanced brain drug delivery. Brain Research Bulletin, 2018, 142, 384-393.	3.0	17
122	Natural, Synthetic and their Combinatorial Nanocarriers Based Drug Delivery System in the Treatment Paradigm for Wound Healing Via Dermal Targeting. Current Pharmaceutical Design, 2020, 26, 4551-4568.	1.9	17
123	UHPLC/ESI-MS/MS method for the measurement of dopamine in rodent striatal tissue: A comparative effects of intranasal administration of ropinirole solution over nanoemulsion. Drug Testing and Analysis, 2013, 5, 702-709.	2.6	16
124	Brain targeting by intranasal drug delivery (INDD): a combined effect of trans-neural and para-neuronal pathway. Drug Delivery, 2016, 23, 923-929.	5.7	16
125	Nanostructured Lipid Carrier Containing CNS Acting Drug: Formulation, Optimization and Evaluation. Current Nanoscience, 2011, 7, 1014-1027.	1.2	16
126	Chitosan coated synergistically engineered nanoemulsion of Ropinirole and nigella oil in the management of Parkinson's disease: Formulation perspective and In vitro and In vivo assessment. International Journal of Biological Macromolecules, 2021, 167, 605-619.	7.5	15



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127	Thin-layer chromatographic analysis of psoralen in babchi ( <i>Psoralea corylifolia</i> ) oil. <i>Acta Chromatographica</i> , 2008, 20, 277-282.	1.3	14
128	Treatment of acne with special emphasis on herbal remedies. <i>Expert Review of Dermatology</i> , 2008, 3, 111-122.	0.3	14
129	Recent Advances and Patents in Solid Dispersion Technology. <i>Recent Patents on Drug Delivery and Formulation</i> , 2011, 5, 244-264.	2.1	14
130	Solid Self-Nano Emulsifying Nanoplatform Loaded with Tamoxifen and Resveratrol for Treatment of Breast Cancer. <i>Pharmaceutics</i> , 2022, 14, 1486.	4.5	14
131	Site Specific Chronotherapeutic Drug Delivery Systems: A Patent Review. <i>Recent Patents on Drug Delivery and Formulation</i> , 2009, 3, 64-70.	2.1	13
132	Development of HPTLC method for the estimation of ondansetron hydrochloride in bulk drug and sublingual tablets. <i>Drug Testing and Analysis</i> , 2013, 5, 122-125.	2.6	13
133	Ribociclib Nanostructured Lipid Carrier Aimed for Breast Cancer: Formulation Optimization, Attenuating In Vitro Specification, and In Vivo Scrutinization. <i>BioMed Research International</i> , 2022, 2022, 1-24.	1.9	13
134	Exploring drug delivery systems for treating osteoporosis. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 1123-1136.	5.0	12
135	Targeted Delivery of Natural Bioactives and Lipid-nanocargos against Signaling Pathways Involved in Skin Cancer. <i>Current Medicinal Chemistry</i> , 2021, 28, 8003-8035.	2.4	12
136	A new validated ultra performance liquid chromatographic method for determination of acyclovir. <i>Drug Testing and Analysis</i> , 2011, 3, 187-190.	2.6	11
137	Quality by Design Adapted Chemically Engineered Lipid Architectonics for HIV Therapeutics and Intervention: Contriving of Formulation, Appraising the In vitro Parameters and In vivo Solubilization Potential. <i>AAPS PharmSciTech</i> , 2020, 21, 261.	3.3	11
138	Preparation, Characterization and Evaluation of Bromocriptine Loaded Chitosan Nanoparticles for Intranasal Delivery. <i>Science of Advanced Materials</i> , 2012, 4, 949-960.	0.7	11
139	Designing and development of omega-3 fatty acid based self-nanoemulsifying drug delivery system (SNEDDS) of docetaxel with enhanced biopharmaceutical attributes for management of breast cancer. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 68, 103117.	3.0	11
140	Unraveling enhanced brain delivery of paliperidone-loaded lipid nanoconstructs: pharmacokinetic, behavioral, biochemical, and histological aspects. <i>Drug Delivery</i> , 2022, 29, 1409-1422.	5.7	11
141	FAST ANALYSIS AND VALIDATION OF RUTIN IN ANTI-PSORIATIC AYURVEDIC FORMULATION BY HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011, 34, 446-455.	1.0	10
142	Submicron Size Formulation of Linseed Oil Containing Omega-3 Fatty Acid for Topical Delivery. <i>Journal of Dispersion Science and Technology</i> , 2012, 33, 1259-1266.	2.4	10
143	Nano-based drug delivery system: a smart alternative towards eradication of viral sanctuaries in management of NeuroAIDS. <i>Drug Delivery and Translational Research</i> , 2022, 12, 27-48.	5.8	10
144	Chronopharmaceutics: A Promising Drug Delivery Finding of the Last Two Decades. <i>Recent Patents on Drug Delivery and Formulation</i> , 2010, 4, 129-144.	2.1	9

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145	VALIDATED UPLC/Q-TOF-MS METHOD FOR SIMULTANEOUS DETERMINATION OF ACECLOFENAC, PARACETAMOL, AND THEIR DEGRADATION PRODUCTS IN TABLETS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 109-128.	1.0	9
146	Stability-Indicating High-Performance Thin-Layer Chromatographic Method for the Simultaneous Determination of Quercetin and Resveratrol in the Lipid-Based Nanoformulation. <i>Journal of Planar Chromatography - Modern TLC</i> , 2019, 32, 393-400.	1.2	9
147	Nanostructured lipid carriers of isradipine for effective management of hypertension and isoproterenol induced myocardial infarction. <i>Drug Delivery and Translational Research</i> , 2022, 12, 577-588.	5.8	9
148	In vitro appraisals and ex vivo permeation prospect of chitosan nanoparticles designed for schizophrenia to intensify nasal delivery. <i>Polymer Bulletin</i> , 2022, 79, 2263-2285.	3.3	9
149	Assessment of Combination Approaches of Phytoconstituents with Chemotherapy for the Treatment of Breast Cancer: A Systematic Review. <i>Current Pharmaceutical Design</i> , 2021, 27, 4630-4648.	1.9	9
150	A pervasive scientific overview on mangiferin in the prevention and treatment of various diseases with preclinical and clinical updates. <i>Journal of Complementary and Integrative Medicine</i> , 2021, 18, 9-21.	0.9	9
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