

Varun Kushwah

List of Publications by Year in descending order

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166
papers

7,968
citations

41344

49
h-index

60623

81
g-index

168
all docs

168
docs citations

168
times ranked

9391
citing authors

#	ARTICLE	IF	CITATIONS
1	Oral delivery of anticancer drugs: Challenges and opportunities. Journal of Controlled Release, 2013, 170, 15-40.	9.9	403
2	The intracellular drug delivery and anti tumor activity of doxorubicin loaded poly(β -benzyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td	11.4	310
3	Solid lipid nanoparticles: an oral bioavailability enhancer vehicle. Expert Opinion on Drug Delivery, 2011, 8, 1407-1424.	5.0	221
4	The effect of the oral administration of polymeric nanoparticles on the efficacy and toxicity of tamoxifen. Biomaterials, 2011, 32, 503-515.	11.4	215
5	Co-encapsulation of Tamoxifen and Quercetin in Polymeric Nanoparticles: Implications on Oral Bioavailability, Antitumor Efficacy, and Drug-Induced Toxicity. Molecular Pharmaceutics, 2013, 10, 3459-3474.	4.6	210
6	<i>In situ</i> gel systems as "smart" carriers for sustained ocular drug delivery. Expert Opinion on Drug Delivery, 2012, 9, 383-402.	5.0	162
7	Polyelectrolyte stabilized multilayered liposomes for oral delivery of paclitaxel. Biomaterials, 2012, 33, 6758-6768.	11.4	159
8	Toxicity of Multiwalled Carbon Nanotubes with End Defects Critically Depends on Their Functionalization Density. Chemical Research in Toxicology, 2011, 24, 2028-2039.	3.3	153
9	Folate-decorated PLGA nanoparticles as a rationally designed vehicle for the oral delivery of insulin. Nanomedicine, 2012, 7, 1311-1337.	3.3	148
10	Mannosylated niosomes as adjuvant "carrier system for oral genetic immunization against Hepatitis B. Immunology Letters, 2005, 101, 41-49.	2.5	143
11	Improved Stability and Antidiabetic Potential of Insulin Containing Folic Acid Functionalized Polymer Stabilized Multilayered Liposomes Following Oral Administration. Biomacromolecules, 2014, 15, 350-360.	5.4	141
12	Oral bioavailability, therapeutic efficacy and reactive oxygen species scavenging properties of coenzyme Q10-loaded polymeric nanoparticles. Biomaterials, 2011, 32, 6860-6874.	11.4	137
13	Oral Delivery of Doxorubicin Using Novel Polyelectrolyte-Stabilized Liposomes (Layersomes). Molecular Pharmaceutics, 2012, 9, 2626-2635.	4.6	137
14	Liposomes Modified with Cyclic RGD Peptide for Tumor Targeting. Journal of Drug Targeting, 2004, 12, 257-264.	4.4	134
15	Hyaluronate Tethered, "Smart" Multiwalled Carbon Nanotubes for Tumor-Targeted Delivery of Doxorubicin. Bioconjugate Chemistry, 2012, 23, 2201-2213.	3.6	127
16	Carbon nanotubes in cancer theragnosis. Nanomedicine, 2010, 5, 1277-1301.	3.3	113
17	Gelatin Coated Hybrid Lipid Nanoparticles for Oral Delivery of Amphotericin B. Molecular Pharmaceutics, 2012, 9, 2542-2553.	4.6	113
18	Gene Expression, Biodistribution, and Pharmacoscintigraphic Evaluation of Chondroitin Sulfate~PEI Nanoconstructs Mediated Tumor Gene Therapy. ACS Nano, 2009, 3, 1493-1505.	14.6	111

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19	Augmented Anticancer Activity of a Targeted, Intracellularly Activatable, Theranostic Nanomedicine Based on Fluorescent and Radiolabeled, Methotrexate-Folic Acid-Multiwalled Carbon Nanotube Conjugate. <i>Molecular Pharmaceutics</i> , 2013, 10, 2543-2557.	4.6	110
20	Potential of erlotinib cyclodextrin nanosponge complex to enhance solubility, dissolution rate, in vitro cytotoxicity and oral bioavailability. <i>Carbohydrate Polymers</i> , 2016, 137, 339-349.	10.2	109
21	Novel self-emulsifying formulation of quercetin for improved in vivo antioxidant potential: Implications for drug-induced cardiotoxicity and nephrotoxicity. <i>Free Radical Biology and Medicine</i> , 2013, 65, 117-130.	2.9	94
22	Nanoemulsion loaded gel for topical co-delivery of clobetasol propionate and calcipotriol in psoriasis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1473-1482.	3.3	90
23	Solid lipid nanoparticles-loaded topical gel containing combination drugs: an approach to offset psoriasis. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 1833-1847.	5.0	89
24	Solid lipid nanoparticles and nanostructured lipid carrier-based nanotherapeutics in treatment of psoriasis: a comparative study. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 165-177.	5.0	88
25	Improved stability and immunological potential of tetanus toxoid containing surface engineered bilosomes following oral administration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 431-440.	3.3	85
26	Nanostructured lipid carrier mediates effective delivery of methotrexate to induce apoptosis of rheumatoid arthritis via NF- κ B and FOXO1. <i>International Journal of Pharmaceutics</i> , 2016, 499, 301-320.	5.2	84
27	Fucose decorated solid-lipid nanocarriers mediate efficient delivery of methotrexate in breast cancer therapeutics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 114-126.	5.0	83
28	Co-delivery of docetaxel and gemcitabine by anacardic acid modified self-assembled albumin nanoparticles for effective breast cancer management. <i>Acta Biomaterialia</i> , 2018, 73, 424-436.	8.3	83
29	Assessment of penetration potential of pH responsive double walled biodegradable nanogels coated with eucalyptus oil for the controlled delivery of 5-fluorouracil: In vitro and ex vivo studies. <i>Journal of Controlled Release</i> , 2017, 253, 122-136.	9.9	82
30	Augmented Anticancer Efficacy of Doxorubicin-Loaded Polymeric Nanoparticles after Oral Administration in a Breast Cancer Induced Animal Model. <i>Molecular Pharmaceutics</i> , 2011, 8, 1140-1151.	4.6	81
31	Enhanced Antitumor Efficacy and Reduced Toxicity of Docetaxel Loaded Estradiol Functionalized Stealth Polymeric Nanoparticles. <i>Molecular Pharmaceutics</i> , 2015, 12, 3871-3884.	4.6	72
32	Chitosan nanoparticles encapsulated vesicular systems for oral immunization: preparation, in-vitro and in-vivo characterization. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 58, 303-310.	2.4	70
33	Positively charged self-nanoemulsifying oily formulations of olmesartan medoxomil: Systematic development, in vitro, ex vivo and in vivo evaluation. <i>International Journal of Pharmaceutics</i> , 2015, 493, 466-482.	5.2	68
34	Bicontinuous Cubic Liquid Crystalline Nanoparticles for Oral Delivery of Doxorubicin: Implications on Bioavailability, Therapeutic Efficacy, and Cardiotoxicity. <i>Pharmaceutical Research</i> , 2014, 31, 1219-1238.	3.5	66
35	Functionalized Lipid-Polymer Hybrid Nanoparticles Mediated Codelivery of Methotrexate and Aceclofenac: A Synergistic Effect in Breast Cancer with Improved Pharmacokinetics Attributes. <i>Molecular Pharmaceutics</i> , 2017, 14, 1883-1897.	4.6	66
36	Solidified Self-Nanoemulsifying Formulation for Oral Delivery of Combinatorial Therapeutic Regimen: Part I. Formulation Development, Statistical Optimization, and In Vitro Characterization. <i>Pharmaceutical Research</i> , 2014, 31, 923-945.	3.5	65

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37	Methotrexate and beta-carotene loaded-lipid polymer hybrid nanoparticles: a preclinical study for breast cancer. <i>Nanomedicine</i> , 2017, 12, 1851-1872.	3.3	65
38	pH Responsive 5-Fluorouracil Loaded Biocompatible Nanogels For Topical Chemotherapy of Aggressive Melanoma. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 232-245.	5.0	65
39	Mannosylated Niosomes as Adjuvant-Carrier System for Oral Mucosal Immunization. <i>Journal of Liposome Research</i> , 2006, 16, 331-345.	3.3	64
40	Novel drug delivery system: an immense hope for diabetics. <i>Drug Delivery</i> , 2016, 23, 2371-2390.	5.7	63
41	Natural lipids enriched self-nano-emulsifying systems for effective co-delivery of tamoxifen and naringenin: Systematic approach for improved breast cancer therapeutics. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1703-1713.	3.3	61
42	pH responsive biodegradable nanogels for sustained release of bleomycin. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 4595-4613.	3.0	59
43	Drug-Phospholipid Complexes: A Go Through Strategy for Enhanced Oral Bioavailability. <i>AAPS PharmSciTech</i> , 2019, 20, 43.	3.3	57
44	Development of stabilized glucamannosylated chitosan nanoparticles using tandem crosslinking method for oral vaccine delivery. <i>Nanomedicine</i> , 2014, 9, 2511-2529.	3.3	55
45	Nanostructured lipid carriers of olmesartan medoxomil with enhanced oral bioavailability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 154, 10-20.	5.0	55
46	µ-Poly-L-Lysine/plasmid DNA nanoplexes for efficient gene delivery in vivo. <i>International Journal of Pharmaceutics</i> , 2018, 542, 142-152.	5.2	55
47	Functionalization Density Dependent Toxicity of Oxidized Multiwalled Carbon Nanotubes in a Murine Macrophage Cell Line. <i>Chemical Research in Toxicology</i> , 2012, 25, 2127-2137.	3.3	53
48	Intranuclear Drug Delivery and Effective in Vivo Cancer Therapy via Estradiol-PEG-Appended Multiwalled Carbon Nanotubes. <i>Molecular Pharmaceutics</i> , 2013, 10, 3404-3416.	4.6	50
49	Fabrication and functional attributes of lipidic nanoconstructs of lycopene: An innovative endeavour for enhanced cytotoxicity in MCF-7 breast cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 482-491.	5.0	50
50	Cyclosporin A Loaded PLGA Nanoparticle: Preparation, Optimization, In-Vitro Characterization and Stability Studies. <i>Current Nanoscience</i> , 2010, 6, 422-431.	1.2	49
51	Co-delivery of docetaxel and gemcitabine using PEGylated self-assembled stealth nanoparticles for improved breast cancer therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1629-1641.	3.3	49
52	Novel self-nanoemulsifying formulation of quercetin: Implications of pro-oxidant activity on the anticancer efficacy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, e959-e969.	3.3	48
53	Development and characterization of single step self-assembled lipid polymer hybrid nanoparticles for effective delivery of methotrexate. <i>RSC Advances</i> , 2015, 5, 62989-62999.	3.6	47
54	Development of a topical adapalene-solid lipid nanoparticle loaded gel with enhanced efficacy and improved skin tolerability. <i>RSC Advances</i> , 2015, 5, 43917-43929.	3.6	46

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55	Novel Gemcitabine Conjugated Albumin Nanoparticles: a Potential Strategy to Enhance Drug Efficacy in Pancreatic Cancer Treatment. <i>Pharmaceutical Research</i> , 2017, 34, 2295-2311.	3.5	46
56	Enhanced dermal delivery of acyclovir using solid lipid nanoparticles. <i>Drug Delivery and Translational Research</i> , 2011, 1, 395-406.	5.8	45
57	Beta carotene-loaded zein nanoparticles to improve the biopharmaceutical attributes and to abolish the toxicity of methotrexate: a preclinical study for breast cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 402-412.	2.8	45
58	Oral Mucosal Immunization Using Glucomannosylated Bilosomes. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 932-947.	1.1	43
59	Î±-Tocopherol as functional excipient for resveratrol and coenzyme Q10-loaded SNEDDS for improved bioavailability and prophylaxis of breast cancer. <i>Journal of Drug Targeting</i> , 2017, 25, 554-565.	4.4	43
60	Tocophersolan stabilized lipid nanocapsules with high drug loading to improve the permeability and oral bioavailability of curcumin. <i>International Journal of Pharmaceutics</i> , 2019, 560, 219-227.	5.2	43
61	Enhanced antitumor efficacy and counterfeited cardiotoxicity of combinatorial oral therapy using Doxorubicin- and Coenzyme Q10-liquid crystalline nanoparticles in comparison with intravenous Adriamycin. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1231-1241.	3.3	42
62	Synthesis, pharmacoscintigraphic evaluation and antitumor efficacy of methotrexate-loaded, folate-conjugated, stealth albumin nanoparticles. <i>Nanomedicine</i> , 2011, 6, 1733-1754.	3.3	39
63	Systematic development of novel cationic self-nanoemulsifying drug delivery systems of candesartan cilexetil with enhanced biopharmaceutical performance. <i>RSC Advances</i> , 2015, 5, 71500-71513.	3.6	39
64	Triple antioxidant SNEDDS formulation with enhanced oral bioavailability: Implication of chemoprevention of breast cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1431-1443.	3.3	39
65	Novel cationic supersaturable nanomicellar systems of raloxifene hydrochloride with enhanced biopharmaceutical attributes. <i>Drug Delivery and Translational Research</i> , 2018, 8, 670-692.	5.8	39
66	Enhanced Topical Delivery of Cyclosporin-A Using PLGA Nanoparticles as Carrier. <i>Current Nanoscience</i> , 2011, 7, 524-530.	1.2	38
67	Surface Chemistry Dependent “Switch” Regulates the Trafficking and Therapeutic Performance of Drug-Loaded Carbon Nanotubes. <i>Bioconjugate Chemistry</i> , 2013, 24, 626-639.	3.6	38
68	Combinatorial bio-conjugation of gemcitabine and curcumin enables dual drug delivery with synergistic anticancer efficacy and reduced toxicity. <i>RSC Advances</i> , 2014, 4, 29193-29201.	3.6	38
69	“Clickable”, Trifunctional Magnetite Nanoparticles and Their Chemoselective Biofunctionalization. <i>Bioconjugate Chemistry</i> , 2011, 22, 1181-1193.	3.6	37
70	Tetanus Toxoids Loaded Glucomannosylated Chitosan Based Nanohoming Vaccine Adjuvant with Improved Oral Stability and Immunostimulatory Response. <i>Pharmaceutical Research</i> , 2015, 32, 122-134.	3.5	37
71	Design, synthesis and biological evaluation of 1,3,6-trisubstituted Î²-carboline derivatives for cytotoxic and anti-leishmanial potential. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 789-794.	2.2	37
72	Active natural oil-based nanoemulsion containing tacrolimus for synergistic antipsoriatic efficacy. <i>Nanomedicine</i> , 2018, 13, 1985-1998.	3.3	37

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73	Improved antitumor efficacy and reduced toxicity of docetaxel using anacardic acid functionalized stealth liposomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 172, 213-223.	5.0	37
74	Comparative assessment of efficacy and safety potential of multifarious lipid based Tacrolimus loaded nanoformulations. <i>International Journal of Pharmaceutics</i> , 2019, 562, 96-104.	5.2	36
75	Tumor microenvironment responsive VEGF-antibody functionalized pH sensitive liposomes of docetaxel for augmented breast cancer therapy. <i>Materials Science and Engineering C</i> , 2021, 121, 111832.	7.3	36
76	Enhanced Transfection Efficiency and Reduced Cytotoxicity of Novel Lipid-Polymer Hybrid Nanoplexes. <i>Molecular Pharmaceutics</i> , 2013, 10, 2416-2425.	4.6	35
77	Improved oral bioavailability and therapeutic efficacy of erlotinib through molecular complexation with phospholipid. <i>International Journal of Pharmaceutics</i> , 2017, 534, 1-13.	5.2	35
78	Improved metabolic stability and therapeutic efficacy of a novel molecular gemcitabine phospholipid complex. <i>International Journal of Pharmaceutics</i> , 2017, 530, 113-127.	5.2	35
79	Chemosensitizer and docetaxel-loaded albumin nanoparticle: overcoming drug resistance and improving therapeutic efficacy. <i>Nanomedicine</i> , 2018, 13, 2759-2776.	3.3	34
80	pH sensitive liposomes assisted specific and improved breast cancer therapy using co-delivery of SIRT1 shRNA and Docetaxel. <i>Materials Science and Engineering C</i> , 2021, 120, 111664.	7.3	34
81	The ligand (s) anchored lipobrid nanoconstruct mediated delivery of methotrexate: an effective approach in breast cancer therapeutics. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 2043-2060.	3.3	33
82	Novel surface-engineered solid lipid nanoparticles of rosuvastatin calcium for low-density lipoprotein-receptor targeting: a Quality by Design-driven perspective. <i>Nanomedicine</i> , 2017, 12, 333-356.	3.3	33
83	Surface engineered nanoliposomal platform for selective lymphatic uptake of asenapine maleate: In vitro and in vivo studies. <i>Materials Science and Engineering C</i> , 2020, 109, 110620.	7.3	33
84	Macromolecular Bipill of Gemcitabine and Methotrexate Facilitates Tumor-Specific Dual Drug Therapy with Higher Benefit-to-Risk Ratio. <i>Bioconjugate Chemistry</i> , 2014, 25, 501-509.	3.6	31
85	Phytantriol Based "Stealth" Lyotropic Liquid Crystalline Nanoparticles for Improved Antitumor Efficacy and Reduced Toxicity of Docetaxel. <i>Pharmaceutical Research</i> , 2015, 32, 3282-3292.	3.5	31
86	"Liquid Crystalline Nanoparticles" Rationally Designed Vehicle To Improve Stability and Therapeutic Efficacy of Insulin Following Oral Administration. <i>Molecular Pharmaceutics</i> , 2017, 14, 1874-1882.	4.6	31
87	Mycophenolate co-administration with quercetin via lipid-polymer hybrid nanoparticles for enhanced breast cancer management. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102147.	3.3	31
88	Cationic ligand appended nanoconstructs: A prospective strategy for brain targeting. <i>International Journal of Pharmaceutics</i> , 2011, 421, 189-201.	5.2	30
89	Long chain fatty acid conjugation remarkably decreases the aggregation induced toxicity of Amphotericin B. <i>International Journal of Pharmaceutics</i> , 2018, 544, 1-13.	5.2	30
90	Facile development of biodegradable polymer-based nanotheranostics: Hydrophobic photosensitizers delivery, fluorescence imaging and photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 193, 39-50.	3.8	30

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91	Solidified Self-Nanoemulsifying Formulation for Oral Delivery of Combinatorial Therapeutic Regimen: Part II In vivo Pharmacokinetics, Antitumor Efficacy and Hepatotoxicity. Pharmaceutical Research, 2014, 31, 946-958.	3.5	29
92	Polyglutamic Acid Functionalization of Chitosan Nanoparticles Enhances the Therapeutic Efficacy of Insulin Following Oral Administration. AAPS PharmSciTech, 2019, 20, 131.	3.3	28
93	Self-Assembled Gold Nanoparticle-Lipid Nanocomposites for On-Demand Delivery, Tumor Accumulation, and Combined Photothermal-Photodynamic Therapy. ACS Applied Bio Materials, 2019, 2, 349-361.	4.6	28
94	Liposomal Delivery of Mycophenolic Acid With Quercetin for Improved Breast Cancer Therapy in SD Rats. Frontiers in Bioengineering and Biotechnology, 2020, 8, 631.	4.1	28
95	Folate appended chitosan nanoparticles augment the stability, bioavailability and efficacy of insulin in diabetic rats following oral administration. RSC Advances, 2015, 5, 105179-105193.	3.6	27
96	Highly respirable dry powder inhalable formulation of voriconazole with enhanced pulmonary bioavailability. Expert Opinion on Drug Delivery, 2016, 13, 183-193.	5.0	27
97	Improved Stability and Enhanced Oral Bioavailability of Atorvastatin Loaded Stearic Acid Modified Gelatin Nanoparticles. Pharmaceutical Research, 2017, 34, 1505-1516.	3.5	27
98	Lyotropic Liquid Crystalline Nanoparticles of CoQ10: Implication of Lipase Digestibility on Oral Bioavailability, <i>in Vivo</i> antioxidant activity, and <i>in Vitro</i> <i>in Vivo</i> Relationships. Molecular Pharmaceutics, 2014, 11, 1435-1449.	4.6	26
99	Cyclosporine A loaded self-nanoemulsifying drug delivery system (SNEDDS): implication of a functional excipient based co-encapsulation strategy on oral bioavailability and nephrotoxicity. RSC Advances, 2015, 5, 49633-49642.	3.6	26
100	Codelivery of benzoyl peroxide & adapalene using modified liposomal gel for improved acne therapy. Nanomedicine, 2018, 13, 1481-1493.	3.3	26
101	Drug-Lipid Conjugates for Enhanced Oral Drug Delivery. AAPS PharmSciTech, 2019, 20, 41.	3.3	26
102	Insulin- and quercetin-loaded liquid crystalline nanoparticles: implications on oral bioavailability, antidiabetic and antioxidant efficacy. Nanomedicine, 2018, 13, 521-537.	3.3	25
103	Asenapine maleate-loaded nanostructured lipid carriers: optimization and <i>in vitro</i> , <i>ex vivo</i> and <i>in vivo</i> evaluations. Nanomedicine, 2019, 14, 889-910.	3.3	25
104	Exploring the Promising Potential of High Permeation Vesicle-Mediated Localized Transdermal Delivery of Docetaxel in Breast Cancer To Overcome the Limitations of Systemic Chemotherapy. Molecular Pharmaceutics, 2020, 17, 2473-2486.	4.6	25
105	Improved Oral Bioavailability, Therapeutic Efficacy, and Reduced Toxicity of Tamoxifen-Loaded Liquid Crystalline Nanoparticles. AAPS PharmSciTech, 2018, 19, 460-469.	3.3	24
106	Exploration of docetaxel palmitate and its solid lipid nanoparticles as a novel option for alleviating the rising concern of multi-drug resistance. International Journal of Pharmaceutics, 2020, 578, 119088.	5.2	24
107	Co-administration of zinc phthalocyanine and quercetin via hybrid nanoparticles for augmented photodynamic therapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 33, 102368.	3.3	24
108	Exploring the potential of novel pH sensitive lipoplexes for tumor targeted gene delivery with reduced toxicity. International Journal of Pharmaceutics, 2020, 573, 118889.	5.2	23

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109	Coenzyme Q10 and retinaldehyde co-loaded nanostructured lipid carriers for efficacy evaluation in wrinkles. <i>Journal of Drug Targeting</i> , 2018, 26, 333-344.	4.4	22
110	Synthesis and Biological Evaluation of 8-Hydroxyquinoline-Hydrazones for Anti-HIV-1 and Anticancer Potential. <i>ChemistrySelect</i> , 2018, 3, 10727-10731.	1.5	22
111	Improved Oral Bioavailability and Gastrointestinal Stability of Amphotericin B through Fatty Acid Conjugation Approach. <i>Molecular Pharmaceutics</i> , 2019, 16, 4519-4529.	4.6	22
112	pH triggered and charge attracted nanogel for simultaneous evaluation of penetration and toxicity against skin cancer: In-vitro and ex-vivo study. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 740-751.	7.5	22
113	Trilateral '3P' Mechanics of Stabilized Layersomes Technology for Efficient Oral Immunization. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 363-381.	1.1	21
114	Lyotropic Liquid Crystalline Nanoparticles of Amphotericin B: Implication of Phytantriol and Glyceryl Monooleate on Bioavailability Enhancement. <i>AAPS PharmSciTech</i> , 2018, 19, 1699-1711.	3.3	20
115	On Absorption Modeling and Food Effect Prediction of Rivaroxaban, a BCS II Drug Orally Administered as an Immediate-Release Tablet. <i>Pharmaceutics</i> , 2021, 13, 283.	4.5	20
116	Surfactant-assisted dispersion of carbon nanotubes: mechanism of stabilization and biocompatibility of the surfactant. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	19
117	Effect of co-administration of CoQ10-loaded nanoparticles on the efficacy and cardiotoxicity of doxorubicin-loaded nanoparticles. <i>RSC Advances</i> , 2013, 3, 14671.	3.6	18
118	C-Type lectin receptor(s)-targeted nanoliposomes: an intelligent approach for effective cancer immunotherapy. <i>Nanomedicine</i> , 2017, 12, 1945-1959.	3.3	18
119	Design and Toxicity Evaluation of Novel Fatty Acid-Amino Acid-Based Biocompatible Surfactants. <i>AAPS PharmSciTech</i> , 2019, 20, 186.	3.3	18
120	Exploring an interesting dual functionality of anacardic acid for efficient paclitaxel delivery in breast cancer therapy. <i>Nanomedicine</i> , 2019, 14, 57-75.	3.3	18
121	Implication of linker length on cell cytotoxicity, pharmacokinetic and toxicity profile of gemcitabine-docetaxel combinatorial dual drug conjugate. <i>International Journal of Pharmaceutics</i> , 2018, 548, 357-374.	5.2	17
122	Succinylated Î²-Lactoglobuline-Functionalized Multiwalled Carbon Nanotubes with Improved Colloidal Stability and Biocompatibility. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 3361-3372.	5.2	17
123	Light-assisted anticancer photodynamic therapy using porphyrin-doped nanoencapsulates. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 220, 112209.	3.8	17
124	Tetanus toxoid-loaded layer-by-layer nanoassemblies for efficient systemic, mucosal, and cellular immunostimulatory response following oral administration. <i>Drug Delivery and Translational Research</i> , 2015, 5, 498-510.	5.8	16
125	Development of dual toxoid-loaded layersomes for complete immunostimulatory response following peroral administration. <i>Nanomedicine</i> , 2015, 10, 1077-1091.	3.3	14
126	Development of voriconazole loaded large porous particles for inhalation delivery: effect of surface forces on aerosolisation performance, assessment of in vitro safety potential and uptake by macrophages. <i>RSC Advances</i> , 2015, 5, 38030-38043.	3.6	14

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127	Lipid and Biosurfactant Based Core-Shell-Type Nanocapsules Having High Drug Loading of Paclitaxel for Improved Breast Cancer Therapy. ACS Biomaterials Science and Engineering, 2020, 6, 6760-6769.	5.2	14
128	Efficient Tumor Targeting by Polysaccharide Decked Polyethylenimine Based Nanocomposites. Journal of Biomedical Nanotechnology, 2009, 5, 264-277.	1.1	13
129	Preparation and characterization of niosomal gel for iontophoresis mediated transdermal delivery of isosorbide dinitrate. Drug Delivery and Translational Research, 2011, 1, 309-321.	5.8	13
130	An investigation of surface properties, local elastic modulus and interaction with simulated pulmonary surfactant of surface modified inhalable voriconazole dry powders using atomic force microscopy. RSC Advances, 2016, 6, 25789-25798.	3.6	12
131	Amphotericin B Loaded Chitosan Nanoparticles: Implication of Bile Salt Stabilization on Gastrointestinal Stability, Permeability and Oral Bioavailability. AAPS PharmSciTech, 2018, 19, 3152-3164.	3.3	12
132	Novel biosurfactant and lipid core-shell type nanocapsular sustained release system for intravenous application of methotrexate. International Journal of Pharmaceutics, 2019, 557, 86-96.	5.2	12
133	Evolution of the microstructure and the drug release upon annealing the drug loaded lipid-surfactant microspheres. European Journal of Pharmaceutical Sciences, 2020, 147, 105278.	4.0	11
134	Mathematical models for the oxidative functionalization of multiwalled carbon nanotubes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 419, 156-165.	4.7	10
135	Quantitative Chemical Profiling of Commercial Glyceride Excipients via 1H NMR Spectroscopy. AAPS PharmSciTech, 2021, 22, 11.	3.3	10
136	Supersaturable self-emulsifying drug delivery system: A strategy for improving the loading and oral bioavailability of quercetin. Journal of Drug Delivery Science and Technology, 2022, 71, 103289.	3.0	10
137	Enhanced stability and oral bioavailability of erlotinib by solid self nano emulsifying drug delivery systems. International Journal of Pharmaceutics, 2022, 622, 121852.	5.2	10
138	Glycine-Poly-L-Lactic Acid Copolymeric Nanoparticles for the Efficient Delivery of Bortezomib. Pharmaceutical Research, 2019, 36, 160.	3.5	9
139	Lipid and TPGS based novel core-shell type nanocapsular sustained release system of methotrexate for intravenous application. Colloids and Surfaces B: Biointerfaces, 2019, 174, 501-510.	5.0	9
140	Discovering pH triggered charge rebound surface modulated topical nanotherapy against aggressive skin papilloma. Materials Science and Engineering C, 2020, 107, 110263.	7.3	8
141	Exploring protein stabilized multiple emulsion with permeation enhancer for oral delivery of insulin. International Journal of Biological Macromolecules, 2021, 167, 491-501.	7.5	8
142	Estradiol functionalized multi-walled carbon nanotubes as renovated strategy for efficient gene delivery. RSC Advances, 2016, 6, 10792-10801.	3.6	7
143	Feasibility of rapidly assessing reactive impurities mediated excipient incompatibility using a new method: A case study of famotidine-PEG system. Journal of Pharmaceutical and Biomedical Analysis, 2020, 178, 112893.	2.8	7
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