

Varun Kushwah

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2699450/publications.pdf>

Version: 2024-02-01

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	Partial inclusion complex assisted crosslinked β -cyclodextrin nanoparticles for improving therapeutic potential of docetaxel against breast cancer. Drug Delivery and Translational Research, 2022, 12, 562-576.	5.8	6
2	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
3	Phase Behavior of Drug-Lipid-Surfactant Ternary Systems toward Understanding the Annealing-Induced Change. Molecular Pharmaceutics, 2022, 19, 532-546.	4.6	3
4	Quantitative chemical profiling of cellulose acetate excipient via ^{13}C NMR spectroscopy in controlled release formulations. Journal of Pharmaceutical and Biomedical Analysis, 2022, 217, 114791.	2.8	1
5	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
6	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
7	Quantitative Chemical Profiling of Commercial Glyceride Excipients via ^1H NMR Spectroscopy. AAPS PharmSciTech, 2021, 22, 11.	3.3	10
8	pH sensitive liposomes assisted specific and improved breast cancer therapy using co-delivery of SIRT1 shRNA and Docetaxel. Materials Science and Engineering C, 2021, 120, 111664.	7.3	34
9	Magnetically responsive delivery into tumor environment. , 2021, , 59-87.		0
10	Hepatic cancer targeting. , 2021, , 383-392.		0
11	Targeting breast cancer. , 2021, , 341-350.		0
12	Pancreatic cancer: Removing extracellular matrix barrier in delivery. , 2021, , 421-438.		0
13	In vivo animal models for cancer: What have we learned from chemical-induced and xenograft models. , 2021, , 611-630.		0
14	Interplay of Aging and Lot-to-Lot Variability on the Physical and Chemical Properties of Excipients: A Case Study of Mono- and Diglycerides. Molecular Pharmaceutics, 2021, 18, 862-877.	4.6	6
15	On Absorption Modeling and Food Effect Prediction of Rivaroxaban, a BCS II Drug Orally Administered as an Immediate-Release Tablet. Pharmaceutics, 2021, 13, 283.	4.5	20
16	Tumor microenvironment responsive VEGF-antibody functionalized pH sensitive liposomes of docetaxel for augmented breast cancer therapy. Materials Science and Engineering C, 2021, 121, 111832.	7.3	36
17	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
18	Light-assisted anticancer photodynamic therapy using porphyrin-doped nanoencapsulates. Journal of Photochemistry and Photobiology B: Biology, 2021, 220, 112209.	3.8	17

#	ARTICLE	IF	CITATIONS
19	Green surfactant-dendrimer aggreplexes: An ingenious way to launch dual attack on arch-enemy cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 204, 111821.	5.0	5
20	Preparation and Characterization of 5-Fluorouracil Loaded Nanogels for Skin Cancer Treatments: In Vitro Drug Release, Cytotoxicity and Cellular Uptake Analysis. <i>Current Nanomedicine</i> , 2021, 11, 127-138.	0.6	1
21	Lung cancer: Improving efficacy and reducing side effects. , 2021, , 351-371.		0
22	Ligands used for tumor targeting. , 2021, , 89-111.		0
23	Cell-penetrating peptides in cancer targeting. , 2021, , 201-220.		1
24	Solid tumor: Addressing the problems associated. , 2021, , 393-419.		0
25	Solid lipid nanoparticles and nanostructured lipid carrier-based nanotherapeutics for the treatment of psoriasis. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1857-1872.	5.0	5
26	Feasibility of rapidly assessing reactive impurities mediated excipient incompatibility using a new method: A case study of famotidine-PEG system. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112893.	2.8	7
27	Discovering pH triggered charge rebound surface modulated topical nanotherapy against aggressive skin papilloma. <i>Materials Science and Engineering C</i> , 2020, 107, 110263.	7.3	8
28	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
29	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
30	Exploring the potential of novel pH sensitive lipoplexes for tumor targeted gene delivery with reduced toxicity. <i>International Journal of Pharmaceutics</i> , 2020, 573, 118889.	5.2	23
31	Lipid and Biosurfactant Based Core-Shell-Type Nanocapsules Having High Drug Loading of Paclitaxel for Improved Breast Cancer Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6760-6769.	5.2	14
32	Towards an Understanding of the Adsorption of Vaporized Hydrogen Peroxide (VHP) Residues on Glass Vials After a VHP Decontamination Process Using a Miniaturized Tool. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 2454-2463.	3.3	5
33	Exploring the Promising Potential of High Permeation Vesicle-Mediated Localized Transdermal Delivery of Docetaxel in Breast Cancer To Overcome the Limitations of Systemic Chemotherapy. <i>Molecular Pharmaceutics</i> , 2020, 17, 2473-2486.	4.6	25
34	Evolution of the microstructure and the drug release upon annealing the drug loaded lipid-surfactant microspheres. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 147, 105278.	4.0	11
35	Liposomal Delivery of Mycophenolic Acid With Quercetin for Improved Breast Cancer Therapy in SD Rats. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 631.	4.1	28
36	Exploration of docetaxel palmitate and its solid lipid nanoparticles as a novel option for alleviating the rising concern of multi-drug resistance. <i>International Journal of Pharmaceutics</i> , 2020, 578, 119088.	5.2	24

#	ARTICLE	IF	CITATIONS
37	Mechanistic insights into high permeation vesicle-mediated synergistic enhancement of transdermal drug permeation. <i>Nanomedicine</i> , 2019, 14, 2227-2241.	3.3	3
38	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
39	Glycine-Poly-L-Lactic Acid Copolymeric Nanoparticles for the Efficient Delivery of Bortezomib. <i>Pharmaceutical Research</i> , 2019, 36, 160.	3.5	9
40	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
41	Succinylated β -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
42	Design and Toxicity Evaluation of Novel Fatty Acid-Amino Acid-Based Biocompatible Surfactants. <i>AAPS PharmSciTech</i> , 2019, 20, 186.	3.3	18
43	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
44	Development, characterization and ex vivo assessment of lipid-polymer based nanocomposite(s) as a potential carrier for site-specific delivery of immunogenic molecules. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 51, 310-319.	3.0	3
45	Asenapine maleate-loaded nanostructured lipid carriers: optimization and <i>in vitro</i> , <i>in vivo</i> evaluations. <i>Nanomedicine</i> , 2019, 14, 889-910.	3.3	25
46	Polyglutamic Acid Functionalization of Chitosan Nanoparticles Enhances the Therapeutic Efficacy of Insulin Following Oral Administration. <i>AAPS PharmSciTech</i> , 2019, 20, 131.	3.3	28
47	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
48	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
49	Novel biosurfactant and lipid core-shell type nanocapsular sustained release system for intravenous application of methotrexate. <i>International Journal of Pharmaceutics</i> , 2019, 557, 86-96.	5.2	12
50	Lipid and TPGS based novel core-shell type nanocapsular sustained release system of methotrexate for intravenous application. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 501-510.	5.0	9
51	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
52	Drug-Phospholipid Complex—a Go Through Strategy for Enhanced Oral Bioavailability. <i>AAPS PharmSciTech</i> , 2019, 20, 43.	3.3	57
53	Drug—Lipid Conjugates for Enhanced Oral Drug Delivery. <i>AAPS PharmSciTech</i> , 2019, 20, 41.	3.3	26
54	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

#	ARTICLE	IF	CITATIONS
55	Self-Assembled Gold Nanoparticle-Lipid Nanocomposites for On-Demand Delivery, Tumor Accumulation, and Combined Photothermal-Photodynamic Therapy. <i>ACS Applied Bio Materials</i> , 2019, 2, 349-361.	4.6	28
56	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
57	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
58	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
59	Insulin- and quercetin-loaded liquid crystalline nanoparticles: implications on oral bioavailability, antidiabetic and antioxidant efficacy. <i>Nanomedicine</i> , 2018, 13, 521-537.	3.3	25
60	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
61	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
62	Lytropic Liquid Crystalline Nanoparticles of Amphotericin B: Implication of Phytantriol and Glycerol Monooleate on Bioavailability Enhancement. <i>AAPS PharmSciTech</i> , 2018, 19, 1699-1711.	3.3	20
63	Îu-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
64	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
65	Improved Oral Bioavailability, Therapeutic Efficacy, and Reduced Toxicity of Tamoxifen-Loaded Liquid Crystalline Nanoparticles. <i>AAPS PharmSciTech</i> , 2018, 19, 460-469.	3.3	24
66	Chemosensitizer and docetaxel-loaded albumin nanoparticle: overcoming drug resistance and improving therapeutic efficacy. <i>Nanomedicine</i> , 2018, 13, 2759-2776.	3.3	34
67	Synthesis and Biological Evaluation of 8-Hydroxyquinoline-Hydrazone for Anti-HIV and Anticancer Potential. <i>ChemistrySelect</i> , 2018, 3, 10727-10731.	1.5	22
68	Active natural oil-based nanoemulsion containing tacrolimus for synergistic antipsoriatic efficacy. <i>Nanomedicine</i> , 2018, 13, 1985-1998.	3.3	37
69	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
70	Codelivery of benzoyl peroxide & adapalene using modified liposomal gel for improved acne therapy. <i>Nanomedicine</i> , 2018, 13, 1481-1493.	3.3	26
71	Release promoter-based systematically designed nanocomposite(s): a novel approach for site-specific delivery of tumor-associated antigen(s) (TAAs). <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 776-789.	2.8	6
72	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

#	ARTICLE	IF	CITATIONS
73	Amphotericin B Loaded Chitosan Nanoparticles: Implication of Bile Salt Stabilization on Gastrointestinal Stability, Permeability and Oral Bioavailability. <i>AAPS PharmSciTech</i> , 2018, 19, 3152-3164.	3.3	12
74	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
75	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
76	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
77	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
78	Nanostructured lipid carriers of olmesartan medoxomil with enhanced oral bioavailability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 154, 10-20.	5.0	55
79	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
80	Improved Stability and Enhanced Oral Bioavailability of Atorvastatin Loaded Stearic Acid Modified Gelatin Nanoparticles. <i>Pharmaceutical Research</i> , 2017, 34, 1505-1516.	3.5	27
81	“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
82	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
83	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
84	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
85	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
86	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
87	C-Type lectin receptor(s)-targeted nanoliposomes: an intelligent approach for effective cancer immunotherapy. <i>Nanomedicine</i> , 2017, 12, 1945-1959.	3.3	18
88	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
89	pH responsive biodegradable nanogels for sustained release of bleomycin. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 4595-4613.	3.0	59
90	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

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	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
94	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. <i>RSC Advances</i> , 2016, 6, 25789-25798.	3.6	12
95	Novel drug delivery system: an immense hope for diabetics. <i>Drug Delivery</i> , 2016, 23, 2371-2390.	5.7	63
96	Estradiol functionalized multi-walled carbon nanotubes as renovated strategy for efficient gene delivery. <i>RSC Advances</i> , 2016, 6, 10792-10801.	3.6	7
97	Highly respirable dry powder inhalable formulation of voriconazole with enhanced pulmonary bioavailability. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 183-193.	5.0	27
98	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
99	Design, synthesis and biological evaluation of 1,3,6-trisubstituted $\hat{1}^2$ -carboline derivatives for cytotoxic and anti-leishmanial potential. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 789-794.	2.2	37
100	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
101	Cyclosporine A loaded self-nanoemulsifying drug delivery system (SNEDDS): implication of a functional excipient based co-encapsulation strategy on oral bioavailability and nephrotoxicity. <i>RSC Advances</i> , 2015, 5, 49633-49642.	3.6	26
102	Folate appended chitosan nanoparticles augment the stability, bioavailability and efficacy of insulin in diabetic rats following oral administration. <i>RSC Advances</i> , 2015, 5, 105179-105193.	3.6	27
103	Trilateral '3P' Mechanics of Stabilized Layersomes Technology for Efficient Oral Immunization. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 363-381.	1.1	21
104	Recent Advances in Tumor Targeting Approaches. <i>Advances in Delivery Science and Technology</i> , 2015, , 41-112.	0.4	6
105	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
106	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
107	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
108	Development of dual toxoid-loaded layersomes for complete immunostimulatory response following peroral administration. <i>Nanomedicine</i> , 2015, 10, 1077-1091.	3.3	14

#	ARTICLE	IF	CITATIONS
109	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
110	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
111	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
112	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
113	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
114	Multifunctional Polymeric Nano-Carriers in Targeted Drug Delivery. <i>Advances in Delivery Science and Technology</i> , 2015, , 461-500.	0.4	4
115	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
116	Synthesis and biological evaluation of 1,3,6-trisubstituted β -carboline derivatives for cytotoxic and anti-leishmanial potential. <i>Planta Medica</i> , 2015, 81, .	1.3	2
117	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
118	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
119	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
120	Solidified Self-Nanoemulsifying Formulation for Oral Delivery of Combinatorial Therapeutic Regimen: Part II In vivo Pharmacokinetics, Antitumor Efficacy and Hepatotoxicity. <i>Pharmaceutical Research</i> , 2014, 31, 946-958.	3.5	29
121	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
122	Improved Stability and Antidiabetic Potential of Insulin Containing Folic Acid Functionalized Polymer Stabilized Multilayered Liposomes Following Oral Administration. <i>Biomacromolecules</i> , 2014, 15, 350-360.	5.4	141
123	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
124	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
125	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
126	Development of stabilized glucomannosylated chitosan nanoparticles using tandem crosslinking method for oral vaccine delivery. <i>Nanomedicine</i> , 2014, 9, 2511-2529.	3.3	55

#	ARTICLE	IF	CITATIONS
127	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
128	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. <i>Molecular Pharmaceutics</i> , 2014, 11, 1435-1449.	4.6	26
129	Oral Mucosal Immunization Using Glucomannosylated Bilosomes. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 932-947.	1.1	43
130	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
131	Co-encapsulation of Tamoxifen and Quercetin in Polymeric Nanoparticles: Implications on Oral Bioavailability, Antitumor Efficacy, and Drug-Induced Toxicity. <i>Molecular Pharmaceutics</i> , 2013, 10, 3459-3474.	4.6	210
132	Intranuclear Drug Delivery and Effective <i>in Vivo</i> Cancer Therapy via Estradiol-PEG-Appended Multiwalled Carbon Nanotubes. <i>Molecular Pharmaceutics</i> , 2013, 10, 3404-3416.	4.6	50
133	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
134	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
135	Mathematical models for the oxidative functionalization of multiwalled carbon nanotubes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 419, 156-165.	4.7	10
136	Enhanced Transfection Efficiency and Reduced Cytotoxicity of Novel Lipid-Polymer Hybrid Nanoplexes. <i>Molecular Pharmaceutics</i> , 2013, 10, 2416-2425.	4.6	35
137	Oral delivery of anticancer drugs: Challenges and opportunities. <i>Journal of Controlled Release</i> , 2013, 170, 15-40.	9.9	403
138	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
139	Novel self-emulsifying formulation of quercetin for improved <i>in vivo</i> antioxidant potential: Implications for drug-induced cardiotoxicity and nephrotoxicity. <i>Free Radical Biology and Medicine</i> , 2013, 65, 117-130.	2.9	94
140	Oral Delivery of Doxorubicin Using Novel Polyelectrolyte-Stabilized Liposomes (Layersomes). <i>Molecular Pharmaceutics</i> , 2012, 9, 2626-2635.	4.6	137
141	Gelatin Coated Hybrid Lipid Nanoparticles for Oral Delivery of Amphotericin B. <i>Molecular Pharmaceutics</i> , 2012, 9, 2542-2553.	4.6	113
142	Hyaluronate Tethered, "Smart" Multiwalled Carbon Nanotubes for Tumor-Targeted Delivery of Doxorubicin. <i>Bioconjugate Chemistry</i> , 2012, 23, 2201-2213.	3.6	127
143	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
144	Folate-decorated PLGA nanoparticles as a rationally designed vehicle for the oral delivery of insulin. <i>Nanomedicine</i> , 2012, 7, 1311-1337.	3.3	148

#	ARTICLE	IF	CITATIONS
145	<i>In situ</i> gel systems as "smart" carriers for sustained ocular drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2012, 9, 383-402.	5.0	162
146	Polyelectrolyte stabilized multilayered liposomes for oral delivery of paclitaxel. <i>Biomaterials</i> , 2012, 33, 6758-6768.	11.4	159
147	Synthesis, pharmacoscintigraphic evaluation and antitumor efficacy of methotrexate-loaded, folate-conjugated, stealth albumin nanoparticles. <i>Nanomedicine</i> , 2011, 6, 1733-1754.	3.3	39
148	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
149	"Clickable", Trifunctional Magnetite Nanoparticles and Their Chemoselective Biofunctionalization. <i>Bioconjugate Chemistry</i> , 2011, 22, 1181-1193.	3.6	37
150	Solid lipid nanoparticles: an oral bioavailability enhancer vehicle. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 1407-1424.	5.0	221
151	Cationic ligand appended nanoconstructs: A prospective strategy for brain targeting. <i>International Journal of Pharmaceutics</i> , 2011, 421, 189-201.	5.2	30
152	Oral bioavailability, therapeutic efficacy and reactive oxygen species scavenging properties of coenzyme Q10-loaded polymeric nanoparticles. <i>Biomaterials</i> , 2011, 32, 6860-6874.	11.4	137
153	Toxicity of Multiwalled Carbon Nanotubes with End Defects Critically Depends on Their Functionalization Density. <i>Chemical Research in Toxicology</i> , 2011, 24, 2028-2039.	3.3	153
154	Preparation and characterization of niosomal gel for iontophoresis mediated transdermal delivery of isosorbide dinitrate. <i>Drug Delivery and Translational Research</i> , 2011, 1, 309-321.	5.8	13
155	Enhanced dermal delivery of acyclovir using solid lipid nanoparticles. <i>Drug Delivery and Translational Research</i> , 2011, 1, 395-406.	5.8	45
156	The effect of the oral administration of polymeric nanoparticles on the efficacy and toxicity of tamoxifen. <i>Biomaterials</i> , 2011, 32, 503-515.	11.4	215
157	Enhanced Topical Delivery of Cyclosporin-A Using PLGA Nanoparticles as Carrier. <i>Current Nanoscience</i> , 2011, 7, 524-530.	1.2	38
158	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
159	The intracellular drug delivery and anti tumor activity of doxorubicin loaded poly(³ -benzyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	11.4	310
160	Cyclosporin A Loaded PLGA Nanoparticle: Preparation, Optimization, In-Vitro Characterization and Stability Studies. <i>Current Nanoscience</i> , 2010, 6, 422-431.	1.2	49
161	Carbon nanotubes in cancer theragnosis. <i>Nanomedicine</i> , 2010, 5, 1277-1301.	3.3	113
162	Gene Expression, Biodistribution, and Pharmacoscintigraphic Evaluation of Chondroitin Sulfate~PEI Nanoconstructs Mediated Tumor Gene Therapy. <i>ACS Nano</i> , 2009, 3, 1493-1505.	14.6	111

#	ARTICLE	IF	CITATIONS
163	Efficient Tumor Targeting by Polysaccharide Decked Polyethylenimine Based Nanocomposites. Journal of Biomedical Nanotechnology, 2009, 5, 264-277.	1.1	13
164	Mannosylated Niosomes as Adjuvant-Carrier System for Oral Mucosal Immunization. Journal of Liposome Research, 2006, 16, 331-345.	3.3	64
165	Mannosylated niosomes as adjuvant carrier system for oral genetic immunization against Hepatitis B. Immunology Letters, 2005, 101, 41-49.	2.5	143
166	Liposomes Modified with Cyclic RGD Peptide for Tumor Targeting. Journal of Drug Targeting, 2004, 12, 257-264.	4.4	134