

Sanyog Jain

List of Publications by Year in descending order

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169
papers

9,037
citations

31976

53
h-index

49909

87
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169
all docs

169
docs citations

169
times ranked

10284
citing authors

#	ARTICLE	IF	CITATIONS
1	Oral delivery of anticancer drugs: Challenges and opportunities. <i>Journal of Controlled Release</i> , 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	Design of liposomal aerosols for improved delivery of rifampicin to alveolar macrophages. <i>International Journal of Pharmaceutics</i> , 2004, 269, 37-49.	5.2	230
4	Solid lipid nanoparticles: an oral bioavailability enhancer vehicle. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 1407-1424.	5.0	221
5	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
6	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
7	Non-invasive vaccine delivery in transfersomes, niosomes and liposomes: a comparative study. <i>International Journal of Pharmaceutics</i> , 2005, 293, 73-82.	5.2	197
8	<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
9	Polyelectrolyte stabilized multilayered liposomes for oral delivery of paclitaxel. <i>Biomaterials</i> , 2012, 33, 6758-6768.	11.4	159
10	RGD-anchored magnetic liposomes for monocytes/neutrophils-mediated brain targeting. <i>International Journal of Pharmaceutics</i> , 2003, 261, 43-55.	5.2	153
11	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
12	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
13	Mannosylated niosomes as adjuvant carrier system for oral genetic immunization against Hepatitis B. <i>Immunology Letters</i> , 2005, 101, 41-49.	2.5	143
14	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
15	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
16	Oral Delivery of Doxorubicin Using Novel Polyelectrolyte-Stabilized Liposomes (Layersomes). <i>Molecular Pharmaceutics</i> , 2012, 9, 2626-2635.	4.6	137
17	Liposomes Modified with Cyclic RGD Peptide for Tumor Targeting. <i>Journal of Drug Targeting</i> , 2004, 12, 257-264.	4.4	134
18	Non-ionic surfactant based vesicles (niosomes) for non-invasive topical genetic immunization against hepatitis B. <i>International Journal of Pharmaceutics</i> , 2005, 296, 80-86.	5.2	134

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19	Sustained Ocular Drug Delivery from a Temperature and pH Triggered Novel In Situ Gel System. Drug Delivery, 2007, 14, 507-515.	5.7	132
20	Hyaluronate Tethered, "Smart" Multiwalled Carbon Nanotubes for Tumor-Targeted Delivery of Doxorubicin. Bioconjugate Chemistry, 2012, 23, 2201-2213.	3.6	127
21	Development and characterization of hyaluronic acid "anchored PLGA nanoparticulate carriers of doxorubicin. Nanomedicine: Nanotechnology, Biology, and Medicine, 2007, 3, 246-257.	3.3	126
22	Carbon nanotubes in cancer theragnosis. Nanomedicine, 2010, 5, 1277-1301.	3.3	113
23	Gelatin Coated Hybrid Lipid Nanoparticles for Oral Delivery of Amphotericin B. Molecular Pharmaceutics, 2012, 9, 2542-2553.	4.6	113
24	Gene Expression, Biodistribution, and Pharmacoscintigraphic Evaluation of Chondroitin Sulfate~PEI Nanoconstructs Mediated Tumor Gene Therapy. ACS Nano, 2009, 3, 1493-1505.	14.6	111
25	Augmented Anticancer Activity of a Targeted, Intracellularly Activatable, Theranostic Nanomedicine Based on Fluorescent and Radiolabeled, Methotrexate-Folic Acid-Multiwalled Carbon Nanotube Conjugate. Molecular Pharmaceutics, 2013, 10, 2543-2557.	4.6	110
26	Potential of erlotinib cyclodextrin nanosponge complex to enhance solubility, dissolution rate, in vitro cytotoxicity and oral bioavailability. Carbohydrate Polymers, 2016, 137, 339-349.	10.2	109
27	Engineered PLGA Nanoparticles: An Emerging Delivery Tool in Cancer Therapeutics. Critical Reviews in Therapeutic Drug Carrier Systems, 2011, 28, 1-45.	2.2	102
28	Ion- and pH-activated novel in-situ gel system for sustained ocular drug delivery. Journal of Drug Targeting, 2010, 18, 499-505.	4.4	97
29	Novel self-emulsifying formulation of quercetin for improved in vivo antioxidant potential: Implications for drug-induced cardiotoxicity and nephrotoxicity. Free Radical Biology and Medicine, 2013, 65, 117-130.	2.9	94
30	Solid lipid nanoparticles-loaded topical gel containing combination drugs: an approach to offset psoriasis. Expert Opinion on Drug Delivery, 2014, 11, 1833-1847.	5.0	89
31	Preparation and characterization of HA~PEG~PCL intelligent core~corona nanoparticles for delivery of doxorubicin. Journal of Drug Targeting, 2008, 16, 464-478.	4.4	88
32	Solid lipid nanoparticles and nanostructured lipid carrier-based nanotherapeutics in treatment of psoriasis: a comparative study. Expert Opinion on Drug Delivery, 2017, 14, 165-177.	5.0	88
33	Improved stability and immunological potential of tetanus toxoid containing surface engineered bilosomes following oral administration. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 431-440.	3.3	85
34	Fucose decorated solid-lipid nanocarriers mediate efficient delivery of methotrexate in breast cancer therapeutics. Colloids and Surfaces B: Biointerfaces, 2016, 146, 114-126.	5.0	83
35	Co-delivery of docetaxel and gemcitabine by anacardic acid modified self-assembled albumin nanoparticles for effective breast cancer management. Acta Biomaterialia, 2018, 73, 424-436.	8.3	83
36	Augmented Anticancer Efficacy of Doxorubicin-Loaded Polymeric Nanoparticles after Oral Administration in a Breast Cancer Induced Animal Model. Molecular Pharmaceutics, 2011, 8, 1140-1151.	4.6	81

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37	Cell-penetrating peptides (CPPs): an overview of applications for improving the potential of nanotherapeutics. <i>Biomaterials Science</i> , 2021, 9, 1153-1188.	5.4	77
38	Cholera toxin B subunit conjugated bile salt stabilized vesicles (bilosomes) for oral immunization. <i>International Journal of Pharmaceutics</i> , 2004, 278, 379-390.	5.2	76
39	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
40	Development and characterization of emulsomes for sustained and targeted delivery of an antiviral agent to liver. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 58, 321-326.	2.4	71
41	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
42	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
43	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
44	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
45	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
46	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
47	Mannosylated Niosomes as Adjuvant-Carrier System for Oral Mucosal Immunization. <i>Journal of Liposome Research</i> , 2006, 16, 331-345.	3.3	64
48	Development and characterization of hyaluronic acid decorated PLGA nanoparticles for delivery of 5-fluorouracil. <i>Drug Delivery</i> , 2010, 17, 561-572.	5.7	63
49	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
50	Investigations on biodistribution of technetium-99m-labeled carbohydrate-coated poly(propylene) Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50	3.3	57
51	Drug-Phospholipid Complex—a Go Through Strategy for Enhanced Oral Bioavailability. <i>AAPS PharmSciTech</i> , 2019, 20, 43.	3.3	57
52	Development of stabilized glucomannosylated chitosan nanoparticles using tandem crosslinking method for oral vaccine delivery. <i>Nanomedicine</i> , 2014, 9, 2511-2529.	3.3	55
53	Nanostructured lipid carriers of olmesartan medoxomil with enhanced oral bioavailability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 154, 10-20.	5.0	55
54	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

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55	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
56	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
57	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
58	Polyelectrolyte Coated Multilayered Liposomes (Nanocapsules) for the Treatment of Helicobacter pylori Infection. <i>Molecular Pharmaceutics</i> , 2009, 6, 593-603.	4.6	49
59	Cyclosporin A Loaded PLGA Nanoparticle: Preparation, Optimization, In-Vitro Characterization and Stability Studies. <i>Current Nanoscience</i> , 2010, 6, 422-431.	1.2	49
60	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
61	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
62	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
63	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
64	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
65	Chondroitin Sulfate: Emerging biomaterial for biopharmaceutical purpose and tissue engineering. <i>Carbohydrate Polymers</i> , 2022, 286, 119305.	10.2	45
66	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
67	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
68	Radiolabeling, pharmacoscintigraphic evaluation and antiretroviral efficacy of stavudine loaded ^{99m} Tc labeled galactosylated liposomes. <i>European Journal of Pharmaceutical Sciences</i> , 2008, 33, 271-281.	4.0	42
69	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
70	Synthesis, pharmacoscintigraphic evaluation and antitumor efficacy of methotrexate-loaded, folate-conjugated, stealth albumin nanoparticles. <i>Nanomedicine</i> , 2011, 6, 1733-1754.	3.3	39
71	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
72	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

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73	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
74	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
75	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
76	Development and Characterization of ^{99m} Tc-timolol Maleate for Evaluating Efficacy of In Situ Ocular Drug Delivery System. <i>AAPS PharmSciTech</i> , 2009, 10, 540-546.	3.3	37
77	"Clickable", Trifunctional Magnetite Nanoparticles and Their Chemoselective Biofunctionalization. <i>Bioconjugate Chemistry</i> , 2011, 22, 1181-1193.	3.6	37
78	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
79	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
80	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
81	Enhanced Transfection Efficiency and Reduced Cytotoxicity of Novel Lipid-Polymer Hybrid Nanoplexes. <i>Molecular Pharmaceutics</i> , 2013, 10, 2416-2425.	4.6	35
82	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
83	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
84	Chemosensitizer and docetaxel-loaded albumin nanoparticle: overcoming drug resistance and improving therapeutic efficacy. <i>Nanomedicine</i> , 2018, 13, 2759-2776.	3.3	34
85	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
86	Mannosylated niosomes as carrier adjuvant system for topical immunization. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 57, 1177-1184.	2.4	33
87	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
88	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
89	Mannosylated liposomes for bio-film targeting. <i>International Journal of Pharmaceutics</i> , 2007, 330, 6-13.	5.2	32
90	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

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91	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
92	"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
93	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
94	Cationic ligand appended nanoconstructs: A prospective strategy for brain targeting. <i>International Journal of Pharmaceutics</i> , 2011, 421, 189-201.	5.2	30
95	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
96	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
97	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
98	Surface-stabilized lopinavir nanoparticles enhance oral bioavailability without coadministration of ritonavir. <i>Nanomedicine</i> , 2013, 8, 1639-1655.	3.3	28
99	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
100	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
101	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
102	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
103	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
104	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
105	Codelivery of benzoyl peroxide & adapalene using modified liposomal gel for improved acne therapy. <i>Nanomedicine</i> , 2018, 13, 1481-1493.	3.3	26
106	Drug" Lipid Conjugates for Enhanced Oral Drug Delivery. <i>AAPS PharmSciTech</i> , 2019, 20, 41.	3.3	26
107	Nanocarriers for Transmucosal Vaccine Delivery. <i>Current Nanoscience</i> , 2011, 7, 160-177.	1.2	25
108	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

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109	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
110	Orthogonal biofunctionalization of magnetic nanoparticles via "clickable" poly(ethylene glycol) silanes: a "universal ligand" strategy to design stealth and target-specific nanocarriers. <i>Journal of Materials Chemistry</i> , 2012, 22, 24652.	6.7	24
111	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
112	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
113	Co-administration of zinc phthalocyanine and quercetin via hybrid nanoparticles for augmented photodynamic therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 33, 102368.	3.3	24
114	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
115	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
116	Lyotropic 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
117	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
118	Advances in oral delivery of anti-cancer prodrugs. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 1759-1775.	5.0	19
119	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
120	Development of surface stabilized candesartan cilexetil nanocrystals with enhanced dissolution rate, permeation rate across CaCo-2, and oral bioavailability. <i>Drug Delivery and Translational Research</i> , 2016, 6, 498-510.	5.8	18
121	C-Type lectin receptor(s)-targeted nanoliposomes: an intelligent approach for effective cancer immunotherapy. <i>Nanomedicine</i> , 2017, 12, 1945-1959.	3.3	18
122	Design and Toxicity Evaluation of Novel Fatty Acid-Amino Acid-Based Biocompatible Surfactants. <i>AAPS PharmSciTech</i> , 2019, 20, 186.	3.3	18
123	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
124	A bird's eye view of the advanced approaches and strategies for overshadowing triple negative breast cancer. <i>Journal of Controlled Release</i> , 2021, 330, 72-100.	9.9	18
125	Chondroitin Sulphate Decorated Nanoparticulate Carriers of 5-Fluorouracil: Development and In Vitro Characterization. <i>Journal of Biomedical Nanotechnology</i> , 2010, 6, 340-350.	1.1	17
126	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

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127	Light-assisted anticancer photodynamic therapy using porphyrin-doped nanoencapsulates. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 220, 112209.	3.8	17
128	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
129	Formulation, optimization, and in vitro/in vivo evaluation of olmesartan medoxomil nanocrystals. <i>Drug Delivery and Translational Research</i> , 2017, 7, 292-303.	5.8	15
130	Molecular Understanding and Implication of Structural Integrity in the Deformation Behavior of Binary Drug/Drug Eutectic Systems. <i>Molecular Pharmaceutics</i> , 2018, 15, 1917-1927.	4.6	15
131	Development of dual toxoid-loaded layersomes for complete immunostimulatory response following peroral administration. <i>Nanomedicine</i> , 2015, 10, 1077-1091.	3.3	14
132	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
133	Divalent toxoids loaded stable chitosan/glucomannan nanoassemblies for efficient systemic, mucosal and cellular immunostimulatory response following oral administration. <i>International Journal of Pharmaceutics</i> , 2015, 487, 292-304.	5.2	14
134	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
135	Efficient Tumor Targeting by Polysaccharide Decked Polyethylenimine Based Nanocomposites. <i>Journal of Biomedical Nanotechnology</i> , 2009, 5, 264-277.	1.1	13
136	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
137	Molecular Interpretation of Mechanical Behavior in Four Basic Crystal Packing of Isoniazid with Homologous Cocrystal Formers. <i>Crystal Growth and Design</i> , 2020, 20, 832-844.	3.0	13
138	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
139	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
140	Pharmacoscintigraphy: A Blazing Trail for the Evaluation of New Drugs and Delivery Systems. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2009, 26, 373-426.	2.2	11
141	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
142	Synthesis, Characterization, and Biodistribution of Quantum Dot-Celecoxib Conjugate in Mouse Paw Edema Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-8.	4.0	10
143	Supersaturable self-emulsifying drug delivery system: A strategy for improving the loading and oral bioavailability of quercetin. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 71, 103289.	3.0	10
144	Enhanced stability and oral bioavailability of erlotinib by solid self nano emulsifying drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2022, 622, 121852.	5.2	10

#	ARTICLE	IF	CITATIONS
145	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
146	Enabling Oral Amphotericin B Delivery by Merging the Benefits of Prodrug Approach and Nanocarrier-Mediated Drug Delivery. <i>ACS Biomaterials Science and Engineering</i> , 2023, 9, 2879-2890.	5.2	9
147	Exploring the therapeutic potential of the bioinspired reconstituted high density lipoprotein nanostructures. <i>International Journal of Pharmaceutics</i> , 2021, 596, 120272.	5.2	9
148	Single-Crystal Plasticity Defies Bulk-Phase Mechanics in Isoniazid Cocrystals with Analogous Cofomers. <i>Crystal Growth and Design</i> , 2019, 19, 4465-4475.	3.0	8
149	Exploring protein stabilized multiple emulsion with permeation enhancer for oral delivery of insulin. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 491-501.	7.5	8
150	Estradiol functionalized multi-walled carbon nanotubes as renovated strategy for efficient gene delivery. <i>RSC Advances</i> , 2016, 6, 10792-10801.	3.6	7
151	Hitting Multiple Cellular Targets in Triple-Negative Breast Cancer Using Dual-Action Cisplatin(IV) Prodrugs for Safer Synergistic Chemotherapy. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 2349-2362.	5.2	7
152	Recent Advances in Tumor Targeting Approaches. <i>Advances in Delivery Science and Technology</i> , 2015, , 41-112.	0.4	6
153	Partial inclusion complex assisted crosslinked β -cyclodextrin nanoparticles for improving therapeutic potential of docetaxel against breast cancer. <i>Drug Delivery and Translational Research</i> , 2022, 12, 562-576.	5.8	6
154	Carbon-Based Nanomaterials for Targeted Drug Delivery and Imaging. <i>Advances in Delivery Science and Technology</i> , 2015, , 615-645.	0.4	5
155	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
156	Understanding the Role of Axial Ligands in Modulating the Biopharmaceutical Outcomes of Cisplatin(IV) Derivatives. <i>Molecular Pharmaceutics</i> , 2022, 19, 1325-1337.	4.6	5
157	Nanotechnology in Advanced Drug Delivery. <i>Journal of Drug Delivery</i> , 2011, 2011, 1-2.	2.5	4
158	Multifunctional Polymeric Nano-Carriers in Targeted Drug Delivery. <i>Advances in Delivery Science and Technology</i> , 2015, , 461-500.	0.4	4
159	Revealing the Role of Structural Features in Bulk Mechanical Performance of Ternary Molecular Solids of Isoniazid. <i>Molecular Pharmaceutics</i> , 2018, 15, 5252-5262.	4.6	3
160	Mechanistic insights into high permeation vesicle-mediated synergistic enhancement of transdermal drug permeation. <i>Nanomedicine</i> , 2019, 14, 2227-2241.	3.3	3
161	Development and evaluation of a time-specific pulsatile-release tablet of aceclofenac: A solution for morning pain in rheumatoid arthritis. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2009, 31, 15.	0.8	2
162	Cell-penetrating peptides in cancer targeting. , 2021, , 201-220.		1

#	ARTICLE	IF	CITATIONS
163	Conference Scene: Nanomedicine kindles the development of the "elixir of life"™. Nanomedicine, 2011, 6, 599-603.	3.3	0
164	Magnetically responsive delivery into tumor environment. , 2021, , 59-87.		0
165	Pancreatic cancer: Removing extracellular matrix barrier in delivery. , 2021, , 421-438.		0
166	In vivo animal models for cancer: What have we learned from chemical-induced and xenograft models. , 2021, , 611-630.		0
167	Lung cancer: Improving efficacy and reducing side effects. , 2021, , 351-371.		0
168	Ligands used for tumor targeting. , 2021, , 89-111.		0
169	Solid tumor: Addressing the problems associated. , 2021, , 393-419.		0