

Abhay Sangamwar

List of Publications by Year in descending order

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Version: 2024-02-01

169
papers

5,802
citations

71102

41
h-index

110387

64
g-index

172
all docs

172
docs citations

172
times ranked

7002
citing authors

#	ARTICLE	IF	CITATIONS
1	Enabling Oral Amphotericin B Delivery by Merging the Benefits of Prodrug Approach and Nanocarrier-Mediated Drug Delivery. ACS Biomaterials Science and Engineering, 2023, 9, 2879-2890.	5.2	9
2	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
3	Chondroitin Sulfate: Emerging biomaterial for biopharmaceutical purpose and tissue engineering. Carbohydrate Polymers, 2022, 286, 119305.	10.2	45
4	Understanding the Role of Axial Ligands in Modulating the Biopharmaceutical Outcomes of Cisplatin(IV) Derivatives. Molecular Pharmaceutics, 2022, 19, 1325-1337.	4.6	5
5	Hitting Multiple Cellular Targets in Triple-Negative Breast Cancer Using Dual-Action Cisplatin(IV) Prodrugs for Safer Synergistic Chemotherapy. ACS Biomaterials Science and Engineering, 2022, 8, 2349-2362.	5.2	7
6	Evolving era of "sponges": Nanosponges as a versatile nanocarrier for the effective skin delivery of drugs. Current Pharmaceutical Design, 2022, 28, .	1.9	0
7	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
8	A bird's eye view of the advanced approaches and strategies for overshadowing triple negative breast cancer. Journal of Controlled Release, 2021, 330, 72-100.	9.9	18
9	Cell-penetrating peptides (CPPs): an overview of applications for improving the potential of nanotherapeutics. Biomaterials Science, 2021, 9, 1153-1188.	5.4	77
10	QbD-Steered Development of Biotin-Conjugated Nanostructured Lipid Carriers for Oral Delivery of Chrysin: Role of Surface Modification for Improving Biopharmaceutical Performance. Colloids and Surfaces B: Biointerfaces, 2021, 197, 111429.	5.0	18
11	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
12	Simultaneous Estimation of Apremilast and Betamethasone Dipropionate in Microsponge-Based Topical Formulation using a Stability Indicating RP-HPLC Method: A Quality-by-Design Approach. Journal of Chromatographic Science, 2021, 59, 928-940.	1.4	5
13	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
14	Exploring the therapeutic potential of the bioinspired reconstituted high density lipoprotein nanostructures. International Journal of Pharmaceutics, 2021, 596, 120272.	5.2	9
15	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
16	Amorphous Salts Solid Dispersions of Celecoxib: Enhanced Biopharmaceutical Performance and Physical Stability. Molecular Pharmaceutics, 2021, 18, 2334-2348.	4.6	18
17	Combination of Phospholipid Complex and Matrix Dispersion. AAPS PharmSciTech, 2021, 22, 189.	3.3	6
18	Green surfactant-dendrimer aggregates: An ingenious way to launch dual attack on arch-enemy cancer. Colloids and Surfaces B: Biointerfaces, 2021, 204, 111821.	5.0	5

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19	Biorelevant dissolution testing and physiologically based absorption modeling to predict in vivo performance of supersaturating drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2021, 607, 120958.	5.2	14
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	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
22	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
23	Non-small cell lung cancer tumour antigen, MUC-1 peptide-loaded non-aggregated poly (lactide-co-glycolide) nanoparticles augmented cellular uptake in mouse professional antigen-presenting cells: optimisation and characterisation. <i>Journal of Microencapsulation</i> , 2020, 37, 14-28.	2.8	12
24	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
25	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
26	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
27	Polymeric micelles based on amphiphilic oleic acid modified carboxymethyl chitosan for oral drug delivery of bcs class iv compound: Intestinal permeability and pharmacokinetic evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 153, 105466.	4.0	36
28	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
29	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
30	Understanding the Oral Absorption of Irbesartan Using Biorelevant Dissolution Testing and PBPK Modeling. <i>AAPS PharmSciTech</i> , 2020, 21, 102.	3.3	8
31	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
32	Successful oral delivery of fexofenadine hydrochloride by improving permeability via phospholipid complexation. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 149, 105338.	4.0	9
33	Mechanistic insights into high permeation vesicle-mediated synergistic enhancement of transdermal drug permeation. <i>Nanomedicine</i> , 2019, 14, 2227-2241.	3.3	3
34	Cyclodextrins as Carriers in Targeted Delivery of Therapeutic Agents: Focused Review on Traditional and Inimitable Applications. <i>Current Pharmaceutical Design</i> , 2019, 25, 444-454.	1.9	15
35	Insights on role of polymers in precipitation of celecoxib from supersaturated solutions as assessed by focused beam reflectance measurement (FBRM). <i>European Journal of Pharmaceutical Sciences</i> , 2019, 137, 104983.	4.0	11
36	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

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37	Glycine-Poly-L-Lactic Acid Copolymeric Nanoparticles for the Efficient Delivery of Bortezomib. <i>Pharmaceutical Research</i> , 2019, 36, 160.	3.5	9
38	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
39	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
40	Design and Toxicity Evaluation of Novel Fatty Acid-Amino Acid-Based Biocompatible Surfactants. <i>AAPS PharmSciTech</i> , 2019, 20, 186.	3.3	18
41	Assessment of Biopharmaceutical Performance of Supersaturating Formulations of Carbamazepine in Rats Using Physiologically Based Pharmacokinetic Modeling. <i>AAPS PharmSciTech</i> , 2019, 20, 179.	3.3	10
42	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
43	Asenapine maleate-loaded nanostructured lipid carriers: optimization and <i>in vitro</i> , <i>in vivo</i> and <i>in vivo</i> evaluations. <i>Nanomedicine</i> , 2019, 14, 889-910.	3.3	25
44	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
45	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
46	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
47	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
48	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
49	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
50	Drug-Phospholipid Complexes: A Go Through Strategy for Enhanced Oral Bioavailability. <i>AAPS PharmSciTech</i> , 2019, 20, 43.	3.3	57
51	Drug-Lipid Conjugates for Enhanced Oral Drug Delivery. <i>AAPS PharmSciTech</i> , 2019, 20, 41.	3.3	26
52	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
53	Multifunctional approaches utilizing polymeric micelles to circumvent multidrug resistant tumors. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 581-590.	5.0	56
54	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

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55	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
56	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
57	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
58	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
59	Enhanced Biopharmaceutical Performance of Rivaroxaban through Polymeric Amorphous Solid Dispersion. <i>Molecular Pharmaceutics</i> , 2018, 15, 652-668.	4.6	59
60	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
61	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
62	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
63	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
64	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
65	Stabilizing supersaturated drug-delivery system through mechanism of nucleation and crystal growth inhibition of drugs. <i>Therapeutic Delivery</i> , 2018, 9, 873-885.	2.2	14
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-Hydrazones 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	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

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73	Microarray Plate Method for Estimation of Precipitation Kinetics of Celecoxib under Biorelevant Conditions and Precipitate Characterization. <i>Molecular Pharmaceutics</i> , 2018, 15, 2423-2436.	4.6	8
74	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
75	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
76	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
77	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
78	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
79	Investigation of Need of Natural Bioenhancer for a Metabolism Susceptible Drug—Raloxifene, in a Designed Self-Emulsifying Drug Delivery System. <i>AAPS PharmSciTech</i> , 2017, 18, 2529-2540.	3.3	8
80	Potential of amphiphilic graft copolymer $\hat{\pm}$ -tocopherol succinate-g-carboxymethyl chitosan in modulating the permeability and anticancer efficacy of tamoxifen. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 101, 149-159.	4.0	11
81	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
82	Multicomponent Pharmaceutical Adducts of $\hat{\pm}$ -Eprosartan: Physicochemical Properties and Pharmacokinetic Study. <i>Crystal Growth and Design</i> , 2017, 17, 1589-1599.	3.0	16
83	$\hat{\pm}$ -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
84	Nanostructured lipid carriers of olmesartan medoxomil with enhanced oral bioavailability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 154, 10-20.	5.0	55
85	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
86	Polymeric micelles: a promising tool for tamoxifen delivery in cancer?. <i>Therapeutic Delivery</i> , 2017, 8, 109-111.	2.2	8
87	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
88	“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
89	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
90	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

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91	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
92	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
93	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
94	C-Type lectin receptor(s)-targeted nanoliposomes: an intelligent approach for effective cancer immunotherapy. <i>Nanomedicine</i> , 2017, 12, 1945-1959.	3.3	18
95	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
96	pH responsive biodegradable nanogels for sustained release of bleomycin. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 4595-4613.	3.0	59
97	Freeze dried solid dispersion of exemestane: A way to negate an aqueous solubility and oral bioavailability problems. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 107, 54-61.	4.0	27
98	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
99	Characterization of differences in substrate specificity among CYP1A1, CYP1A2 and CYP1B1: an integrated approach employing molecular docking and molecular dynamics simulations. <i>Journal of Molecular Recognition</i> , 2016, 29, 370-390.	2.1	15
100	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
101	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
102	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
103	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
104	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
105	Alpha-lipoic acid-stearylamine conjugate-based solid lipid nanoparticles for tamoxifen delivery: formulation, optimization, in-vivo pharmacokinetic and hepatotoxicity study. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 1535-1550.	2.4	21
106	Polymeric micelles of amphiphilic graft copolymer of α -tocopherol succinate-g-carboxymethyl chitosan for tamoxifen delivery: Synthesis, characterization and in vivo pharmacokinetic study. <i>Carbohydrate Polymers</i> , 2016, 151, 1162-1174.	10.2	42
107	Advances in oral delivery of anti-cancer prodrugs. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 1759-1775.	5.0	19
108	An evaluation of the CYP2D6 and CYP3A4 inhibition potential of metoprolol metabolites and their contribution to drug-drug and drug-herb interaction by LC-ESI/MS/MS. <i>Biomedical Chromatography</i> , 2016, 30, 1556-1572.	1.7	8

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109	Novel drug delivery system: an immense hope for diabetics. <i>Drug Delivery</i> , 2016, 23, 2371-2390.	5.7	63
110	Estradiol functionalized multi-walled carbon nanotubes as renovated strategy for efficient gene delivery. <i>RSC Advances</i> , 2016, 6, 10792-10801.	3.6	7
111	Synthesis and biology of ring-modified L-Histidine containing thyrotropin-releasing hormone (TRH) analogues. <i>European Journal of Medicinal Chemistry</i> , 2016, 111, 72-83.	5.5	9
112	Leucine-684: A conserved residue of an AMP-acetyl CoA synthetase (AceCS) from <i>Leishmania donovani</i> is involved in substrate recognition, catalysis and acetylation. <i>Gene</i> , 2016, 580, 125-133.	2.2	3
113	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
114	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
115	Immunostimulatory effect of tetanus toxoid loaded chitosan nanoparticles following microneedles assisted immunization. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 213-222.	3.3	29
116	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
117	Classification of Human Pregnane X Receptor (hPXR) Activators and Non-Activators by Machine Learning Techniques: A Multifaceted Approach. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2016, 19, 307-318.	1.1	2
118	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
119	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
120	Synthesis, biological evaluation and 3D QSAR study of 2,4-disubstituted quinolines as anti-tuberculosis agents. <i>European Journal of Medicinal Chemistry</i> , 2015, 93, 511-522.	5.5	24
121	Antiplasmodial activity of short peptide-based compounds. <i>RSC Advances</i> , 2015, 5, 22674-22684.	3.6	8
122	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
123	Discovery of a low affinity thyrotropin-releasing hormone (TRH)-like peptide that exhibits potent inhibition of scopolamine-induced memory impairment in mice. <i>RSC Advances</i> , 2015, 5, 56872-56884.	3.6	5
124	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
125	Development of an Inhaled Controlled Release Voriconazole Dry Powder Formulation for the Treatment of Respiratory Fungal Infection. <i>Molecular Pharmaceutics</i> , 2015, 12, 2001-2009.	4.6	35
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	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
128	Modulation of tamoxifen-induced hepatotoxicity by tamoxifen-phospholipid complex. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 1198-1206.	2.4	12
129	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
130	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
131	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
132	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
133	Synthesis of CNS active thyrotropin-releasing hormone (TRH)-like peptides: Biological evaluation and effect on cognitive impairment induced by cerebral ischemia in mice. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5641-5653.	3.0	15
134	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
135	Atomic force microscope manipulation of multiwalled and single walled carbon nanotubes with reflux and ultrasonic treatments. <i>Applied Nanoscience (Switzerland)</i> , 2014, 4, 19-26.	3.1	12
136	Human pregnane X receptor: a novel target for anticancer drug development. <i>Drug Discovery Today</i> , 2014, 19, 63-70.	6.4	10
137	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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