

Kaushik Thanki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7575275/publications.pdf>

Version: 2024-02-01

52
papers

2,477
citations

185998

28
h-index

197535

49
g-index

52
all docs

52
docs citations

52
times ranked

3416
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.6	9
2	Design and evaluation of microemulsion-based efinaconazole formulations for targeted treatment of onychomycosis through transungual route: Ex vivo and nail clipping studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 201, 111652.	2.5	18
3	Optimizing the Intracellular Delivery of Therapeutic Anti-inflammatory TNF- α siRNA to Activated Macrophages Using Lipidoid-Polymer Hybrid Nanoparticles. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 601155.	2.0	11
4	Identification of Factors of Importance for Spray Drying of Small Interfering RNA-Loaded Lipidoid-Polymer Hybrid Nanoparticles for Inhalation. <i>Pharmaceutical Research</i> , 2019, 36, 142.	1.7	39
5	Mechanistic profiling of the release kinetics of siRNA from lipidoid-polymer hybrid nanoparticles in vitro and in vivo after pulmonary administration. <i>Journal of Controlled Release</i> , 2019, 310, 82-93.	4.8	33
6	Improved Oral Bioavailability and Gastrointestinal Stability of Amphotericin B through Fatty Acid Conjugation Approach. <i>Molecular Pharmaceutics</i> , 2019, 16, 4519-4529.	2.3	22
7	Lipidoid-polymer hybrid nanoparticles loaded with TNF siRNA suppress inflammation after intra-articular administration in a murine experimental arthritis model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 38-48.	2.0	46
8	Design of Inhalable Solid Dosage Forms of Budesonide and Theophylline for Pulmonary Combination Therapy. <i>AAPS PharmSciTech</i> , 2019, 20, 137.	1.5	16
9	Preparation, Characterization, and In Vitro Evaluation of Lipidoid-Polymer Hybrid Nanoparticles for siRNA Delivery to the Cytosol. <i>Methods in Molecular Biology</i> , 2019, 1943, 141-152.	0.4	18
10	Application of a Quality-By-Design Approach to Optimise Lipid-Polymer Hybrid Nanoparticles Loaded with a Splice-Correction Antisense Oligonucleotide: Maximising Loading and Intracellular Delivery. <i>Pharmaceutical Research</i> , 2019, 36, 37.	1.7	11
11	Immune Reactions in the Delivery of RNA Interference-Based Therapeutics: Mechanisms and Opportunities. , 2019, , 441-472.		0
12	Long chain fatty acid conjugation remarkably decreases the aggregation induced toxicity of Amphotericin B. <i>International Journal of Pharmaceutics</i> , 2018, 544, 1-13.	2.6	30
13	Engineering of budesonide-loaded lipid-polymer hybrid nanoparticles using a quality-by-design approach. <i>International Journal of Pharmaceutics</i> , 2018, 548, 740-746.	2.6	31
14	Formulation of RNA interference-based drugs for pulmonary delivery: challenges and opportunities. <i>Therapeutic Delivery</i> , 2018, 9, 731-749.	1.2	18
15	Formulating Inhalable Dry Powders Using Two-Fluid and Three-Fluid Nozzle Spray Drying. <i>Pharmaceutical Research</i> , 2018, 35, 247.	1.7	21
16	Mixed micellar system stabilized with saponins for oral delivery of vitamin K. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 521-528.	2.5	16
17	Immunogenicity Testing of Lipidoids In Vitro and In Silico: Modulating Lipidoid-Mediated TLR4 Activation by Nanoparticle Design. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 11, 159-169.	2.3	27
18	α -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.	2.1	43

#	ARTICLE	IF	CITATIONS
19	Engineering of small interfering RNA-loaded lipidoid-poly(DL -lactic-co-glycolic acid) hybrid nanoparticles for highly efficient and safe gene silencing: A quality by design-based approach. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 120, 22-33.	2.0	53
20	Inhalable siRNA-loaded nano-embedded microparticles engineered using microfluidics and spray drying. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 120, 9-21.	2.0	40
21	Triple antioxidant SNEDDS formulation with enhanced oral bioavailability: Implication of chemoprevention of breast cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1431-1443.	1.7	39
22	Estradiol functionalized multi-walled carbon nanotubes as renovated strategy for efficient gene delivery. RSC Advances, 2016, 6, 10792-10801.	1.7	7
23	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.	1.7	26
24	Recent Advances in Tumor Targeting Approaches. Advances in Delivery Science and Technology, 2015, , 41-112.	0.4	6
25	Positively charged self-nanoemulsifying oily formulations of olmesartan medoxomil: Systematic development, in vitro, ex vivo and in vivo evaluation. International Journal of Pharmaceutics, 2015, 493, 466-482.	2.6	68
26	Hyaluronic acidâ€“PEIâ€“cyclodextrin polyplexes: implications for in vitro and in vivo transfection efficiency and toxicity. RSC Advances, 2015, 5, 41144-41154.	1.7	19
27	Phytantriol Based â€œStealthâ€•Lyotropic Liquid Crystalline Nanoparticles for Improved Antitumor Efficacy and Reduced Toxicity of Docetaxel. Pharmaceutical Research, 2015, 32, 3282-3292.	1.7	31
28	Oral Bioavailability and Pharmacodynamic Activity of Hesperetin Nanocrystals Generated Using a Novel Bottom-up Technology. Molecular Pharmaceutics, 2015, 12, 1158-1170.	2.3	43
29	Enhanced Antitumor Efficacy and Reduced Toxicity of Docetaxel Loaded Estradiol Functionalized Stealth Polymeric Nanoparticles. Molecular Pharmaceutics, 2015, 12, 3871-3884.	2.3	72
30	Systematic development of novel cationic self-nanoemulsifying drug delivery systems of candesartan cilexetil with enhanced biopharmaceutical performance. RSC Advances, 2015, 5, 71500-71513.	1.7	39
31	Solidified Self-Nanoemulsifying Formulation for Oral Delivery of Combinatorial Therapeutic Regimen: Part I. Formulation Development, Statistical Optimization, and In Vitro Characterization. Pharmaceutical Research, 2014, 31, 923-945.	1.7	65
32	Enhanced antitumor efficacy and counterfeited cardiotoxicity of combinatorial oral therapy using Doxorubicin- and Coenzyme Q10-liquid crystalline nanoparticles in comparison with intravenous Adriamycin. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1231-1241.	1.7	42
33	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.	1.7	29
34	Identification of p38Î± MAP kinase inhibitors by pharmacophore based virtual screening. Journal of Molecular Graphics and Modelling, 2014, 49, 18-24.	1.3	20
35	Novel self-nanoemulsifying formulation of quercetin: Implications of pro-oxidant activity on the anticancer efficacy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, e959-e969.	1.7	48
36	Improved Stability and Antidiabetic Potential of Insulin Containing Folic Acid Functionalized Polymer Stabilized Multilayered Liposomes Following Oral Administration. Biomacromolecules, 2014, 15, 350-360.	2.6	141

#	ARTICLE	IF	CITATIONS
37	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.	1.7	66
38	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.	1.8	31
39	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.	1.7	38
40	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.	2.3	26
41	Mixed Micellar Nanocarriers for Controlled and Targeted Delivery of Paclitaxel. <i>Journal of Nanopharmaceutics and Drug Delivery</i> , 2014, 2, 69-79.	0.3	2
42	Effect of co-administration of CoQ10-loaded nanoparticles on the efficacy and cardiotoxicity of doxorubicin-loaded nanoparticles. <i>RSC Advances</i> , 2013, 3, 14671.	1.7	18
43	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.	2.3	210
44	Enhanced Transfection Efficiency and Reduced Cytotoxicity of Novel Lipid-Polymer Hybrid Nanoplexes. <i>Molecular Pharmaceutics</i> , 2013, 10, 2416-2425.	2.3	35
45	Oral delivery of anticancer drugs: Challenges and opportunities. <i>Journal of Controlled Release</i> , 2013, 170, 15-40.	4.8	403
46	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.	1.3	94
47	Gelatin Coated Hybrid Lipid Nanoparticles for Oral Delivery of Amphotericin B. <i>Molecular Pharmaceutics</i> , 2012, 9, 2542-2553.	2.3	113
48	Polyelectrolyte stabilized multilayered liposomes for oral delivery of paclitaxel. <i>Biomaterials</i> , 2012, 33, 6758-6768.	5.7	159
49	Dissolution Improvement of Simvastatin by Surface Solid Dispersion Technology. <i>Dissolution Technologies</i> , 2010, 17, 27-34.	0.2	33
50	Mechanistic Evaluation of the Effect of Sintering on Compritol® 888 ATO Matrices. <i>AAPS PharmSciTech</i> , 2009, 10, 355-360.	1.5	21
51	Development and <i>in vitro</i> evaluation of floating rosiglitazone maleate microspheres. <i>Drug Development and Industrial Pharmacy</i> , 2009, 35, 834-842.	0.9	19
52	Effect of processing and sintering on controlled release wax matrix tablets of ketorolac tromethamine. <i>Indian Journal of Pharmaceutical Sciences</i> , 2009, 71, 538.	1.0	12