

Ketankumar Patel

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,607
citations

257450

24
h-index

330143

37
g-index

55
all docs

55
docs citations

55
times ranked

1898
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of 3D printing technology and quality by design approach for development of age-appropriate pediatric formulation of baclofen. <i>International Journal of Pharmaceutics</i> , 2019, 556, 106-116.	5.2	128
2	Abuse Deterrent Immediate Release Egg-Shaped Tablet (Egglets) Using 3D Printing Technology: Quality by Design to Optimize Drug Release and Extraction. <i>AAPS PharmSciTech</i> , 2019, 20, 80.	3.3	77
3	Duloxetine HCl Lipid Nanoparticles: Preparation, Characterization, and Dosage Form Design. <i>AAPS PharmSciTech</i> , 2012, 13, 125-133.	3.3	64
4	Novel amphiphilic lipid augments the co-delivery of erlotinib and IL36 siRNA into the skin for psoriasis treatment. <i>Journal of Controlled Release</i> , 2017, 246, 120-132.	9.9	61
5	Aerosolized nanoliposomal carrier of remdesivir: an effective alternative for COVID-19 treatment <i>in vitro</i> . <i>Nanomedicine</i> , 2021, 16, 1187-1202.	3.3	58
6	Piperlongumine for Enhancing Oral Bioavailability and Cytotoxicity of Docetaxel in Triple-Negative Breast Cancer. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 4417-4426.	3.3	53
7	Nanoformulation of PROteolysis TArgeting Chimera targeting α -undruggable β ™ <i>c-Myc</i> for the treatment of pancreatic cancer. <i>Nanomedicine</i> , 2020, 15, 1761-1777.	3.3	53
8	Tumor neovasculature-targeted cationic PEGylated liposomes of gambogic acid for the treatment of triple-negative breast cancer. <i>Drug Delivery</i> , 2016, 23, 1232-1241.	5.7	49
9	Design and evaluation of Lumefantrine α Oleic acid self nanoemulsifying ionic complex for enhanced dissolution. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2013, 21, 27.	2.0	47
10	Oral delivery of paclitaxel nanocrystal (PNC) with a dual Pgp-CYP3A4 inhibitor: Preparation, characterization and antitumor activity. <i>International Journal of Pharmaceutics</i> , 2014, 472, 214-223.	5.2	47
11	Doxorubicin liposomes as an investigative model to study the skin permeation of nanocarriers. <i>International Journal of Pharmaceutics</i> , 2015, 489, 106-116.	5.2	47
12	BRD4 PROTAC as a novel therapeutic approach for the treatment of vemurafenib resistant melanoma: Preformulation studies, formulation development and <i>in vitro</i> evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 138, 105039.	4.0	46
13	Investigating the application of FDM 3D printing pattern in preparation of patient-tailored dosage forms. <i>Journal of 3D Printing in Medicine</i> , 2019, 3, 23-37.	2.0	46
14	Ebselen nanoemulgel for the treatment of topical fungal infection. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 148, 105323.	4.0	41
15	Tumor stromal disrupting agent enhances the anticancer efficacy of docetaxel loaded PEGylated liposomes in lung cancer. <i>Nanomedicine</i> , 2016, 11, 1377-1392.	3.3	40
16	Combination Approach of YSA Peptide Anchored Docetaxel Stealth Liposomes with Oral Antifibrotic Agent for the Treatment of Lung Cancer. <i>Molecular Pharmaceutics</i> , 2016, 13, 2049-2058.	4.6	39
17	Formulation of topical ibuprofen solid lipid nanoparticle (SLN) gel using hot melt extrusion technique (HME) and determining its anti-inflammatory strength. <i>Drug Delivery and Translational Research</i> , 2019, 9, 816-827.	5.8	37
18	Medium Chain Triglyceride (MCT) Rich, Paclitaxel Loaded Self Nanoemulsifying Preconcentrate (PSNP): A Safe and Efficacious Alternative to Taxol [®] . <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1996-2006.	1.1	34

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19	Reversal of drug-resistance by noscapine chemo-sensitization in docetaxel resistant triple negative breast cancer. <i>Scientific Reports</i> , 2017, 7, 15824.	3.3	31
20	Noscapine chemosensitization enhances docetaxel anticancer activity and nanocarrier uptake in triple negative breast cancer. <i>Experimental Cell Research</i> , 2016, 346, 65-73.	2.6	29
21	Ultra-flexible nanocarriers for enhanced topical delivery of a highly lipophilic antioxidative molecule for skin cancer chemoprevention. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 143, 156-167.	5.0	29
22	Liposomes co-Loaded with 6-Phosphofructo-2-Kinase/Fructose-2, 6-Biphosphatase 3 (PFKFB3) shRNA Plasmid and Docetaxel for the Treatment of non-small Cell Lung Cancer. <i>Pharmaceutical Research</i> , 2017, 34, 2371-2384.	3.5	27
23	Cholecalciferol-PEG Conjugate-Based Nanomicelles of Doxorubicin for Treatment of Triple-Negative Breast Cancer. <i>AAPS PharmSciTech</i> , 2018, 19, 792-802.	3.3	26
24	Development of Hot Melt Extruded Solid Dispersion of Tamoxifen Citrate and Resveratrol for Synergistic Effects on Breast Cancer Cells. <i>AAPS PharmSciTech</i> , 2018, 19, 3287-3297.	3.3	25
25	17 β -Hydroxyprogesterone Nanoemulsifying Preconcentrate-Loaded Vaginal Tablet: A Novel Non-Invasive Approach for the Prevention of Preterm Birth. <i>Pharmaceutics</i> , 2019, 11, 335.	4.5	24
26	Development of a solid supersaturated self-nanoemulsifying preconcentrate (S-superSNEP) of fenofibrate using dimethylacetamide and a novel co-processed excipient. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 405-414.	2.0	23
27	β -cyclodextrin polymer/Soluplus [®] encapsulated Ebselen ternary complex (E ² polySol) as a potential therapy for vaginal candidiasis and pre-exposure prophylactic for HIV. <i>International Journal of Pharmaceutics</i> , 2020, 589, 119863.	5.2	23
28	Nuclear receptor 4A1 (NR4A1) as a drug target for treating rhabdomyosarcoma (RMS). <i>Oncotarget</i> , 2016, 7, 31257-31269.	1.8	23
29	Galactose-decorated liver tumor-specific nanoliposomes incorporating selective BRD4-targeted PROTAC for hepatocellular carcinoma therapy. <i>Heliyon</i> , 2022, 8, e08702.	3.2	23
30	Multi-dose oral abuse deterrent formulation of loperamide using hot melt extrusion. <i>International Journal of Pharmaceutics</i> , 2019, 569, 118629.	5.2	22
31	A vaginal nanoformulation of a SphK inhibitor attenuates lipopolysaccharide-induced preterm birth in mice. <i>Nanomedicine</i> , 2019, 14, 2835-2851.	3.3	22
32	Protein kinase C inhibitor anchored BRD4 PROTAC PEGylated nanoliposomes for the treatment of vemurafenib-resistant melanoma. <i>Experimental Cell Research</i> , 2020, 396, 112275.	2.6	22
33	Development of Dual ARV-825 and Nintedanib-Loaded PEGylated Nano-Liposomes for Synergistic Efficacy in Vemurafnib-Resistant Melanoma. <i>Pharmaceutics</i> , 2021, 13, 1005.	4.5	22
34	EphA2-Receptor Targeted PEGylated Nanoliposomes for the Treatment of BRAFV600E Mutated Parent- and Vemurafenib-Resistant Melanoma. <i>Pharmaceutics</i> , 2019, 11, 504.	4.5	21
35	Tacrolimus Loaded PEG-Cholecalciferol Based Micelles for Treatment of Ocular Inflammation. <i>Pharmaceutical Research</i> , 2018, 35, 117.	3.5	20
36	Process optimization of twin-screw melt granulation of fenofibrate using design of experiment (DoE). <i>International Journal of Pharmaceutics</i> , 2021, 593, 120101.	5.2	20

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37	Susceptibility of Lung Carcinoma Cells to Nanostructured Lipid Carrier of ARV-825, a BRD4 Degrading Proteolysis Targeting Chimera. <i>Pharmaceutical Research</i> , 2022, 39, 2745-2759.	3.5	19
38	Erlotinib-Valproic Acid Liquisolid Formulation: Evaluating Oral Bioavailability and Cytotoxicity in Erlotinib-Resistant Non-small Cell Lung Cancer Cells. <i>AAPS PharmSciTech</i> , 2019, 20, 135.	3.3	18
39	Combination of UVB Absorbing Titanium Dioxide and Quercetin Nanogel for Skin Cancer Chemoprevention. <i>AAPS PharmSciTech</i> , 2019, 20, 240.	3.3	17
40	Self-injectable extended release formulation of Remdesivir (SelfExRem): A potential formulation alternative for COVID-19 treatment. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120329.	5.2	17
41	Arginoplexes: an arginine-anchored nanoliposomal carrier for gene delivery. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	14
42	Efavirenz nanomicelles loaded vaginal film (EZ film) for preexposure prophylaxis (PrEP) of HIV. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 194, 111174.	5.0	14
43	Antifungal Activity of Novel Formulations Based on Terpenoid Prodrugs against <i>C. albicans</i> in a Mouse Model. <i>Pharmaceutics</i> , 2021, 13, 633.	4.5	12
44	CARP-1 functional mimetics are novel inhibitors of drug-resistant triple negative breast cancers. <i>Oncotarget</i> , 2016, 7, 73370-73388.	1.8	11
45	Development and characterization of an organic solvent free, proliposomal formulation of Busulfan using quality by design approach. <i>International Journal of Pharmaceutics</i> , 2018, 535, 360-370.	5.2	11
46	In vitro assessment of a synergistic combination of gemcitabine and zebularine in pancreatic cancer cells. <i>Experimental Cell Research</i> , 2021, 405, 112660.	2.6	11
47	Stromal disruption facilitating invasion of a "nano-arsenal"™ into the solid tumor. <i>Drug Discovery Today</i> , 2022, 27, 1132-1141.	6.4	11
48	Abuse deterrent immediate release film technology (ADRIFT): A novel bilayer film technology for limiting intentional drug abuse. <i>International Journal of Pharmaceutics</i> , 2020, 590, 119944.	5.2	9
49	Evaluation of the antifungal activity of an ebselen-loaded nanoemulsion in a mouse model of vulvovaginal candidiasis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 37, 102428.	3.3	9
50	Aversion liquid-filled drug releasing capsule (3D-RECAL): A novel technology for the development of immediate release abuse deterrent formulations using a fused deposition modelling (FDM) 3D printer. <i>International Journal of Pharmaceutics</i> , 2022, 621, 121804.	5.2	9
51	Lipid-based oral delivery systems for skin deposition of a potential chemopreventive DIM derivative: characterization and evaluation. <i>Drug Delivery and Translational Research</i> , 2016, 6, 526-539.	5.8	7
52	Overdose and Alcohol Sensitive Immediate Release System (OASIS) for Deterring Accidental Overdose or Abuse of Drugs. <i>AAPS PharmSciTech</i> , 2021, 22, 9.	3.3	7
53	Development of an Arginine Anchored Nanoglobule with Retrograde Trafficking Inhibitor (Retro-2) for the Treatment of an Enterohemorrhagic <i>Escherichia coli</i> Outbreak. <i>Molecular Pharmaceutics</i> , 2019, 16, 4405-4415.	4.6	5
54	Cannabidiol Inhibits <i>In Vitro</i> Human Liver Microsomal Metabolism of Remdesivir. <i>Cannabis and Cannabinoid Research</i> , 2023, 8, 1008-1018.	2.9	4

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55	Sustained release dosage form of noscapine HCl using hot melt extrusion (HME) technique: formulation and pharmacokinetics. Drug Delivery and Translational Research, 2021, 11, 1156-1165.	5.8	3