

Fakhar Ud Din

List of Publications by Year in descending order

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77
papers

3,618
citations

136740

32
h-index

138251

58
g-index

78
all docs

78
docs citations

78
times ranked

3840
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective use of nanocarriers as drug delivery systems for the treatment of selected tumors. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 7291-7309.	3.3	984
2	Improved skin permeation of methotrexate via nanosized ultradeformable liposomes. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3813-3824.	3.3	114
3	Novel dual-reverse thermosensitive solid lipid nanoparticle-loaded hydrogel for rectal administration of flurbiprofen with improved bioavailability and reduced initial burst effect. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 94, 64-72.	2.0	113
4	Simvastatin-loaded solid lipid nanoparticles for enhanced anti-hyperlipidemic activity in hyperlipidemia animal model. <i>International Journal of Pharmaceutics</i> , 2019, 560, 136-143.	2.6	100
5	Potential of nanoparticulate carriers for improved drug delivery via skin. <i>Journal of Pharmaceutical Investigation</i> , 2019, 49, 485-517.	2.7	100
6	Nanotechnology: from In Vivo Imaging System to Controlled Drug Delivery. <i>Nanoscale Research Letters</i> , 2017, 12, 500.	3.1	94
7	Sodium stibogluconate loaded nano-deformable liposomes for topical treatment of leishmaniasis: macrophage as a target cell. <i>Drug Delivery</i> , 2018, 25, 1595-1606.	2.5	83
8	Irinotecan-encapsulated double-reverse thermosensitive nanocarrier system for rectal administration. <i>Drug Delivery</i> , 2017, 24, 502-510.	2.5	81
9	Proniosomes derived niosomes: recent advancements in drug delivery and targeting. <i>Drug Delivery</i> , 2017, 24, 56-69.	2.5	78
10	Effect of hydroxypropylcellulose and Tween 80 on physicochemical properties and bioavailability of ezetimibe-loaded solid dispersion. <i>Carbohydrate Polymers</i> , 2015, 130, 26-31.	5.1	75
11	Recent trends, challenges and future outlook of transdermal drug delivery systems for rheumatoid arthritis therapy. <i>Journal of Controlled Release</i> , 2020, 327, 595-615.	4.8	72
12	Irinotecan-loaded double-reversible thermogel with improved antitumor efficacy without initial burst effect and toxicity for intramuscular administration. <i>Acta Biomaterialia</i> , 2017, 54, 239-248.	4.1	69
13	Development, in-vitro and in-vivo evaluation of ezetimibe-loaded solid lipid nanoparticles and their comparison with marketed product. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 51, 583-590.	1.4	65
14	Polymeric Nanogels as Versatile Nanoplatfoms for Biomedical Applications. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-16.	1.5	60
15	Nanostructured lipid carriers-mediated brain delivery of carbamazepine for improved in vivo anticonvulsant and anxiolytic activity. <i>International Journal of Pharmaceutics</i> , 2020, 577, 119033.	2.6	60
16	Potential and Applications of Nanocarriers for Efficient Delivery of Biopharmaceuticals. <i>Pharmaceutics</i> , 2020, 12, 1184.	2.0	55
17	Enhanced anti-rheumatic activity of methotrexate-entrapped ultradeformable liposomal gel in adjuvant-induced arthritis rat model. <i>International Journal of Pharmaceutics</i> , 2017, 525, 92-100.	2.6	54
18	Sustained release docetaxel-incorporated lipid nanoparticles with improved pharmacokinetics for oral and parenteral administration. <i>Journal of Microencapsulation</i> , 2017, 34, 250-261.	1.2	51

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19	Enhanced acute anti-inflammatory effects of CORM-2-loaded nanoparticles via sustained carbon monoxide delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 108, 187-195.	2.0	46
20	Macrophage targeting with the novel carbopol-based miltefosine-loaded transfersomal gel for the treatment of cutaneous leishmaniasis: <i>in vitro</i> and <i>in vivo</i> analyses. <i>Drug Development and Industrial Pharmacy</i> , 2021, 47, 440-453.	0.9	45
21	NF- κ B Inhibitors Attenuate MCAO Induced Neurodegeneration and Oxidative Stress—A Reprofilng Approach. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 33.	1.4	43
22	Rifampicin-loaded nanotransfersomal gel for treatment of cutaneous leishmaniasis: passive targeting via topical route. <i>Nanomedicine</i> , 2020, 15, 183-203.	1.7	43
23	Solid lipid nanoparticles-mediated enhanced antidepressant activity of duloxetine in lipopolysaccharide-induced depressive model. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 194, 111209.	2.5	42
24	Field-controlled magnetoelectric core-shell CoFe ₂ O ₄ @BaTiO ₃ nanoparticles as effective drug carriers and drug release <i>in vitro</i> . <i>Materials Science and Engineering C</i> , 2021, 119, 111444.	3.8	42
25	Development, <i>in vitro</i> and <i>in vivo</i> evaluation of miltefosine loaded nanostructured lipid carriers for the treatment of Cutaneous Leishmaniasis. <i>International Journal of Pharmaceutics</i> , 2021, 593, 120109.	2.6	41
26	Post-Treatment of Synthetic Polyphenolic 1,3,4 Oxadiazole Compound A3, Attenuated Ischemic Stroke-Induced Neuroinflammation and Neurodegeneration. <i>Biomolecules</i> , 2020, 10, 816.	1.8	39
27	Novel revaprazan-loaded gelatin microsphere with enhanced drug solubility and oral bioavailability. <i>Journal of Microencapsulation</i> , 2018, 35, 421-427.	1.2	36
28	Preparation, Pharmacokinetics, and Antitumor Potential of Miltefosine-Loaded Nanostructured Lipid Carriers. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3255-3273.	3.3	36
29	Enhanced neuroprotective and antidepressant activity of curcumin-loaded nanostructured lipid carriers in lipopolysaccharide-induced depression and anxiety rat model. <i>International Journal of Pharmaceutics</i> , 2021, 603, 120670.	2.6	36
30	Development of a novel solid lipid nanoparticles-loaded dual-reverse thermosensitive nanomicelle for intramuscular administration with sustained release and reduced toxicity. <i>RSC Advances</i> , 2015, 5, 43687-43694.	1.7	35
31	Novel piroxicam-loaded nanospheres generated by the electrospraying technique: physicochemical characterisation and oral bioavailability evaluation. <i>Journal of Microencapsulation</i> , 2016, 33, 323-330.	1.2	35
32	New potential application of hydroxypropyl- β -cyclodextrin in solid self-nanoemulsifying drug delivery system and solid dispersion. <i>Carbohydrate Polymers</i> , 2021, 271, 118433.	5.1	35
33	Controlled release and targeted drug delivery with poly(lactic-co-glycolic acid) nanoparticles: reviewing two decades of research. <i>Journal of Pharmaceutical Investigation</i> , 2022, 52, 683-724.	2.7	34
34	Comparative study on solid self-nanoemulsifying drug delivery and solid dispersion system for enhanced solubility and bioavailability of ezetimibe. <i>International Journal of Nanomedicine</i> , 2015, 10, 6147.	3.3	33
35	Comparative study between high-pressure homogenisation and Shirasu porous glass membrane technique in sildenafil base-loaded solid SNEDDS: Effects on physicochemical properties and <i>in vivo</i> characteristics. <i>International Journal of Pharmaceutics</i> , 2021, 592, 120039.	2.6	32
36	Nanotechnology based solutions for anti-leishmanial impediments: a detailed insight. <i>Journal of Nanobiotechnology</i> , 2021, 19, 106.	4.2	32

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37	High payload itraconazole-incorporated lipid nanoparticles with modulated release property for oral and parenteral administration. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 955-966.	1.2	31
38	Development and characterisation of levosulpiride-loaded suppositories with improved bioavailability <i>in vivo</i>. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 63-69.	1.1	31
39	Diagnostic and Treatment Strategies for COVID-19. <i>AAPS PharmSciTech</i> , 2020, 21, 222.	1.5	31
40	Development of levosulpiride-loaded solid lipid nanoparticles and their <i>in vitro</i> and <i>in vivo</i> comparison with commercial product. <i>Journal of Microencapsulation</i> , 2020, 37, 160-169.	1.2	31
41	Improved Bioavailability and High Photostability of Methotrexate by Spray-Dried Surface-Attached Solid Dispersion with an Aqueous Medium. <i>Pharmaceutics</i> , 2021, 13, 111.	2.0	30
42	Particle and Gel Characterization of Irinotecan-Loaded Double-Reverse Thermosensitive Hydrogel. <i>Polymers</i> , 2021, 13, 551.	2.0	28
43	Development, Characterization, and Evaluation of SLN-Loaded Thermoresponsive Hydrogel System of Topotecan as Biological Macromolecule for Colorectal Delivery. <i>BioMed Research International</i> , 2021, 2021, 1-14.	0.9	28
44	Novel composite double-layered dressing with improved mechanical properties and wound recovery for thermosensitive drug, <i>Lactobacillus brevis</i> . <i>Composites Part B: Engineering</i> , 2021, 225, 109276.	5.9	28
45	Development and Evaluation of Optimized Thiolated Chitosan Proniosomal Gel Containing Duloxetine for Intranasal Delivery. <i>AAPS PharmSciTech</i> , 2019, 20, 288.	1.5	25
46	Comparison of Three Different Aqueous Microenvironments for Enhancing Oral Bioavailability of Sildenafil: Solid Self-Nanoemulsifying Drug Delivery System, Amorphous Microspheres and Crystalline Microspheres. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 5797-5810.	3.3	24
47	Preparation, in-vitro and in-vivo evaluation of Rifampicin and Vancomycin Co-loaded transfersomal gel for the treatment of cutaneous leishmaniasis. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101996.	1.4	24
48	Cilostazol-loaded solid lipid nanoparticles: Bioavailability and safety evaluation in an animal model. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103581.	1.4	24
49	Synthesis and Biological Evaluation of Benzimidazole Derivatives as Potential Neuroprotective Agents in an Ethanol-Induced Rodent Model. <i>ACS Chemical Neuroscience</i> , 2021, 12, 489-505.	1.7	23
50	Flurbiprofen-loaded nanoparticles prepared with polyvinylpyrrolidone using Shirasu porous glass membranes and a spray-drying technique: nano-sized formation and improved bioavailability. <i>Journal of Microencapsulation</i> , 2013, 30, 674-680.	1.2	22
51	Designing, Optimization and Characterization of Trifluralin Transfersomal Gel to Passively Target Cutaneous Leishmaniasis. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 1798-1811.	1.6	22
52	Revaprazan-loaded surface-modified solid dispersion: physicochemical characterization and <i>in vivo</i> evaluation. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 788-793.	1.1	21
53	Knowledge, attitude and perceptions about Crimean Congo Haemorrhagic Fever (CCHF) among occupationally high-risk healthcare professionals of Pakistan. <i>BMC Infectious Diseases</i> , 2021, 21, 35.	1.3	20
54	Cisplatin and oleanolic acid Co-loaded pH-sensitive CaCO ₃ nanoparticles for synergistic chemotherapy. <i>RSC Advances</i> , 2022, 12, 14808-14818.	1.7	20

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55	CORM-2-entrapped ultradeformable liposomes ameliorate acute skin inflammation in an ear edema model via effective CO delivery. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 2362-2373.	5.7	17
56	Formulation optimization, in vitro and in vivo evaluation of agomelatine-loaded nanostructured lipid carriers for augmented antidepressant effects. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 216, 112537.	2.5	16
57	<p>Electrospun Gelatin Nanocontainers for Enhanced Biopharmaceutical Performance of Piroxicam: In Vivo and In Vitro Investigations<p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8819-8828.	3.3	13
58	Amniotic membrane extract-loaded double-layered wound dressing: evaluation of gel properties and wound healing. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 852-859.	0.9	12
59	Neuroprotective effects of carnosine-loaded elastic liposomes in cerebral ischemia rat model. <i>Journal of Pharmaceutical Investigation</i> , 2020, 50, 373-381.	2.7	12
60	Advanced colloidal technologies for the enhanced bioavailability of drugs. <i>Cogent Medicine</i> , 2018, 5, 1480572.	0.7	11
61	Enhanced dissolution of valsartan-vanillin binary co-amorphous system loaded in mesoporous silica particles. <i>Journal of Microencapsulation</i> , 2019, 36, 10-20.	1.2	11
62	Pharmacist-led counselling intervention to improve antiretroviral drug adherence in Pakistan: a randomized controlled trial. <i>BMC Infectious Diseases</i> , 2020, 20, 874.	1.3	10
63	Fluconazole-loaded thermosensitive system: In vitro release, pharmacokinetics and safety study. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 67, 102972.	1.4	10
64	Eplerenone nanocrystals engineered by controlled crystallization for enhanced oral bioavailability. <i>Drug Delivery</i> , 2021, 28, 2510-2524.	2.5	10
65	Poor knowledge of university students regarding paracetamol; a wakeup call for public healthcare practitioners. <i>Cogent Medicine</i> , 2017, 4, 1320848.	0.7	6
66	Rectal Administration of Celecoxib Liquid Suppositories with Enhanced Bioavailability and Safety in Rats. <i>Current Drug Delivery</i> , 2023, 20, 201-210.	0.8	6
67	Effect of Sodium Taurocholate on Omeprazole Buccal Adhesive Tablet: Physicochemical Characterization and Pharmacokinetics in Hamster. <i>Current Pharmaceutical Analysis</i> , 2015, 11, 98-103.	0.3	5
68	Physicochemical Modifications and Nano Particulate Strategies for Improved Bioavailability of Poorly Water Soluble Drugs. <i>Pharmaceutical Nanotechnology</i> , 2018, 5, 276-284.	0.6	4
69	New [Pt(S2CNR2)Cl(PAr3)] complexes as anticancer agents. <i>Inorganic Chemistry Communication</i> , 2022, 136, 109142.	1.8	4
70	Gold nanorods: new generation drug delivery platform. , 2020, , 59-84.		3
71	Silymarin-Laden PVP-Nanocontainers Prepared Via the Electro spraying Technique for Improved Aqueous Solubility and Dissolution Rate. <i>Brazilian Archives of Biology and Technology</i> , 0, 62, .	0.5	3
72	Nanotheranostics: The Future Remedy of Neurological Disorders. <i>Nanotechnology in the Life Sciences</i> , 2021, , 117-154.	0.4	3

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73	Potential applications of PEGylated green gold nanoparticles in cyclophosphamide-induced cystitis. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2022, 50, 130-146.	1.9	3
74	Influence of levodropropizine and hydroxypropyl- β -cyclodextrin association on the physicochemical characteristics of levodropropizine loaded in hydroxypropyl- β -cyclodextrin microcontainers: Formulation and in vitro characterization. <i>Polimery W Medycynie</i> , 2019, 49, 35-43.	0.6	1
75	Emerging Lipid-Based Nanomaterials for Cancer Theranostics. <i>Nanotechnology in the Life Sciences</i> , 2021, , 125-159.	0.4	1
76	Introduction “ background and brief history of pharmaceutical wastewater. , 2021, , 1-15.		0
77	Onion (<i>Allium cepa</i> L.) yield and Phosphorus use efficiency as affected by plant extracted Humic acid application. <i>Pure and Applied Biology</i> , 2018, 7, .	0.1	0