

Shahzeb Khan

List of Publications by Year in descending order

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66
papers

2,561
citations

172386

29
h-index

197736

49
g-index

69
all docs

69
docs citations

69
times ranked

3367
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyaluronic acid, a promising skin rejuvenating biomedicine: A review of recent updates and pre-clinical and clinical investigations on cosmetic and nutricosmetic effects. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1682-1695.	3.6	261
2	Exploring recent developments to improve antioxidant, anti-inflammatory and antimicrobial efficacy of curcumin: A review of new trends and future perspectives. <i>Materials Science and Engineering C</i> , 2017, 77, 1316-1326.	3.8	194
3	Biopolymer-based biomaterials for accelerated diabetic wound healing: A critical review. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 975-993.	3.6	178
4	Nanoencapsulation, an efficient and promising approach to maximize wound healing efficacy of curcumin: A review of new trends and state-of-the-art. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 223-241.	2.5	148
5	Bioinspired sodium alginate based thermosensitive hydrogel membranes for accelerated wound healing. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 751-765.	3.6	141
6	PEGylation: a promising strategy to overcome challenges to cancer-targeted nanomedicines: a review of challenges to clinical transition and promising resolution. <i>Drug Delivery and Translational Research</i> , 2019, 9, 721-734.	3.0	117
7	Secondary Crystal Nucleation: Nuclei Breeding Factory Uncovered. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14681-14684.	7.2	92
8	Recent Advancements in Stimuli Responsive Drug Delivery Platforms for Active and Passive Cancer Targeting. <i>Cancers</i> , 2021, 13, 670.	1.7	79
9	Nanocrystal Preparation: Low-Energy Precipitation Method Revisited. <i>Crystal Growth and Design</i> , 2013, 13, 2766-2777.	1.4	70
10	Cell membrane cloaked nanomedicines for bio-imaging and immunotherapy of cancer: Improved pharmacokinetics, cell internalization and anticancer efficacy. <i>Journal of Controlled Release</i> , 2021, 335, 130-157.	4.8	69
11	Curcumin based nanomedicines as efficient nanoplatform for treatment of cancer: New developments in reversing cancer drug resistance, rapid internalization, and improved anticancer efficacy. <i>Trends in Food Science and Technology</i> , 2018, 80, 8-22.	7.8	63
12	Chitosan based thermosensitive injectable hydrogels for controlled delivery of loxoprofen: development, characterization and in-vivo evaluation. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 233-245.	3.6	60
13	Sesquiterpene lactone! a promising antioxidant, anticancer and moderate antinociceptive agent from <i>Artemisia macrocephala</i> jacquem. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 27.	3.7	55
14	Natural and synthetic polymer-based smart biomaterials for management of ulcerative colitis: a review of recent developments and future prospects. <i>Drug Delivery and Translational Research</i> , 2019, 9, 595-614.	3.0	55
15	Synthesis and Characterization of Biodegradable Hydrogels for Oral Delivery of 5-Fluorouracil Targeted to Colon: Screening with Preliminary In Vivo Studies. <i>Advances in Polymer Technology</i> , 2018, 37, 221-229.	0.8	49
16	Novel biodegradable pH-sensitive hydrogels: An efficient controlled release system to manage ulcerative colitis. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 83-96.	3.6	45
17	Phytotherapeutic potential of natural herbal medicines for the treatment of mild-to-severe atopic dermatitis: A review of human clinical studies. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 596-608.	2.5	43
18	Drug nanocarrier, the future of atopic diseases: Advanced drug delivery systems and smart management of disease. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 147, 475-491.	2.5	42

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19	Bio-functional hydrogel membranes loaded with chitosan nanoparticles for accelerated wound healing. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 207-221.	3.6	39
20	Curcumin-laden hyaluronic acid-co-Pullulan-based biomaterials as a potential platform to synergistically enhance the diabetic wound repair. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 350-368.	3.6	38
21	Aceclofenac nanocrystals with enhanced in vitro, in vivo performance: formulation optimization, characterization, analgesic and acute toxicity studies. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 2443-2452.	2.0	37
22	Nanomedicines as emerging platform for simultaneous delivery of cancer therapeutics: new developments in overcoming drug resistance and optimizing anticancer efficacy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1015-1024.	1.9	36
23	Fabrication, characterization and in vitro evaluation of silibinin nanoparticles: an attempt to enhance its oral bioavailability. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 1453-1464.	2.0	35
24	Extraction of saponins and toxicological profile of <i>Teucrium stocksianum</i> boiss extracts collected from District Swat, Pakistan. <i>Biological Research</i> , 2014, 47, 65.	1.5	33
25	Synthesis of PEG-4000-co-poly (AMPS) nanogels by cross-linking polymerization as highly responsive networks for enhancement in meloxicam solubility. <i>Drug Development and Industrial Pharmacy</i> , 2021, 47, 465-476.	0.9	33
26	Self-crosslinked chitosan/Î-carrageenan-based biomimetic membranes to combat diabetic burn wound infections. <i>International Journal of Biological Macromolecules</i> , 2022, 197, 157-168.	3.6	33
27	Domperidone nanocrystals with boosted oral bioavailability: fabrication, evaluation and molecular insight into the polymer-domperidone nanocrystal interaction. <i>Drug Delivery and Translational Research</i> , 2019, 9, 284-297.	3.0	32
28	Smart nanocrystals of artemether: fabrication, characterization, and comparative in vitro and in vivo antimalarial evaluation. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 3837-3850.	2.0	30
29	HEMA based pH-sensitive semi IPN microgels for oral delivery; a rationale approach for ketoprofen. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 272-282.	0.9	30
30	<p>Fabrication and characterization of glimepiride nanosuspension by ultrasonication-assisted precipitation for improvement of oral bioavailability and in vitro Î-glucosidase inhibition<p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6287-6296.	3.3	27
31	Dexibuprofen nanocrystals with improved therapeutic performance: fabrication, characterization, in silico modeling, and in vivo evaluation. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1677-1692.	3.3	25
32	Emerging Trends in Therapeutic Algorithm of Chronic Wound Healers: Recent Advances in Drug Delivery Systems, Concepts-to-Clinical Application and Future Prospects. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2017, 34, 387-452.	1.2	22
33	Evaluation of current trends and recent development in insulin therapy for management of diabetes mellitus. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2017, 11, S833-S839.	1.8	20
34	Experimental and molecular modeling approach to optimize suitable polymers for fabrication of stable fluticasone nanoparticles with enhanced dissolution and antimicrobial activity. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 255-269.	2.0	20
35	Nano-scaled materials may induce severe neurotoxicity upon chronic exposure to brain tissues: A critical appraisal and recent updates on predisposing factors, underlying mechanism, and future prospects. <i>Journal of Controlled Release</i> , 2020, 328, 873-894.	4.8	19
36	<p>Engineering of Naproxen Loaded Polymer Hybrid Enteric Microspheres for Modified Release Tablets: Development, Characterization, in silico Modelling and in vivo Evaluation<p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 27-41.	2.0	17

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37	Biofunctional Hyaluronic Acid/̢-Carrageenan Injectable Hydrogels for Improved Drug Delivery and Wound Healing. <i>Polymers</i> , 2022, 14, 376.	2.0	17
38	Fabrication, Characterization, and <i>In Vivo</i> Evaluation of Famotidine Loaded Solid Lipid Nanoparticles for Boosting Oral Bioavailability. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-10.	1.5	16
39	A new strategy for taste masking of azithromycin antibiotic: development, characterization, and evaluation of azithromycin titanium nanohybrid for masking of bitter taste using physisorption and panel testing studies. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 3855-3866.	2.0	15
40	Recent developments and advanced strategies for promoting burn wound healing. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 68, 103092.	1.4	13
41	Hybridization and functionalization with biological macromolecules synergistically improve biomedical efficacy of silver nanoparticles: Reconceptualization of in-vitro, in-vivo and clinical studies. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101169.	1.4	12
42	Simulation Models for Prediction of Bioavailability of Medicinal Drugs—the Interface Between Experiment and Computation. <i>AAPS PharmSciTech</i> , 2022, 23, 86.	1.5	12
43	Nanocrystal Recovery by Use of Carrier Particles. <i>Crystal Growth and Design</i> , 2014, 14, 1003-1009.	1.4	11
44	Secondary Crystal Nucleation: Nuclei Breeding Factory Uncovered. <i>Angewandte Chemie</i> , 2015, 127, 14894-14897.	1.6	11
45	Novel polymeric composites based on carboxymethyl chitosan and poly(acrylic acid): in vitro and in vivo evaluation. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 147.	1.7	11
46	Fabrication of Tamarindus indica seeds extract loaded-cream for photo-aged skin: Visioscan® studies. <i>Postepy Dermatologii i Alergologii</i> , 2017, 4, 339-345.	0.4	11
47	pH-Responsive Liposomes of Dioleoyl Phosphatidylethanolamine and Cholesteryl Hemisuccinate for the Enhanced Anticancer Efficacy of Cisplatin. <i>Pharmaceutics</i> , 2022, 14, 129.	2.0	11
48	A review of imperative concerns against clinical translation of nanomaterials: Unwanted biological interactions of nanomaterials cause serious nanotoxicity. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 59, 101867.	1.4	10
49	Core-shell Pluronic F127/chitosan based nanoparticles for effective delivery of methotrexate in the management of rheumatoid arthritis. <i>International Journal of Biological Macromolecules</i> , 2022, 213, 465-477.	3.6	10
50	Efficient design to fabricate smart Lumefantrine nanocrystals using DENA® particle engineering technology: Characterisation, in vitro and in vivo antimalarial evaluation and assessment of acute and sub-acute toxicity. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102228.	1.4	8
51	Larvicidal, insecticidal, brine shrimp cytotoxicity and anti-oxidant activities of Diospyros kaki (L.) reported from Pakistan. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 1239-43.	0.2	8
52	Multi-functionalization, a Promising Adaptation to Overcome Challenges to Clinical Translation of Nanomedicines as Nano-diagnostics and Nano-therapeutics for Breast Cancer. <i>Current Pharmaceutical Design</i> , 2021, 27, 4356-4375.	0.9	7
53	Norfloxacin Loaded Lipid Polymer Hybrid Nanoparticles for Oral Administration: Fabrication, Characterization, In Silico Modelling and Toxicity Evaluation. <i>Pharmaceutics</i> , 2021, 13, 1632.	2.0	7
54	Silver nanoparticles: a promising nanoplatform for targeted delivery of therapeutics and optimized therapeutic efficacy. , 2020, , 141-173.		5

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55	Comparative studies of binding potential of <i>Prunus armeniaca</i> and <i>Prunus domestica</i> gums in tablets formulations. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 909-14.	0.2	5
56	Isolation and preliminary evaluation of <i>Mulva Neglecta</i> mucilage: a novel tablet binder. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2016, 52, 201-210.	1.2	4
57	FABRICATION AND EVALUATION OF SMART NANOCRYSTALS OF ARTEMISININ FOR ANTIMALARIAL AND ANTIBACTERIAL EFFICACY. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2016, 14, 251-262.	0.3	4
58	Transport of trans-activator of transcription (TAT) peptide in tumour tissue model: evaluation of factors affecting the transport of TAT evidenced by flow cytometry. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 519-530.	1.2	4
59	A stable hydrocortisone nanosuspension for improved dissolution: Preparation, characterization and in vitro evaluation. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2017, 30, 1635-1643.	0.2	2
60	Prevalence of non alcoholic fatty liver and Non alcoholic Steatohepatitis in Peshawar Cantonment, Khyber Pakhtunkhwa, Pakistan. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018, 31, 193-198.	0.2	2
61	Antidiabetic potential of flavonoids from <i>Artemisia macrocephalla</i> Jaquem in streptozotocin-induced diabetic rats: Pharmacological and biochemical approach. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 2865-2871.	0.2	2
62	Interaction Analysis of Adenovirus L5 Protein With Pancreatic Cancer Cell Surface Receptor to Analyze Its Affinity for Oncolytic Virus Therapy. <i>Frontiers in Oncology</i> , 2022, 12, 832277.	1.3	2
63	Hyaluronic acid based nanomedicines as promising wound healers for acute-to-chronic wounds: a review of recent updates and emerging trends. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2023, 72, 252-270.	1.8	2
64	GC/MS analysis, anti-leishmanial and relaxant activity of essential oil of <i>Chenopodium ambrosioides</i> (L.) from Malakand region. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021, 34, 577-583.	0.2	0
65	Piroxicam loaded polymer hybrid microspheres based tablets with modified release kinetics: Development, characterization and in vivo evaluation. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021, 34, 327-335.	0.2	0
66	Curcumin-based strategies in wound healing and skin tissue regeneration. , 2022, , 243-272.		0