

Muhammad Khan Sarfraz

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

773

citations

16

h-index

26

g-index

67

ext. papers

1,040

ext. citations

3.9

avg, IF

4.2

L-index

#	Paper	IF	Citations
62	Bio-chemical characterization and in silico computational experimental properties of <i>Trianthema triquetra</i> Rottler & Willd.: A desert medicinal plant for industrial products. <i>Industrial Crops and Products</i> , 2022 , 177, 114474	5.9	1
61	Oral Dispersible Films from Product Development to End-User Acceptability: A Review.. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2022 , 39, 33-64	2.8	1
60	Development of Niacinamide/Ferulic Acid-Loaded Multiple Emulsion and Its / Investigation as a Cosmeceutical Product.. <i>BioMed Research International</i> , 2022 , 2022, 1725053	3	0
59	Optimization and validation of an analytical method for the estimation of methotrexate in rabbit plasma.. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2022 , 35, 267-272	0.4	
58	Effects of self-assembled cell-penetrating peptides and their nano-complexes on ABCB1 expression and activity. <i>Iranian Journal of Basic Medical Sciences</i> , 2021 , 24, 383-390	1.8	
57	Comparison of three synthetic transferrin mimetic small peptides to promote the blood-brain barrier penetration of vincristine liposomes for improved glioma targeted therapy.. <i>International Journal of Pharmaceutics</i> , 2021 , 613, 121395	6.5	5
56	Phytopharmacological Evaluation of Different Solvent Extract/Fractions From <i>L. Flowers</i> : From Traditional Therapies to Bioactive Compounds. <i>Frontiers in Pharmacology</i> , 2021 , 12, 708618	5.6	0
55	Phytochemical composition and in -vitro pharmacological evaluation of <i>Emex australis</i> Steinh: A natural source of enzyme inhibitors. <i>South African Journal of Botany</i> , 2021 ,	2.9	1
54	Development and In Vitro Evaluation of Controlled Release Viagra Containing Poloxamer-188 Using Gastroplus PBPK Modeling Software for In Vivo Predictions and Pharmacokinetic Assessments. <i>Pharmaceutics</i> , 2021 , 14,	5.2	8
53	Phytochemical profiling, In vitro antioxidant and identification of urease inhibitory metabolites from <i>Erythrina suberosa</i> flowers by GC-MS analysis and docking studies. <i>South African Journal of Botany</i> , 2021 , 143, 422-422	2.9	0
52	Prediction of pharmacokinetic parameters and dose of pregabalin gastroretentive formulation in healthy adults, healthy pediatrics and renal-impaired geriatrics. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 63, 102548	4.5	1
51	An update on actively targeted liposomes in advanced drug delivery to glioma. <i>International Journal of Pharmaceutics</i> , 2021 , 602, 120645	6.5	17
50	Neural stem cell-based in vitro bioassay for the assessment of neurotoxic potential of water samples. <i>Journal of Environmental Sciences</i> , 2021 , 101, 72-86	6.4	3
49	A comprehensive phytochemical, biological, toxicological and molecular docking evaluation of <i>Suaeda fruticosa</i> (L.) Forssk.: An edible halophyte medicinal plant. <i>Food and Chemical Toxicology</i> , 2021 , 154, 112348	4.7	5
48	Investigation into the biological properties, secondary metabolites composition, and toxicity of aerial and root parts of <i>Capparis spinosa</i> L.: An important medicinal food plant. <i>Food and Chemical Toxicology</i> , 2021 , 155, 112404	4.7	2
47	Surface modification with cholesteryl acetyl carnitine, a novel cationic agent, elevates cancer cell uptake of the PEGylated liposomes. <i>International Journal of Pharmaceutics</i> , 2021 , 609, 121148	6.5	1
46	Clinical insights into topically applied multipronged nanoparticles in subjects with atopic dermatitis. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 65, 102744	4.5	

45	Cytotoxicity and Immunogenicity Evaluation of Synthetic Cell-penetrating Peptides for Methotrexate Delivery.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021 , 20, 506-515	1.1	0
44	UHPLC-MS phytochemical profiling, biological propensities and studies of roots: a medicinal herb with multifunctional properties. <i>Drug Development and Industrial Pharmacy</i> , 2020 , 46, 861-868	3.6	4
43	Secondary Metabolites Profiling, Biological Activities and Computational Studies of Abutilon figarianum Webb (Malvaceae). <i>Processes</i> , 2020 , 8, 336	2.9	2
42	Comparison between Branded and Generic Furosemide 40 mg Tablets Using Thermal Gravimetric Analysis and Fourier Transform Infrared Spectroscopy. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2020 , 12, 489-498	1.1	3
41	Platinum complexes of curcumin delivered by dual-responsive polymeric nanoparticles improve chemotherapeutic efficacy based on the enhanced anti-metastasis activity and reduce side effects. <i>Acta Pharmaceutica Sinica B</i> , 2020 , 10, 1106-1121	15.5	29
40	Phytochemical profiling, antioxidant and antiproliferation potential of var.: Experimental analysis and in-silico validation. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 3025-3034	4	1
39	Multidirectional insights into the phytochemical, biological, and multivariate analysis of the famine food plant (<i>Calligonum polygonoides</i> L.): A novel source of bioactive phytochemicals. <i>Food Research International</i> , 2020 , 137, 109606	7	5
38	Prediction of lisinopril pediatric dose from the reference adult dose by employing a physiologically based pharmacokinetic model. <i>BMC Pharmacology & Toxicology</i> , 2020 , 21, 56	2.6	4
37	Antimicrobial, Anticancer and Multidrug-Resistant Reversing Activity of Novel Oxygen-, Sulfur- and Selenoflavones and Bioisosteric Analogues. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	5
36	Butylglyceryl Pectin Nanoparticles: Synthesis, Formulation and Characterization. <i>Polymers</i> , 2019 , 11,	4.5	14
35	Antibiotic Prescribing Practices and Errors among Hospitalized Pediatric Patients Suffering from Acute Respiratory Tract Infections: A Multicenter, Cross-Sectional Study in Pakistan. <i>Medicina (Lithuania)</i> , 2019 , 55,	3.1	10
34	Transdermal patches: Design and current approaches to painless drug delivery. <i>Acta Pharmaceutica</i> , 2019 , 69, 197-215	3.2	36
33	Synthesis, Study of the Biological Activity of New 1,2,4-Triazole Derivatives and Characteristics of the Relationship of the Structure and Biological Activity in a Series of the Latter. <i>ChemistrySelect</i> , 2019 , 4, 12386-12390	1.8	4
32	The Irrelevance of In Vitro Dissolution in Setting Product Specifications for Drugs Like Dextromethorphan That are Subject to Lysosomal Trapping. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 268-278	3.9	10
31	Capacity and willingness to use information technology for managing chronic diseases among patients: A cross-sectional study in Lahore, Pakistan. <i>PLoS ONE</i> , 2019 , 14, e0209654	3.7	10
30	No time to waste organic waste: Nanosizing converts remains of food processing into refined materials. <i>Journal of Environmental Management</i> , 2018 , 210, 114-121	7.9	27
29	Causality and preventability assessment of adverse drug events of antibiotics among inpatients having different lengths of hospital stay: a multicenter, cross-sectional study in Lahore, Pakistan. <i>BMC Pharmacology & Toxicology</i> , 2018 , 19, 34	2.6	5
28	Resuspendable Powders of Lyophilized Chalcogen Particles with Activity against Microorganisms. <i>Antioxidants</i> , 2018 , 7,	7.1	16

27	Milling the Mistletoe: Nanotechnological Conversion of African Mistletoe () Intoantimicrobial Materials. <i>Antioxidants</i> , 2018 , 7,	7.1	9
26	Influence of Education Level of Older Patients on Polypharmacy, Potentially Inappropriate Medications Listed in Beer's Criteria, and Unplanned Hospitalization: A Cross-Sectional Study in Lahore, Pakistan. <i>Medicina (Lithuania)</i> , 2018 , 54,	3.1	7
25	The Small Matter of a Red Ox, a Particularly Sensitive Pink Cat, and the Quest for the Yellow Stone of Wisdom. <i>Current Pharmacology Reports</i> , 2018 , 4, 380-396	5.5	1
24	Nano-sized Droplets of Self-Emulsifying System for Enhancing Oral Bioavailability of Chemotherapeutic Agent VP-16 in Rats: A Nano Lipid Carrier for BCS Class IV Drugs. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018 , 21, 398-408	3.4	10
23	Development of Dual Drug Loaded Nanosized Liposomal Formulation by A Reengineered Ethanolic Injection Method and Its Pre-Clinical Pharmacokinetic Studies. <i>Pharmaceutics</i> , 2018 , 10,	6.4	24
22	Causality and preventability assessment of adverse drug reactions and adverse drug events of antibiotics among hospitalized patients: A multicenter, cross-sectional study in Lahore, Pakistan. <i>PLoS ONE</i> , 2018 , 13, e0199456	3.7	9
21	Formulation and evaluation of diclofenac controlled release matrix tablets made of HPMC and Poloxamer 188 polymer: An assessment on mechanism of drug release. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018 , 31, 345-351	0.4	4
20	Nanosized Liposomes Containing Bile Salt: A Vesicular Nanocarrier for Enhancing Oral Bioavailability of BCS Class III Drug. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2017 , 20, 305-318	3.4	24
19	Natural Nanoparticles: A Particular Matter Inspired by Nature. <i>Antioxidants</i> , 2017 , 7,	7.1	96
18	Non-invasive strategies for targeting the posterior segment of eye. <i>International Journal of Pharmaceutics</i> , 2017 , 530, 326-345	6.5	32
17	Nanosizing Cynomorium: Thumbs up for Potential Antifungal Applications. <i>Inventions</i> , 2017 , 2, 24	2.9	13
16	Liposomal co-delivered oleanolic acid attenuates doxorubicin-induced multi-organ toxicity in hepatocellular carcinoma. <i>Oncotarget</i> , 2017 , 8, 47136-47153	3.3	22
15	Cross-linked guar gum and sodium borate based microspheres as colon-targeted anticancer drug delivery systems for 5-fluorouracil. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2017 , 30, 2329-2336	0.4	4
14	Inflammation Caused by Nanosized Delivery Systems: Is There a Benefit?. <i>Molecular Pharmaceutics</i> , 2016 , 13, 3270-8	5.6	5
13	Immune response to antituberculosis drug-loaded gelatin and polyisobutyl-cyanoacrylate nanoparticles in macrophages. <i>Therapeutic Delivery</i> , 2016 , 7, 213-28	3.8	9
12	Identification and characterization of in vivo metabolites of asulacrine using advanced mass spectrophotometry technique in combination with improved data mining strategy. <i>Journal of Chromatography A</i> , 2016 , 1444, 74-85	4.5	8
11	Integrated scientific data bases review on asulacrine and associated toxicity. <i>Critical Reviews in Oncology/Hematology</i> , 2016 , 104, 78-86	7	5
10	Hyaluronic Acid-Tocopherol Succinate-Based Self-Assembling Micelles for Targeted Delivery of Rifampicin to Alveolar Macrophages. <i>Journal of Biomedical Nanotechnology</i> , 2015 , 11, 1312-29	4	24

9	Physicochemical, in vitro and in vivo evaluation of flurbiprofen microemulsion. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015 , 87, 1823-31	1.4	16
8	Impact of tuberculosis treatment on health-related quality of life of pulmonary tuberculosis patients: a follow-up study. <i>Health and Quality of Life Outcomes</i> , 2014 , 12, 19	3	47
7	Sonic hedgehog signalling pathway: a complex network. <i>Annals of Neurosciences</i> , 2014 , 21, 28-31	1.1	106
6	Distribution of effervescent inhalable nanoparticles after pulmonary delivery: an in vivo study. <i>Therapeutic Delivery</i> , 2012 , 3, 725-34	3.8	20
5	Pulmonary delivery of inhalable nanoparticles: dry powder inhalers. <i>Therapeutic Delivery</i> , 2011 , 2, 1313-248	3.4	30
4	Microcalorimetric method to assess phagocytosis: macrophage-nanoparticle interactions. <i>AAPS Journal</i> , 2011 , 13, 20-9	3.7	5
3	In Vitro Release of Indian Penny Wort, Walnut, and Turmeric from Topical Preparations Using Two Different Types of Membranes. <i>Dissolution Technologies</i> , 2010 , 17, 27-32	1.7	7
2	Ethyl cellulose-based solid matrix system for sustaining release of naproxen. <i>Pakistan Journal of Biological Sciences</i> , 2007 , 10, 668-72	0.8	
1	Naproxen release from sustained release matrix system and effect of cellulose derivatives. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2006 , 19, 251-5	0.4	2