

Muhammad Khan Sarfraz

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

1,330
citations

430754

18
h-index

395590

33
g-index

67
all docs

67
docs citations

67
times ranked

1953
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural Nanoparticles: A Particular Matter Inspired by Nature. <i>Antioxidants</i> , 2018, 7, 3.	2.2	148
2	Sonic hedgehog signalling pathway: a complex network. <i>Annals of Neurosciences</i> , 2014, 21, 28-31.	0.9	146
3	Transdermal patches: Design and current approaches to painless drug delivery. <i>Acta Pharmaceutica</i> , 2019, 69, 197-215.	0.9	89
4	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.	1.0	63
5	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.	5.7	58
6	An update on actively targeted liposomes in advanced drug delivery to glioma. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120645.	2.6	51
7	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, 151.	2.0	47
8	Pulmonary delivery of inhalable nanoparticles: dry powder inhalers. <i>Therapeutic Delivery</i> , 2011, 2, 1313-1324.	1.2	44
9	Non-invasive strategies for targeting the posterior segment of eye. <i>International Journal of Pharmaceutics</i> , 2017, 530, 326-345.	2.6	40
10	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.	0.9	37
11	Hyaluronic Acid-Tocopherol Succinate-Based Self-Assembling Micelles for Targeted Delivery of Rifampicin to Alveolar Macrophages. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1312-1329.	0.5	34
12	Liposomal co-delivered oleanolic acid attenuates doxorubicin-induced multi-organ toxicity in hepatocellular carcinoma. <i>Oncotarget</i> , 2017, 8, 47136-47153.	0.8	34
13	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.	3.8	32
14	Distribution of effervescent inhalable nanoparticles after pulmonary delivery: an <i>in vivo</i> study. <i>Therapeutic Delivery</i> , 2012, 3, 725-734.	1.2	24
15	Butylglyceryl Pectin Nanoparticles: Synthesis, Formulation and Characterization. <i>Polymers</i> , 2019, 11, 789.	2.0	24
16	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> , 2022, 613, 121395.	2.6	24
17	Physicochemical, <i>in vitro</i> and <i>in vivo</i> evaluation of flurbiprofen microemulsion. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 1823-1831.	0.3	23
18	The Irrelevance of <i>In Vitro</i> 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.	1.6	20

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19	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, 44.	0.8	19
20	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.	1.1	18
21	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>Pharmaceuticals</i> , 2021, 14, 479.	1.7	18
22	Nanosizing Cynomorium: Thumbs up for Potential Antifungal Applications. <i>Inventions</i> , 2017, 2, 24.	1.3	17
23	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.	0.9	17
24	Resuspendable Powders of Lyophilized Chalcogen Particles with Activity against Microorganisms. <i>Antioxidants</i> , 2018, 7, 23.	2.2	17
25	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.	1.8	17
26	Antimicrobial, Anticancer and Multidrug-Resistant Reversing Activity of Novel Oxygen-, Sulfur- and Selenoflavones and Bioisosteric Analogues. <i>Pharmaceuticals</i> , 2020, 13, 453.	1.7	15
27	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.	1.1	14
28	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, 57.	0.8	13
29	Transferrin receptor-mediated liposomal drug delivery: recent trends in targeted therapy of cancer. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 685-705.	2.4	13
30	Milling the Mistletoe: Nanotechnological Conversion of African Mistletoe (<i>Loranthus micranthus</i>) Into antimicrobial Materials. <i>Antioxidants</i> , 2018, 7, 60.	2.2	12
31	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.	1.8	12
32	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.	2.9	11
33	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.	1.0	11
34	Development of Niacinamide/Ferulic Acid-Loaded Multiple Emulsion and Its In Vitro/In Vivo Investigation as a Cosmeceutical Product. <i>BioMed Research International</i> , 2022, 2022, 1-13.	0.9	11
35	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.	3.2	10
36	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.	0.2	10

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37	Immune response to antituberculosis drug-loaded gelatin and polyisobutyl-cyanoacrylate nanoparticles in macrophages. <i>Therapeutic Delivery</i> , 2016, 7, 213-228.	1.2	9
38	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.	1.8	8
39	Phytochemical profiling, antioxidant and antiproliferation potential of <i>Euphorbia milii</i> var.: Experimental analysis and in-silico validation. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3025-3034.	1.8	8
40	UHPLC-MS phytochemical profiling, biological propensities and in-silico studies of <i>Alhagi maurorum</i> roots: a medicinal herb with multifunctional properties. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 861-868.	0.9	8
41	Secondary Metabolites Profiling, Biological Activities and Computational Studies of <i>Abutilon figarianum</i> Webb (Malvaceae). <i>Processes</i> , 2020, 8, 336.	1.3	8
42	Integrated scientific data bases review on asulacrine and associated toxicity. <i>Critical Reviews in Oncology/Hematology</i> , 2016, 104, 78-86.	2.0	7
43	Inflammation Caused by Nanosized Delivery Systems: Is There a Benefit?. <i>Molecular Pharmaceutics</i> , 2016, 13, 3270-3278.	2.3	7
44	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.	1.0	7
45	In Vitro and In Vivo Evaluation of Oral Controlled Release Formulation of BCS Class I Drug Using Polymer Matrix System. <i>Pharmaceutics</i> , 2021, 14, 929.	1.7	7
46	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.	0.2	7
47	Discovery of Phenylcarbamoylazine-1,2,4-Triazole Amides Derivatives as the Potential Inhibitors of Aldo-Keto Reductases (AKR1B1 & AKR1B10): Potential Lead Molecules for Treatment of Colon Cancer. <i>Molecules</i> , 2022, 27, 3981.	1.7	7
48	Microcalorimetric Method to Assess Phagocytosis: Macrophage-Nanoparticle Interactions. <i>AAPS Journal</i> , 2011, 13, 20-29.	2.2	6
49	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.	0.7	6
50	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.	2.6	6
51	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.	0.2	6
52	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.	0.2	5
53	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, , .	1.2	3
54	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.	1.4	3

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55	Characterization and quantification of pH sensitive polymers used in drug targeting by inverse-phase gas chromatography and dynamic vapour sorption techniques. <i>Materials Express</i> , 2016, 6, 344-350.	0.2	2
56	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.	1.2	2
57	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, 422-427.	1.2	2
58	Simvastatin nanoparticles loaded polymeric film as a potential strategy for diabetic wound healing: in vitro and in vivo evaluation. <i>Current Drug Delivery</i> , 2021, 18, .	0.8	2
59	Phytopharmacological Evaluation of Different Solvent Extract/Fractions From <i>Sphaeranthus indicus</i> L. Flowers: From Traditional Therapies to Bioactive Compounds. <i>Frontiers in Pharmacology</i> , 2021, 12, 708618.	1.6	2
60	Ethyl Cellulose-Based Solid Matrix System for Sustaining Release of Naproxen. <i>Pakistan Journal of Biological Sciences</i> , 2007, 10, 668-672.	0.2	2
61	Naproxen release from sustained release matrix system and effect of cellulose derivatives. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2006, 19, 251-5.	0.2	2
62	Cytotoxicity and Immunogenicity Evaluation of Synthetic Cell-penetrating Peptides for Methotrexate Delivery.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 506-515.	0.3	2
63	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.	1.5	1
64	Clinical insights into topically applied multipronged nanoparticles in subjects with atopic dermatitis. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 65, 102744.	1.4	1
65	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.	2.5	1
66	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.	1.0	0
67	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.	0.2	0