Asim Ur Rehman

List of Publications by Year
in descending order

51 papers	1,489 citations	471509 17 h-index	330143 37 g-index
53 all docs	53 docs citations	53 times ranked	1930 citing authors

#	Article	IF	Citations
1	Recent applications of PLGA based nanostructures in drug delivery. Colloids and Surfaces B: Biointerfaces, 2017, 159, 217-231.	5.0	431
2	Nanotechnology: from In Vivo Imaging System to Controlled Drug Delivery. Nanoscale Research Letters, 2017, 12, 500.	5.7	94
3	Surfactant-Free, Self-Assembled Nanomicelles-Based Transdermal Hydrogel for Safe and Targeted Delivery of Methotrexate against Rheumatoid Arthritis. ACS Nano, 2020, 14, 4662-4681.	14.6	85
4	Proniosomes derived niosomes: recent advancements in drug delivery and targeting. Drug Delivery, 2017, 24, 56-69.	5.7	78
5	Enhancement in site-specific delivery of carvacrol for potential treatment of infected wounds using infection responsive nanoparticles loaded into dissolving microneedles: A proof of concept study. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 147, 57-68.	4.3	73
6	Recent trends, challenges and future outlook of transdermal drug delivery systems for rheumatoid arthritis therapy. Journal of Controlled Release, 2020, 327, 595-615.	9.9	72
7	Enhancement in Site-Specific Delivery of Carvacrol against Methicillin Resistant Staphylococcus aureus Induced Skin Infections Using Enzyme Responsive Nanoparticles: A Proof of Concept Study. Pharmaceutics, 2019, 11, 606.	4.5	46
8	Microneedle liquid injection system assisted delivery of infection responsive nanoparticles: A promising approach for enhanced site-specific delivery of carvacrol against polymicrobial biofilms-infected wounds. International Journal of Pharmaceutics, 2020, 587, 119643.	5.2	45
9	Development and In Vitro/In Vivo Evaluation of pH-Sensitive Polymeric Nanoparticles Loaded Hydrogel for the Management of Psoriasis. Nanomaterials, 2021, 11, 3433.	4.1	43
10	Biodegradable Ingredient-Based Emulgel Loaded with Ketoprofen Nanoparticles. AAPS PharmSciTech, 2018, 19, 1869-1881.	3.3	40
11	Lipid polymer hybrid carrier systems for cancer targeting: A review. International Journal of Polymeric Materials and Polymeric Biomaterials, 2018, 67, 86-100.	3.4	32
12	Development of novel pH-sensitive nanoparticle-based transdermal patch for management of rheumatoid arthritis. Nanomedicine, 2020, 15, 603-624.	3.3	28
13	Development and Evaluation of Optimized Thiolated Chitosan Proniosomal Gel Containing Duloxetine for Intranasal Delivery. AAPS PharmSciTech, 2019, 20, 288.	3.3	25
14	Development of an intelligent, stimuli-responsive transdermal system for efficient delivery of Ibuprofen against rheumatoid arthritis. International Journal of Pharmaceutics, 2021, 610, 121242.	5.2	25
15	Ligand decorated chitosan as an advanced nanocarrier for targeted delivery: a critical review. Nanomedicine, 2019, 14, 1623-1642.	3.3	24
16	Hydrogel Containing Solid Lipid Nanoparticles Loaded with Argan Oil and Simvastatin: Preparation, In Vitro and Ex Vivo Assessment. Gels, 2022, 8, 277.	4.5	23
17	Evaluation of current trends and recent development in insulin therapy for management of diabetes mellitus. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2017, 11, S833-S839.	3.6	20
18	New, Environment Friendly Approach for Synthesis of Amphiphilic PCLâ€“PEGâ€“PCL Triblock Copolymer: An Efficient Carrier for Fabrication of Nanomicelles. Journal of Polymers and the Environment, 2020, 28, 1237-1251.	5.0	17

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19	Exploiting recent trends for the synthesis and surface functionalization of mesoporous silica nanoparticles towards biomedical applications. International Journal of Pharmaceutics: X, 2022, 4, 100116.	1.6	17
20	Development, optimisation, and evaluation of nanoencapsulated diacerein emulgel for potential use in osteoarthritis. Journal of Microencapsulation, 2020, 37, 595-608.	2.8	16
21	Chitosan-chondroitin based artemether loaded nanoparticles for transdermal drug delivery system. Journal of Drug Delivery Science and Technology, 2021, 61, 102281.	3.0	16
22	Development and Evaluation of a Physiologically Based Pharmacokinetic Drug-Disease Model of Propranolol for Suggesting Model Informed Dosing in Liver Cirrhosis Patients. Drug Design, Development and Therapy, 2021, Volume 15, 1195-1211.	4.3	16
23	An efficient approach for development and optimisation of curcumin-loaded solid lipid nanoparticlesâ€™ patch for transdermal delivery. Journal of Microencapsulation, 2021, 38, 233-248.	2.8	16
24	Major Depressive Disorder: Existing Hypotheses about Pathophysiological Mechanisms and New Genetic Findings. Genes, 2022, 13, 646.	2.4	16
25	Exploiting proteases for cancer theranostic through molecular imaging and drug delivery. International Journal of Pharmaceutics, 2020, 587, 119712.	5.2	15
26	Proniosomes as a carrier system for transdermal delivery of clozapine. Drug Development and Industrial Pharmacy, 2020, 46, 946-954.	2.0	14
27	Clinical Pharmacokinetics of Propranolol Hydrochloride: A Review. Current Drug Metabolism, 2020, 21, 89-105.	1.2	14
28	Utilization Pattern of Antibiotics and Patient Care Indicators in the Teaching Hospitals, Islamabad, Pakistan. SN Comprehensive Clinical Medicine, 2019, 1, 812-816.	0.6	13
29	Recent trends and development in targeted delivery of therapeutics through enzyme responsive intelligent nanoplatform. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 403-413.	3.4	13
30	Audit of pre-operative antibiotic prophylaxis usage in elective surgical procedures in two teaching hospitals, Islamabad, Pakistan: An observationalÂcross-sectional study. PLoS ONE, 2020, 15, e0231188.	2.5	13
31	Development of novel biopolymer-based nanoparticles loaded cream for potential treatment of topical fungal infections. Drug Development and Industrial Pharmacy, 2021, 47, 1090-1099.	2.0	13
32	Monocyte as an Emerging Tool for Targeted Drug Delivery: A Review. Current Pharmaceutical Design, 2019, 24, 5296-5312.	1.9	12
33	Functionalised nanostructures for transdermal delivery of drug cargos. Journal of Drug Targeting, 2018, 26, 110-122.	4.4	11
34	A General Overview of Incidence, Associated Risk Factors, and Treatment Outcomes of Surgical Site Infections. Indian Journal of Surgery, 2020, 82, 449-459.	0.3	9
35	Assessment of Adverse Drug Events, Their Risk Factors, and Management Among Patients Treated for Multidrug-Resistant TB: A Prospective Cohort Study From Pakistan. Frontiers in Pharmacology, 2022, 13, .	3.5	9
36	Occurrence, associated risk factors, and treatment of surgical site infections in Pakistan. European Journal of Inflammation, 2020, 18, 205873922096054.	0.5	6

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37	Development of Resistant Starch Film Coated Microparticles for an Oral Colonâ€Specific Drug Delivery. Starch/Staerke, 2020, 72, 1900262.	2.1	6
38	Assessment of Factors Associated with Unfavorable Outcomes among Drug-Resistant TB Patients: A 6-Year Retrospective Study from Pakistan. International Journal of Environmental Research and Public Health, 2022, 19, 1574.	2.6	6
39	Audit of antibiotic prophylaxis and adherence of surgeons to standard guidelines in common abdominal surgical procedures. Eastern Mediterranean Health Journal, 2020, 26, 1052-1061.	0.8	5
40	Formulation and characterization of curcumin nanoparticles for skin cancer treatment. Applied Nanoscience (Switzerland), 2022, 12, 3421-3436.	3.1	5
41	Synthesis, molecular docking, and biological evaluation of 5â€alkyl(aryl)â€2â€isobutylthiazole derivatives: As Î±â€amylase, Î±â€glucosidase, and protein kinase inhibitors. Applied Organometallic Chemistry, 2022, 36, .	3.5	5
42	Perception of Surgical Teams Towards Surgical Site Infections in Tertiary Care Hospital Islamabad, Pakistan. Indian Journal of Surgery, 2020, 82, 394-401.	0.3	4
43	Voriconazole nanoparticles-based film forming spray: An efficient approach for potential treatment of topical fungal infections. Journal of Drug Delivery Science and Technology, 2021, , 102973.	3.0	3
44	Liquisolid Technique: a Novel Tool to Develop Aceclofenac-Loaded Eudragit L-100 and RS-100-Based Sustained Release Tablets. Journal of Pharmaceutical Innovation, 2021, 16, 659-671.	2.4	2
45	Effect of displacement on Adherence to TB Treatment:ÂAnÂobservational study in TB patients from InternallyÂDisplaced Persons of Pakistan. Pakistan Journal of Medical Sciences, 2021, 37, 675-679.	0.6	2
46	Development and In Vitro Characterization of Diacerein Loaded Chitosanâ€“Chondroitin Sulfate Nanoemulgel for Osteoarthritis. Materials Proceedings, 2021, 4, 47.	0.2	2
47	Formulation and in vitro evaluation of directly compressed controlled release tablets designed from the Co-precipitates. Pakistan Journal of Pharmaceutical Sciences, 2018, 31, 455-461.	0.2	2
48	Prescribing practices of antimicrobial prophylaxis in older patients in the surgical wards. Journal of Prescribing Practice, 2019, 1, 446-453.	0.1	1
49	Pattern of antibiotic prophylaxis usage and timing of administration in common paediatric surgeries:Âa retrospective cross-sectional study in teaching hospitals. Drugs and Therapy Perspectives, 2020, 36, 26-32.	0.6	1
50	Positivity, diagnosis and treatment follow-up of cutaneous leishmaniasis in war-affected areas of Bajaur, Pakistan. Parasitology Research, 2022, 121, 991-998.	1.6	1
51	Adjunctive vitamin D therapy in various diseases in children: a scenario according to standard guideline. BMC Pediatrics, 2022, 22, 257.	1.7	0