

# Muhammad Ali Syed

## List of Publications by Year in descending order

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44  
papers

576  
citations

623734  
14  
h-index

642732  
23  
g-index

46  
all docs

46  
docs citations

46  
times ranked

922  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymeric blends of okra gum/gelatin prepared by aqueous polymerization technique: their characterization and toxicological evaluation. <i>Polymer Bulletin</i> , 2022, 79, 5339-5363.	3.3	5
2	Evaluation and Optimization of Prolonged Release Mucoadhesive Tablets of Dexamethasone for Wound Healing: In Vitro–In Vivo Profiling in Healthy Volunteers. <i>Pharmaceutics</i> , 2022, 14, 807.	4.5	8
3	Smart mucoadhesive buccal chitosan/ HPMC scaffold for sore throat: In vitro, ex vivo and pharmacokinetic profiling in humans. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 71, 103271.	3.0	15
4	Validation of a rapid and economical RP-HPLC method for simultaneous determination of metformin hydrochloride and sitagliptin phosphate monohydrate: Greenness evaluation using AGREE score.. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2022, 35, 15-21.	0.2	0
5	Epidemiology and molecular characterization of <i>Staphylococcus aureus</i> causing bovine mastitis in water buffaloes from the Hazara division of Khyber Pakhtunkhwa, Pakistan. <i>PLoS ONE</i> , 2022, 17, e0268152.	2.5	2
6	Synthesis, characterization, computational, anticancer and anti-inflammatory studies of pregabalin esters and their complexes with heavy metals. <i>Journal of Molecular Structure</i> , 2022, 1264, 133234.	3.6	1
7	Exorbitant Drug Loading of Metformin and Sitagliptin in Mucoadhesive Buccal Tablet: In Vitro and In Vivo Characterization in Healthy Volunteers. <i>Pharmaceutics</i> , 2022, 15, 686.	3.8	5
8	COVID-19 third wave: A challenge for overburdened and shabby healthcare system of Pakistan. <i>Turkish Journal of Medical Sciences</i> , 2021, , .	0.9	0
9	Serosurvey and Risk Factors Associated with <i>Brucella</i> Infection in High Risk Occupations from District Lahore and Kasur of Punjab, Pakistan. <i>Pathogens</i> , 2021, 10, 620.	2.8	4
10	Diversity of Carbapenem Resistance Mechanisms in Clinical Gram-Negative Bacteria in Pakistan. <i>Microbial Drug Resistance</i> , 2021, 27, 760-767.	2.0	14
11	Metal complexes of pregabalin: Design, synthesis, characterization and biological evaluation. <i>Journal of Molecular Structure</i> , 2021, 1235, 130236.	3.6	3
12	Development and optimization of tizezonium iodide and lignocaine hydrochloride containing novel mucoadhesive buccal tablets: A pharmacokinetic investigation among healthy humans. <i>Drug Development and Industrial Pharmacy</i> , 2021, , 1-35.	2.0	10
13	Genetic Diversity of <i>Staphylococcus aureus</i> Strains from a Tertiary Care Hospital in Rawalpindi, Pakistan. <i>Microorganisms</i> , 2021, 9, 2301.	3.6	2
14	Nasal carriage of highly resistant methicillin resistant <i>Staphylococcus aureus</i> (MRSA) strains by hospital staff in Hazara region of Pakistan. <i>JPMA the Journal of the Pakistan Medical Association</i> , 2021, 71, 1-12.	0.2	2
15	Risk Factors for Acute Brucellosis in Patients on the Day of Admission at Selected Hospitals of Abbottabad, Pakistan. <i>Frontiers in Public Health</i> , 2021, 9, 669278.	2.7	3
16	Optimization of metronidazole SR buccal tablet for gingivitis using genetic algorithm.. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021, 34, 2149-2158.	0.2	1
17	Genotyping of methicillin-resistant <i>Staphylococcus aureus</i> from sepsis patients in Pakistan and detection of antibodies against staphylococcal virulence factors. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 85-92.	2.9	6
18	<i>Staphylococci</i> in poultry intestines: a comparison between farmed and household chickens. <i>Poultry Science</i> , 2020, 99, 4549-4557.	3.4	16

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19	Molecular characterization of multidrug-resistance in Gram-negative bacteria from the Peshawar teaching hospital, Pakistan. <i>New Microbes and New Infections</i> , 2019, 32, 100605.	1.6	15
20	Emergence of Vancomycin-Resistant <i>Enterococcus faecium</i> ST 80 in Pakistan. <i>Surgical Infections</i> , 2019, 20, 524-525.	1.4	2
21	Detection and Molecular Characterization of <i>Staphylococci</i> from Eggs of Household Chickens. <i>Foodborne Pathogens and Disease</i> , 2019, 16, 550-557.	1.8	7
22	Mathematical approaches for optimization of dengue fever dynamics. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2019, 10, 1950006.	1.4	0
23	Nanomaterials for Selective Targeting of Intracellular Pathogens. , 2019, , 115-136.		1
24	Detection and Molecular Characterization of Methicillin-Resistant <i>Staphylococcus aureus</i> from Table Eggs in Haripur, Pakistan. <i>Foodborne Pathogens and Disease</i> , 2018, 15, 86-93.	1.8	17
25	Hospital-acquired methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) from Pakistan: molecular characterisation by microarray technology. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 691-700.	2.9	19
26	Aptamers and Aptasensors as Novel Approach for Microbial Detection and Identification: An Appraisal. <i>Current Drug Targets</i> , 2018, 19, 1560-1572.	2.1	9
27	Prevalence of carbapenemase-producing organisms at the Kidney Center of Rawalpindi (Pakistan) and evaluation of an advanced molecular microarray-based carbapenemase assay. <i>Future Microbiology</i> , 2018, 13, 1225-1246.	2.0	21
28	Molecular Typing of ST239-MRSA-III From Diverse Geographic Locations and the Evolution of the SCCmec III Element During Its Intercontinental Spread. <i>Frontiers in Microbiology</i> , 2018, 9, 1436.	3.5	45
29	Development and evaluation of mucoadhesive buccal tablet containing metronidazole for the treatment of periodontitis and gingivitis. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018, 31, 1903-1910.	0.2	4
30	Computer Aided Formulation and Characterization of Propranolol Hcl Buccal Tablet Using Polymeric Blend. <i>The Open Conference Proceedings Journal</i> , 2017, 8, 1-13.	0.6	7
31	Choosing from Whole Cell and Acellular Pertussis Vaccines-Dilemma for the Developing Countries. <i>Iranian Journal of Public Health</i> , 2017, 46, 272-273.	0.5	1
32	Development of an ANN optimized mucoadhesive buccal tablet containing flurbiprofen and lidocaine for dental pain. <i>Acta Pharmaceutica</i> , 2016, 66, 245-256.	2.0	18
33	Altered Treg and cytokine responses in RSV-infected infants. <i>Pediatric Research</i> , 2016, 80, 702-709.	2.3	49
34	SPR immunosensor for the detection of <i>Staphylococcus aureus</i> . , 2016, , .		1
35	Shattering a myth - Whooping cough susceptible to antibiotics. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2016, 29, 985-90.	0.2	0
36	Advances in nanodiagnostic techniques for microbial agents. <i>Biosensors and Bioelectronics</i> , 2014, 51, 391-400.	10.1	53

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37	Seroprevalence of Bordetella pertussis antibodies to pertussis toxin among healthy children. Journal of the College of Physicians and Surgeons–Pakistan: JCPSP, 2012, 22, 677-8.	0.4	3
38	Whooping cough in Pakistan: Bordetella pertussis vs Bordetella parapertussis in 2005–2009. Scandinavian Journal of Infectious Diseases, 2011, 43, 818-820.	1.5	19
39	Gold Nanoparticle Based Microbial Detection and Identification. Journal of Biomedical Nanotechnology, 2011, 7, 229-237.	1.1	59
40	Advances in Aptamers. Oligonucleotides, 2010, 20, 215-224.	2.7	83
41	Antibacterial effects of Tungsten nanoparticles on the Escherichia coli strains isolated from catheterized urinary tract infection (UTI) cases and Staphylococcus aureus. New Microbiologica, 2010, 33, 329-35.	0.1	24
42	Antibacterial Effects of Silver Nanoparticles on the Bacterial Strains Isolated from Catheterized Urinary Tract Infection Cases. Journal of Biomedical Nanotechnology, 2009, 5, 209-214.	1.1	17
43	Seroepidemiology of Bordetella pertussis infections in the twin cities of Pakistan. North American Journal of Medical Sciences, 2009, 1, 353-5.	1.7	1
44	Remote magnetic navigation system provides a superior catheter stability in acquisition of His bundle electrogram. Journal of Interventional Cardiac Electrophysiology, 2008, 21, 209-213.	1.3	3