

Arshad Jawed

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

922
citations

471509

17
h-index

552781

26
g-index

64
all docs

64
docs citations

64
times ranked

1515
citing authors

#	ARTICLE	IF	CITATIONS
1	Developments in strategies for Quorum Sensing virulence factor inhibition to combat bacterial drug resistance. <i>Microbial Pathogenesis</i> , 2018, 121, 293-302.	2.9	83
2	Concomitant Production of Lipids and Carotenoids in <i>Rhodospiridium toruloides</i> under Osmotic Stress Using Response Surface Methodology. <i>Frontiers in Microbiology</i> , 2016, 7, 1686.	3.5	51
3	Isolation, Screening, and Identification of Novel Isolates of Actinomycetes from India for Antimicrobial Applications. <i>Frontiers in Microbiology</i> , 2016, 7, 1921.	3.5	51
4	Vismodegib, itraconazole and sonidegib as hedgehog pathway inhibitors and their relative competencies in the treatment of basal cell carcinomas. <i>Critical Reviews in Oncology/Hematology</i> , 2016, 98, 235-241.	4.4	46
5	Quorum sensing pathways in Gram-positive and -negative bacteria: potential of their interruption in abating drug resistance. <i>Journal of Chemotherapy</i> , 2019, 31, 161-187.	1.5	39
6	Recent developments and obstacles in the treatment of melanoma with BRAF and MEK inhibitors. <i>Critical Reviews in Oncology/Hematology</i> , 2018, 125, 84-88.	4.4	38
7	TNF- α -308 G>A (rs1800629) Polymorphism is Associated with Celiac Disease: A Meta-analysis of 11 Case-Control Studies. <i>Scientific Reports</i> , 2016, 6, 32677.	3.3	30
8	Interleukin-6-174G>C (rs1800795) polymorphism distribution and its association with rheumatoid arthritis: A case-control study and meta-analysis. <i>Autoimmunity</i> , 2017, 50, 158-169.	2.6	30
9	Therapeutic role of lipases and lipase inhibitors derived from natural resources for remedies against metabolic disorders and lifestyle diseases. <i>South African Journal of Botany</i> , 2019, 120, 25-32.	2.5	28
10	A Meta-analysis of MBL2 Polymorphisms and Tuberculosis Risk. <i>Scientific Reports</i> , 2016, 6, 35728.	3.3	27
11	Response Surface Methodology-Genetic Algorithm Based Medium Optimization, Purification, and Characterization of Cholesterol Oxidase from <i>Streptomyces rimosus</i> . <i>Scientific Reports</i> , 2018, 8, 10913.	3.3	27
12	Meta-analysis reveals <i>PTPN22</i> 1858C/T polymorphism confers susceptibility to rheumatoid arthritis in Caucasian but not in Asian population. <i>Autoimmunity</i> , 2016, 49, 197-210.	2.6	26
13	Implication of Industrial Waste for Biomass and Lipid Production in <i>Chlorella minutissima</i> Under Autotrophic, Heterotrophic, and Mixotrophic Grown Conditions. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 1581-1595.	2.9	23
14	Pharmacogenetic association between <i>NAT2</i> gene polymorphisms and isoniazid induced hepatotoxicity: trial sequence meta-analysis as evidence. <i>Bioscience Reports</i> , 2019, 39, .	2.4	23
15	Enhanced extraction of 3 β -demethylated colchicine from fermentation broth of <i>Bacillus megaterium</i>: Optimization of process parameters by statistical experimental design. <i>Engineering in Life Sciences</i> , 2011, 11, 598-606.	3.6	20
16	Cytomegalovirus aggravates the autoimmune phenomenon in systemic autoimmune diseases. <i>Microbial Pathogenesis</i> , 2018, 120, 132-139.	2.9	20
17	Transcriptome analysis of beta-lactamase genes in diarrheagenic <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2019, 9, 3626.	3.3	20
18	Immobilized chaperones: A productive alternative to refolding of bacterial inclusion body proteins. <i>Process Biochemistry</i> , 2008, 43, 587-597.	3.7	19

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19	Inhibition of C298S mutant of human aldose reductase for antidiabetic applications: Evidence from in silico elementary mode analysis of biological network model. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 6961-6973.	2.6	18
20	Microbes in gynecologic cancers: Causes or consequences and therapeutic potential. <i>Seminars in Cancer Biology</i> , 2022, 86, 1179-1189.	9.6	17
21	Construction of recombinant <i>Escherichia coli</i> for enhanced bioconversion of colchicine into 3-demethylated colchicine at 70l bioreactor level. <i>Process Biochemistry</i> , 2010, 45, 1036-1042.	3.7	16
22	Aspartate semialdehyde dehydrogenase as a potential therapeutic target of <i>Mycobacterium tuberculosis</i> H37Rv: Evidence from in silico elementary mode analysis of biological network model. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 2832-2842.	2.6	15
23	Bioengineered intravaginal isolate of <i>Lactobacillus plantarum</i> expresses algal lectin scytovirin demonstrating anti-HIV-1 activity. <i>Microbial Pathogenesis</i> , 2018, 122, 1-6.	2.9	14
24	Superantigen influence in conjunction with cytokine polymorphism potentiates autoimmunity in systemic lupus erythematosus patients. <i>Immunologic Research</i> , 2016, 64, 1001-1012.	2.9	13
25	MIF -173 G>C (rs755622) Gene Polymorphism Modulates Tuberculosis Risk: Evidence from a Meta-analysis and Trial Sequential Analysis. <i>Scientific Reports</i> , 2017, 7, 17003.	3.3	13
26	Fast and efficient detection of tuberculosis antigens using liposome encapsulated secretory proteins of <i>Mycobacterium tuberculosis</i> . <i>Journal of Microbiology, Immunology and Infection</i> , 2017, 50, 189-198.	3.1	12
27	Variants of SARS-CoV-2, their effects on infection, transmission and neutralization by vaccine-induced antibodies. <i>European Review for Medical and Pharmacological Sciences</i> , 2021, 25, 5857-5864.	0.7	12
28	Modeling and optimization of a continuous bead milling process for bacterial cell lysis using response surface methodology. <i>RSC Advances</i> , 2016, 6, 16348-16357.	3.6	11
29	Association of MBL2 gene polymorphisms with pulmonary tuberculosis susceptibility: trial sequence meta-analysis as evidence. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 185-210.	2.7	11
30	Enhanced bioconversion of colchicine to regiospecific 3-demethylated colchicine (3-DMC) by whole cell immobilization of recombinant <i>E. coli</i> harboring P450 BM-3 gene. <i>Process Biochemistry</i> , 2013, 48, 1151-1158.	3.7	10
31	Therapeutic potential and critical analysis of trastuzumab and bevacizumab in combination with different chemotherapeutic agents against metastatic breast/colorectal cancer affecting various endpoints. <i>Critical Reviews in Oncology/Hematology</i> , 2016, 104, 124-130.	4.4	10
32	Artificial Intelligence vs. Statistical Modeling and Optimization of Continuous Bead Milling Process for Bacterial Cell Lysis. <i>Frontiers in Microbiology</i> , 2016, 7, 1852.	3.5	9
33	A reappraised meta-analysis of the genetic association between vitamin D receptor <i>BsmI</i> (rs1544410) polymorphism and pulmonary tuberculosis risk. <i>Bioscience Reports</i> , 2017, 37, .	2.4	9
34	Niacin deficiency modulates genes involved in cancer: Are smokers at higher risk?. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 232-242.	2.6	9
35	Pembrolizumab's non-cross resistance mechanism of action successfully overthrown ipilimumab. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 111, 1-6.	4.4	8
36	Angiotensin-Converting Enzyme Gene I/D Polymorphism Is Associated With Systemic Lupus Erythematosus Susceptibility: An Updated Meta-Analysis and Trial Sequential Analysis. <i>Frontiers in Physiology</i> , 2018, 9, 1793.	2.8	8

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37	Impact of TNF -308 G>A (rs1800629) gene polymorphism in modulation of leprosy risk: a reappraise meta-analysis of 14 caseâ€“control studies. Bioscience Reports, 2017, 37, .	2.4	7
38	A trial sequential meta-analysis of <i>TNF- α -308G>A (rs800629) gene polymorphism and susceptibility to colorectal cancer. Bioscience Reports, 2019, 39, .	2.4	7
39	Impact of LMP7 (rs2071543) gene polymorphism in increasing cancer risk: evidence from a meta-analysis and trial sequential analysis. Oncotarget, 2018, 9, 6572-6585.	1.8	7
40	Genetic association study of P2x7 A1513C (rs 3751143) polymorphism and susceptibility to pulmonary tuberculosis: A meta-analysis based on the findings of 11 caseâ€“control studies. Asian Pacific Journal of Tropical Medicine, 2016, 9, 1150-1157.	0.8	6
41	<i>IL-10</i>-1082 A>G (rs1800896) polymorphism confers susceptibility to pulmonary tuberculosis in Caucasians but not in Asians and Africans: a meta-analysis. Bioscience Reports, 2017, 37, .	2.4	6
42	Differential pharmacology and clinical utility of sonidegib in advanced basal cell carcinoma. OncoTargets and Therapy, 2017, Volume 10, 515-520.	2.0	6
43	Crosstalk of Cyclin-dependent kinase inhibitor 1A (CDKN1A) gene polymorphism with p53 and CCND1 polymorphism in breast cancer. European Review for Medical and Pharmacological Sciences, 2021, 25, 4258-4273.	0.7	6
44	Optimization of Extraction Parameters for Enhanced Production of Ovotransferrin from Egg White for Antimicrobial Applications. BioMed Research International, 2015, 2015, 1-10.	1.9	5
45	AA genotype of cyclin D1 G870A polymorphism increases breast cancer risk: Findings of a caseâ€“control study and metaâ€“analysis. Journal of Cellular Biochemistry, 2019, 120, 16452-16466.	2.6	5
46	A trial sequential meta-analysis of IFN- γ +874 A>T (rs2430561) gene polymorphism and extrapulmonary tuberculosis risk. Microbial Pathogenesis, 2019, 130, 1-9.	2.9	5
47	IFN- γ +874 A>T (rs2430561) gene polymorphism and risk of pulmonary tuberculosis: a meta-analysis. Archives of Medical Science, 2021, 17, 177-188.	0.9	5
48	P2X7 1513 A>C Polymorphism Confers Increased Risk of Extrapulmonary Tuberculosis: A Meta-analysis of Case-Control Studies. Current Genomics, 2016, 17, 450-458.	1.6	5
49	Impact of p53 arg72pro SNP on Breast Cancer Risk in North Indian Population. Current Genomics, 2018, 19, 395-410.	1.6	5
50	Structural and metabolic correlation for Bacillus megaterium ACBT03 in response to colchicine biotransformation. Microbiology, 2011, 80, 758-767.	1.2	4
51	Vitamin D Receptor Apal (rs7975232) Polymorphism Confers Decreased Risk of Pulmonary Tuberculosis in Overall and African Population, but not in Asians: Evidence from a Meta-analysis. Annals of Clinical and Laboratory Science, 2017, 47, 628-637.	0.2	4
52	Efficient solvent system for maximizing 3-demethylated colchicine recovery using response surface methodology. Process Biochemistry, 2015, 50, 2307-2313.	3.7	3
53	Proteome mining for the identification and in-silico characterization of putative drug targets of multi-drug resistant Clostridium difficile strain 630. Journal of Microbiological Methods, 2017, 136, 6-10.	1.6	3
54	Improving Production of Tacrolimus In Streptomyces Tacrolimicus (ATCC 55098) Through Development of Novel Mutant by Dual Mutagenesis. Brazilian Archives of Biology and Technology, 2017, 60, .	0.5	3

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55	Fullerenes May Cause eIF Mediated Perturbation in Translational Machinery: Evidence from Analysis. <i>Annals of Clinical and Laboratory Science</i> , 2017, 47, 409-415.	0.2	3
56	Constrained azeotropic optimization of extraction system components for the safe and efficient recovery of a desired metabolite (e.g., 3-demethylated colchicine). <i>RSC Advances</i> , 2016, 6, 35498-35506.	3.6	2
57	Potency of inhibitors depends upon the accessibility of their aromatic rings within the hydrophobic specificity pocket: a novel avenue for future aldose reductase inhibitor design. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1512-1518.	3.5	2
58	A meta-analysis of <i>Nigella sativa</i> in respiratory disorders. , 2022, , 177-196.		2
59	Meta-analysis reveals no correlation of caveolin-1 G14713A (G>A) gene polymorphism with increased cancer risk in Taiwanese population. <i>International Journal of Health Sciences</i> , 2018, 12, 3-9.	0.4	2
60	Evaluation of Packed-Bed Reactor and Continuous Stirred Tank Reactor for the Production of Colchicine Derivatives. <i>ISRN Chemical Engineering</i> , 2013, 2013, 1-6.	1.2	1
61	Repurposed Drugs as a Ray of Hope for COVID-19 Patients. <i>Acta Scientific Microbiology</i> , 2021, 4, 23-27.	0.1	1
62	Meta-analysis Reveals No Association of DNMT3B -149 C>T Gene Polymorphism With Overall Cancer Risk. <i>Current Genomics</i> , 2016, 17, 528-537.	1.6	1
63	Efficient Purification of rhG-CSF and its PEGylated Forms and Evaluation for In Vitro Activities. <i>Protein and Peptide Letters</i> , 2015, 22, 877-884.	0.9	0