Arshad Jawed

List of Publications by Year
in descending order

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63	922	471371	552653
papers	citations	17	26
		h-index	g-index

64	64	64	1515
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Developments in strategies for Quorum Sensing virulence factor inhibition to combat bacterial drug resistance. Microbial Pathogenesis, 2018, 121, 293-302.	1.3	83
2	Concomitant Production of Lipids and Carotenoids in Rhodosporidium toruloides under Osmotic Stress Using Response Surface Methodology. Frontiers in Microbiology, 2016, 7, 1686.	1.5	51
3	Isolation, Screening, and Identification of Novel Isolates of Actinomycetes from India for Antimicrobial Applications. Frontiers in Microbiology, 2016, 7, 1921.	1.5	51
4	Vismodegib, itraconazole and sonidegib as hedgehog pathway inhibitors and their relative competencies in the treatment of basal cell carcinomas. Critical Reviews in Oncology/Hematology, 2016, 98, 235-241.	2.0	46
5	Quorum sensing pathways in Gram-positive and -negative bacteria: potential of their interruption in abating drug resistance. Journal of Chemotherapy, 2019, 31, 161-187.	0.7	39
6	Recent developments and obstacles in the treatment of melanoma with BRAF and MEK inhibitors. Critical Reviews in Oncology/Hematology, 2018, 125, 84-88.	2.0	38
7	TNF-Î± -308 Gâ€‰>â€‰A (rs1800629) Polymorphism is Associated with Celiac Disease: A Meta-analysis of 11 Case-Control Studies. Scientific Reports, 2016, 6, 32677.	1.6	30
8	Interleukin-6-174Gâ€‰>â€‰C (rs1800795) polymorphism distribution and its association with rheumatoid arthritis: A case-control study and meta-analysis. Autoimmunity, 2017, 50, 158-169.	1.2	30
9	Therapeutic role of lipases and lipase inhibitors derived from natural resources for remedies against metabolic disorders and lifestyle diseases. South African Journal of Botany, 2019, 120, 25-32.	1.2	28
10	A Meta-analysis of MBL2 Polymorphisms and Tuberculosis Risk. Scientific Reports, 2016, 6, 35728.	1.6	27
11	Response Surface Methodology-Genetic Algorithm Based Medium Optimization, Purification, and Characterization of Cholesterol Oxidase from Streptomyces rimosus. Scientific Reports, 2018, 8, 10913.	1.6	27
12	Meta-analysis reveals PTPN22 1858C/T polymorphism confers susceptibility to rheumatoid arthritis in Caucasian but not in Asian population. Autoimmunity, 2016, 49, 197-210.	1.2	26
13	Implication of Industrial Waste for Biomass and Lipid Production in Chlorella minutissima Under Autotrophic, Heterotrophic, and Mixotrophic Grown Conditions. Applied Biochemistry and Biotechnology, 2015, 176, 1581-1595.	1.4	23
14	Pharmacogenetic association between NAT2 gene polymorphisms and isoniazid induced hepatotoxicity: trial sequence meta-analysis as evidence. Bioscience Reports, 2019, 39, .	1.1	23
15	Enhanced extraction of 3â€demethylated colchicine from fermentation broth of Bacillus megaterium: Optimization of process parameters by statistical experimental design. Engineering in Life Sciences, 2011, 11, 598-606.	2.0	20
16	Cytomegalovirus aggravates the autoimmune phenomenon in systemic autoimmune diseases. Microbial Pathogenesis, 2018, 120, 132-139.	1.3	20
17	Transcriptome analysis of beta-lactamase genes in diarrheagenic Escherichia coli. Scientific Reports, 2019, 9, 3626.	1.6	20
18	Immobilized chaperones: A productive alternative to refolding of bacterial inclusion body proteins. Process Biochemistry, 2008, 43, 587-597.	1.8	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. Journal of Cellular Biochemistry, 2018, 119, 6961-6973.	1.2	18
20	Microbes in gynecologic cancers: Causes or consequences and therapeutic potential. Seminars in Cancer Biology, 2022, 86, 1179-1189.	4.3	17
21	Construction of recombinant Escherichia coli for enhanced bioconversion of colchicine into 3-demethylated colchicine at 70l bioreactor level. Process Biochemistry, 2010, 45, 1036-1042.	1.8	16
22	Aspartateâ€Î²â€semialdeyhyde dehydrogenase as a potential therapeutic target of Mycobacterium tuberculosis H37Rv: Evidence from in silico elementary mode analysis of biological network model. Journal of Cellular Biochemistry, 2018, 119, 2832-2842.	1.2	15
23	Bioengineered intravaginal isolate of Lactobacillus plantarum expresses algal lectin scytovirin demonstrating anti-HIV-1 activity. Microbial Pathogenesis, 2018, 122, 1-6.	1.3	14
24	Superantigen influence in conjunction with cytokine polymorphism potentiates autoimmunity in systemic lupus erythematosus patients. Immunologic Research, 2016, 64, 1001-1012.	1.3	13
25	MIF -173 Gâ€‰>â€‰C (rs755622) Gene Polymorphism Modulates Tuberculosis Risk: Evidence from a Meta-analysis and Trial Sequential Analysis. Scientific Reports, 2017, 7, 17003.	1.6	13
26	Fast and efficient detection of tuberculosis antigens using liposome encapsulated secretory proteins of Mycobacterium tuberculosis. Journal of Microbiology, Immunology and Infection, 2017, 50, 189-198.	1.5	12
27	Variants of SARS-CoV-2, their effects on infection, transmission and neutralization by vaccine-induced antibodies. European Review for Medical and Pharmacological Sciences, 2021, 25, 5857-5864.	0.5	12
28	Modeling and optimization of a continuous bead milling process for bacterial cell lysis using response surface methodology. RSC Advances, 2016, 6, 16348-16357.	1.7	11
29	Association of MBL2 gene polymorphisms with pulmonary tuberculosis susceptibility: trial sequence meta-analysis as evidence. Infection and Drug Resistance, 2019, Volume 12, 185-210.	1.1	11
30	Enhanced bioconversion of colchicine to regiospecific 3-demethylated colchicine (3-DMC) by whole cell immobilization of recombinant E. coli harboring P450 BM-3 gene. Process Biochemistry, 2013, 48, 1151-1158.	1.8	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. Critical Reviews in Oncology/Hematology, 2016, 104, 124-130.	2.0	10
32	Artificial Intelligence vs. Statistical Modeling and Optimization of Continuous Bead Milling Process for Bacterial Cell Lysis. Frontiers in Microbiology, 2016, 7, 1852.	1.5	9
33	A reappraised meta-analysis of the genetic association between vitamin D receptor BsmI (rs1544410) polymorphism and pulmonary tuberculosis risk. Bioscience Reports, 2017, 37, .	1.1	9
34	Niacin deficiency modulates genes involved in cancer: Are smokers at higher risk?. Journal of Cellular Biochemistry, 2019, 120, 232-242.	1.2	9
35	Pembrolizumabâ€™s non-cross resistance mechanism of action successfully overthrown ipilimumab. Critical Reviews in Oncology/Hematology, 2017, 111, 1-6.	2.0	8
36	Angiotensin-Converting Enzyme Gene I/D Polymorphism Is Associated With Systemic Lupus Erythematosus Susceptibility: An Updated Meta-Analysis and Trial Sequential Analysis. Frontiers in Physiology, 2018, 9, 1793.	1.3	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, .	1.1	7
38	A trial sequential meta-analysis of TNF-Î± â€“308G>A (rs800629) gene polymorphism and susceptibility to colorectal cancer. Bioscience Reports, 2019, 39, .	1.1	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.	0.8	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.	0.4	6
41	IL-10-1082 A>G (rs1800896) polymorphism confers susceptibility to pulmonary tuberculosis in Caucasians but not in Asians and Africans: a meta-analysis. Bioscience Reports, 2017, 37, .	1.1	6
42	Differential pharmacology and clinical utility of sonidegib in advanced basal cell carcinoma. OncoTargets and Therapy, 2017, Volume 10, 515-520.	1.0	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.	0.5	6
44	Optimization of Extraction Parameters for Enhanced Production of Ovotransferrin from Egg White for Antimicrobial Applications. BioMed Research International, 2015, 2015, 1-10.	0.9	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.	1.2	5
46	A trial sequential meta-analysis of IFN-Î³ +874 A>T (rs2430561) gene polymorphism and extrapulmonary tuberculosis risk. Microbial Pathogenesis, 2019, 130, 1-9.	1.3	5
47	IFN-Î³ +874 A>T (rs2430561) gene polymorphism and risk of pulmonary tuberculosis: aÂmeta-analysis. Archives of Medical Science, 2021, 17, 177-188.	0.4	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.	0.7	5
49	Impact of p53 arg72pro SNP on Breast Cancer Risk in North Indian Population. Current Genomics, 2018, 19, 395-410.	0.7	5
50	Structural and metabolic correlation for Bacillus megaterium ACBT03 in response to colchicine biotransformation. Microbiology, 2011, 80, 758-767.	0.5	4
51	Vitamin D Receptor ApaI (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.	1.8	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.	0.7	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. Annals of Clinical and Laboratory Science, 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). RSC Advances, 2016, 6, 35498-35506.	1.7	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. Journal of Biomolecular Structure and Dynamics, 2021, 39, 1512-1518.	2.0	2
58	A meta-analysis of Nigella sativa 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. International Journal of Health Sciences, 2018, 12, 3-9.	0.4	2
60	Evaluation of Packed-Bed Reactor and Continuous Stirred Tank Reactor for the Production of Colchicine Derivatives. ISRN Chemical Engineering, 2013, 2013, 1-6.	1.2	1
61	Repurposed Drugs as a Ray of Hope for COVID-19 Patients. Acta Scientific Microbiology, 2021, 4, 23-27.	0.0	1
62	Meta-analysis Reveals No Association of DNMT3B -149 C>T Gene Polymorphism With Overall Cancer Risk. Current Genomics, 2016, 17, 528-537.	0.7	1
63	Efficient Purification of rhG-CSF and its PEGylated Forms and Evaluation for In Vitro Activities. Protein and Peptide Letters, 2015, 22, 877-884.	0.4	0