

# Abdullah Shakir

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

637  
citations

623188

14  
h-index

610482

24  
g-index

45  
all docs

45  
docs citations

45  
times ranked

621  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the new potential antiviral constituents of <i>Moringa oleifera</i> for SARS-COV-2 pathogenesis: An in silico molecular docking and dynamic studies. <i>Chemical Physics Letters</i> , 2021, 767, 138379.	1.2	58
2	Renal toxicity of heavy metals (cadmium and mercury) and their amelioration with ascorbic acid in rabbits. <i>Environmental Science and Pollution Research</i> , 2019, 26, 3909-3920.	2.7	48
3	Carboxymethyl cellulase production optimization from newly isolated thermophilic <i>Bacillus subtilis</i> K-18 for saccharification using response surface methodology. <i>AMB Express</i> , 2017, 7, 29.	1.4	44
4	Current status of beta-thalassemia and its treatment strategies. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2021, 9, e1788.	0.6	44
5	Statistical Optimization of Saccharification of Alkali Pretreated Wheat Straw for Bioethanol Production. <i>Waste and Biomass Valorization</i> , 2016, 7, 1389-1396.	1.8	42
6	RSM based optimization of nutritional conditions for cellulase mediated Saccharification by <i>Bacillus cereus</i> . <i>Journal of Biological Engineering</i> , 2018, 12, 7.	2.0	40
7	Cardiac toxicity of heavy metals (cadmium and mercury) and pharmacological intervention by vitamin C in rabbits. <i>Environmental Science and Pollution Research</i> , 2020, 27, 29266-29279.	2.7	39
8	Toxicological effects of toxic metals (cadmium and mercury) on blood and the thyroid gland and pharmacological intervention by vitamin C in rabbits. <i>Environmental Science and Pollution Research</i> , 2019, 26, 16727-16741.	2.7	31
9	The protective role of ascorbic acid in the hepatotoxicity of cadmium and mercury in rabbits. <i>Environmental Science and Pollution Research</i> , 2019, 26, 14087-14096.	2.7	31
10	Brevilin A induces ROS-dependent apoptosis and suppresses STAT3 activation by direct binding in human lung cancer cells. <i>Journal of Cancer</i> , 2020, 11, 3725-3735.	1.2	27
11	Abnormal steroidogenesis, oxidative stress, and reprotoxicity following prepubertal exposure to butylparaben in mice and protective effect of <i>Curcuma longa</i> . <i>Environmental Science and Pollution Research</i> , 2021, 28, 6111-6121.	2.7	27
12	Therapeutic role of garlic and vitamins C and E against toxicity induced by lead on various organs. <i>Environmental Science and Pollution Research</i> , 2020, 27, 8953-8964.	2.7	24
13	Dose and duration-dependent toxicological evaluation of lead acetate in chicks. <i>Environmental Science and Pollution Research</i> , 2020, 27, 15149-15164.	2.7	24
14	Aging and its treatment with vitamin C: a comprehensive mechanistic review. <i>Molecular Biology Reports</i> , 2021, 48, 8141-8153.	1.0	17
15	Bioethanol Production Optimization from KOH-Pretreated <i>Bombax ceiba</i> Using <i>Saccharomyces cerevisiae</i> through Response Surface Methodology. <i>Fermentation</i> , 2022, 8, 148.	1.4	13
16	Alpha Solanine: A Novel Natural Bioactive Molecule with Anticancer Effects in Multiple Human Malignancies. <i>Nutrition and Cancer</i> , 2021, 73, 1541-1552.	0.9	12
17	Monitoring the impact of urban effluents on mineral contents of water and sediments of four sites of the river Ravi, Lahore. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 9705-9715.	1.3	11
18	Engineering drought tolerance in plants by modification of transcription and signalling factors. <i>Biotechnology and Biotechnological Equipment</i> , 2020, 34, 781-789.	0.5	11

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19	Study on Some Properties of Calcium-dependent $\alpha$ -Amylase from <i>Bacillus subtilis</i> through Submerged Fermentation of Wheat Bran. <i>Chemical and Biochemical Engineering Quarterly</i> , 2017, 30, 429-437.	0.5	10
20	A comprehensive review on anticancer mechanism of bazedoxifene. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 767-782.	1.4	10
21	Vitamin K: A novel cancer chemosensitizer. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 2641-2657.	1.4	10
22	Statistical Optimization of Xylanase from <i>Bacillus licheniformis</i> Using Banana Peels in Submerged Fermentation. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2020, 44, 981-991.	0.7	9
23	Evaluation of Cadmium Chloride-Induced Toxicity in Chicks Via Hematological, Biochemical Parameters, and Cadmium Level in Tissues. <i>Biological Trace Element Research</i> , 2021, 199, 3457-3469.	1.9	9
24	Impact of anthropogenic activities on physico-chemical parameters of water and mineral uptake in <i>Catla catla</i> from river Ravi, Pakistan. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 2833-2842.	1.3	5
25	<i>Hippophae rhamnoides</i> mediate gene expression profiles against keratinocytes infection of <i>Staphylococcus aureus</i> . <i>Molecular Biology Reports</i> , 2021, 48, 1409-1422.	1.0	5
26	ISOLATION OF CELLULOLYTIC BACTERIA FROM SOIL AND VALORIZATION OF DIFFERENT LIGNOCELLULOSIC WASTES FOR CELLULOSE PRODUCTION BY SUBMERGED FERMENTATION. <i>Cellulose Chemistry and Technology</i> , 2021, 55, 821-828.	0.5	5
27	An Overview of Production and Industrial Exploitation of Bacterial Laccases. <i>Punjab University Journal of Zoology</i> , 2020, 35, .	0.4	5
28	Effect of Different Pretreatment Conditions on <i>Saccharum spontaneum</i> for Cellulase Production by <i>B. subtilis</i> K-18 Through Boxâ€“Bhenken Design. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 313-320.	0.7	4
29	An Overview of Bacterial Lipases and their Enormous Applications. <i>Punjab University Journal of Zoology</i> , 2019, , .	0.4	4
30	PROTEASE PRODUCTION FROM <i>Bacillus safensis</i> IN SUBMERGED FERMENTATION USING RESPONSE SURFACE METHODOLOGY. <i>Revista Mexicana De Ingeniera Quimica</i> , 2018, 18, 375-385.	0.2	4
31	Examining muscles of <i>Cirrhinus mrigala</i> for biochemical parameters as a bio-indicator of water pollution by municipal and industrial effluents into River Ravi, Pakistan. <i>International Aquatic Research</i> , 2014, 6, 221-228.	1.5	3
32	Black coffee mitigates diethyl phthalate disrupted folliculogenesis, reduced gonadotropins, and ovarian lesions in female albino mice. <i>Environmental Science and Pollution Research</i> , 2022, 29, 47254-47266.	2.7	3
33	"CELLULOSE PRODUCTION OPTIMIZATION BY <i>BACILLUS AERIUS</i> THROUGH RESPONSE SURFACE METHODOLOGY IN SUBMERGED FERMENTATION ". <i>Cellulose Chemistry and Technology</i> , 2022, 56, 321-330.	0.5	3
34	Statistical optimization for deconstruction of poplar substrate by dilute sulfuric acid for bioethanol production. <i>Green Chemistry Letters and Reviews</i> , 2017, 10, 69-79.	2.1	2
35	Evaluation of sex steroid hormones and reproductive irregularities in diethyl phthalate-exposed premature mice: modulatory effect of raw honey against potential anomalies. <i>Environmental Science and Pollution Research</i> , 2021, 28, 55265-55276.	2.7	1
36	Repellent Potential of Three Medicinal Plant Extracts against <i>Tribolium castaneum</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.4	1

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37	Unraveling the Anticancer Components of Centipeda minima and their Cellular Targets in Human Cancers. Journal of Biologically Active Products From Nature, 2022, 12, 42-64.	0.1	1
38	Study of Induce Histological and Biochemical Alterations in Hypophthalmichthys molitrix after Acute Exposure to Deltamethrine. Punjab University Journal of Zoology, 2018, 33, .	0.4	0
39	Trend Towards Weaning Process of Infants Visiting OPD Pediatrics Unit: An Institutional Based Study. Punjab University Journal of Zoology, 2018, 33, .	0.4	0
40	Dilute Sulphuric Acid Pretreatment Optimization of Cotton Stalk for Cellulase Production through Box-Bhenken Design. Punjab University Journal of Zoology, 2018, 33, .	0.4	0
41	Baohuoside I Inhibits Benzo(a)Pyrene-Induced Metastasis in A549 Lung Cancer Cells by Modulating STAT3 and EMT. Pakistan Journal of Zoology, 2018, 50, .	0.1	0
42	Epigenetics: A Bridge between Artificial Light at Night and Breast Cancer. Punjab University Journal of Zoology, 2019, 34, .	0.4	0
43	Bioaccumulation of Metals in Fishesâ€™ Scales â€™ A Reliable Non-Lethal Assessor of Food Security. Sarhad Journal of Agriculture, 2020, 36, .	0.0	0
44	Effect of Bioprocess Parameters on Biofuel Production. Clean Energy Production Technologies, 2021, , 95-126.	0.3	0
45	Microbial Production of Lactic Acid â€™ A Review. Current Biotechnology, 2022, 11, 107-116.	0.2	0