

Iqbal Zafar

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

4,100
citations

101543

36
h-index

128289

60
g-index

116
all docs

116
docs citations

116
times ranked

6432
citing authors

#	ARTICLE	IF	CITATIONS
1	Alleviation of cadmium toxicity by silicon is related to elevated photosynthesis, antioxidant enzymes; suppressed cadmium uptake and oxidative stress in cotton. <i>Ecotoxicology and Environmental Safety</i> , 2013, 96, 242-249.	6.0	301
2	Acaricide resistance in cattle ticks and approaches to its management: The state of play. <i>Veterinary Parasitology</i> , 2014, 203, 6-20.	1.8	299
3	Ketamine Attenuates Delirium After Cardiac Surgery With Cardiopulmonary Bypass. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2009, 23, 651-657.	1.3	233
4	Homozygous and heterozygous disruptions of ANK3: at the crossroads of neurodevelopmental and psychiatric disorders. <i>Human Molecular Genetics</i> , 2013, 22, 1960-1970.	2.9	137
5	Anthelmintic activity of <i>Chenopodium album</i> (L.) and <i>Caesalpinia crista</i> (L.) against trichostrongylid nematodes of sheep. <i>Journal of Ethnopharmacology</i> , 2007, 114, 86-91.	4.1	131
6	Anthelmintic activity of <i>Artemisia brevifolia</i> in sheep. <i>Journal of Ethnopharmacology</i> , 2004, 93, 265-268.	4.1	110
7	Anthelmintic activity of <i>Calotropis procera</i> (Ait.) Ait. F. flowers in sheep. <i>Journal of Ethnopharmacology</i> , 2005, 102, 256-261.	4.1	110
8	Dominant β -catenin mutations cause intellectual disability with recognizable syndromic features. <i>Journal of Clinical Investigation</i> , 2014, 124, 1468-1482.	8.2	110
9	A new HPLC method for the simultaneous determination of ascorbic acid and amino thiols in human plasma and erythrocytes using electrochemical detection. <i>Talanta</i> , 2011, 84, 789-801.	5.5	94
10	CRISPR/Cas9: A Tool to Circumscribe Cotton Leaf Curl Disease. <i>Frontiers in Plant Science</i> , 2016, 7, 475.	3.6	88
11	Disruption of the Podosome Adaptor Protein TKS4 (SH3PXD2B) Causes the Skeletal Dysplasia, Eye, and Cardiac Abnormalities of Frank-Ter Haar Syndrome. <i>American Journal of Human Genetics</i> , 2010, 86, 254-261.	6.2	83
12	Postoperative Cognitive Dysfunction in Older Patients with a History of Alcohol Abuse. <i>Anesthesiology</i> , 2007, 106, 423-430.	2.5	76
13	De novo mutations in PLXND1 and REV3L cause M \ddot{A} rbius syndrome. <i>Nature Communications</i> , 2015, 6, 7199.	12.8	76
14	An inventory of the ethnobotanicals used as anthelmintics in the southern Punjab (Pakistan). <i>Journal of Ethnopharmacology</i> , 2006, 108, 152-154.	4.1	74
15	Gastrointestinal helminthiasis: prevalence and associated determinants in domestic ruminants of district Toba Tek Singh, Punjab, Pakistan. <i>Parasitology Research</i> , 2010, 107, 787-794.	1.6	74
16	Anthelmintic activity of <i>Ziziphus nummularia</i> (bark) and <i>Acacia nilotica</i> (fruit) against Trichostrongylid nematodes of sheep. <i>Journal of Ethnopharmacology</i> , 2009, 123, 325-329.	4.1	72
17	Bovine fasciolosis: Prevalence, effects of treatment on productivity and cost benefit analysis in five districts of Punjab, Pakistan. <i>Research in Veterinary Science</i> , 2009, 87, 70-75.	1.9	65
18	Point prevalence of gastrointestinal helminthiasis in ruminants in southern Punjab, Pakistan. <i>Journal of Helminthology</i> , 2007, 81, 323-328.	1.0	61

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19	Simultaneous determination of rosuvastatin and atorvastatin in human serum using RP-HPLC/UV detection: Method development, validation and optimization of various experimental parameters. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 557-563.	2.3	60
20	In vitro and In vivo anthelmintic activity of <i>Nicotiana tabacum</i> L. leaves against gastrointestinal nematodes of sheep. <i>Phytotherapy Research</i> , 2006, 20, 46-48.	5.8	58
21	Epidemiology of <i>Eimeria</i> and associated risk factors in cattle of district Toba Tek Singh, Pakistan. <i>Parasitology Research</i> , 2011, 108, 1171-1177.	1.6	58
22	NHS health checks through general practice: randomised trial of population cardiovascular risk reduction. <i>BMC Public Health</i> , 2012, 12, 944.	2.9	56
23	An account of the botanical anthelmintics used in traditional veterinary practices in Sahiwal district of Punjab, Pakistan. <i>Journal of Ethnopharmacology</i> , 2008, 119, 185-190.	4.1	55
24	Direct and indirect anthelmintic effects of condensed tannins in sheep. <i>Veterinary Parasitology</i> , 2007, 144, 125-131.	1.8	54
25	Ethnoveterinary practices of owners of pneumatic-cart pulling camels in Faisalabad City (Pakistan). <i>Journal of Ethnopharmacology</i> , 2005, 97, 241-246.	4.1	53
26	Impact of on-range choice feeding with black soldier fly larvae (<i>Hermetia illucens</i>) on flock performance, egg quality, and range use of free-range laying hens. <i>Animal Nutrition</i> , 2018, 4, 452-460.	5.1	53
27	Immunostimulatory and protective effects of <i>Aloe vera</i> against coccidiosis in industrial broiler chickens. <i>Veterinary Parasitology</i> , 2012, 186, 170-177.	1.8	52
28	Cross-sectional review of the response and treatment uptake from the NHS Health Checks programme in Stoke on Trent. <i>Journal of Public Health</i> , 2013, 35, 92-98.	1.8	50
29	Effects of genetic changes to the begomovirus/betasatellite complex causing cotton leaf curl disease in South Asia post-resistance breaking. <i>Virus Research</i> , 2014, 186, 114-119.	2.2	48
30	Prevalence and associated risk factors for bovine tick infestation in two districts of lower Punjab, Pakistan. <i>Preventive Veterinary Medicine</i> , 2009, 92, 386-391.	1.9	47
31	Effects of the mutation of selected genes of Cotton leaf curl Kokhran virus on infectivity, symptoms and the maintenance of Cotton leaf curl Multan betasatellite. <i>Virus Research</i> , 2012, 169, 107-116.	2.2	43
32	Prevalence of microvascular complications in newly diagnosed patients with Type 2 diabetes. <i>Pakistan Journal of Medical Sciences</i> , 2013, 29, 899-902.	0.6	43
33	An optimized and validated RP-HPLC/UV detection method for simultaneous determination of all-trans-Retinol (Vitamin A) and α -Tocopherol (Vitamin E) in human serum: Comparison of different particulate reversed-phase HPLC columns. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 2339-2347.	2.3	42
34	Detection of Multiple Potato Viruses in the Field Suggests Synergistic Interactions among Potato Viruses in Pakistan. <i>Plant Pathology Journal</i> , 2014, 30, 407-415.	1.7	40
35	Seasonal prevalence of coccidiosis in industrial broiler chickens in Faisalabad, Punjab, Pakistan. <i>Tropical Animal Health and Production</i> , 2012, 44, 323-328.	1.4	39
36	Potential drug-drug interactions in internal medicine wards in hospital setting in Pakistan. <i>International Journal of Clinical Pharmacy</i> , 2013, 35, 455-462.	2.1	39

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37	Anthelmintic activity of <i>Swertia chirata</i> against gastrointestinal nematodes of sheep. <i>FĀ-toterapĀ-Āϕ</i> , 2006, 77, 463-465.	2.2	34
38	Anthelmintic activity of <i>Trianthema portulacastrum</i> L. and <i>Musa paradisiaca</i> L. against gastrointestinal nematodes of sheep. <i>Veterinary Parasitology</i> , 2011, 179, 92-99.	1.8	34
39	CRISPR/Cas9: A Practical Approach in Date Palm Genome Editing. <i>Frontiers in Plant Science</i> , 2017, 8, 1469.	3.6	34
40	The Prediction of a New CLCuD Epidemic in the Old World. <i>Frontiers in Microbiology</i> , 2017, 8, 631.	3.5	34
41	Real-time quantitative PCR assay for the quantification of virus and satellites causing leaf curl disease in cotton in Pakistan. <i>Journal of Virological Methods</i> , 2017, 248, 54-60.	2.1	32
42	Efficacy of crude neem seed kernel extracts against natural infestation of <i>Sarcoptes scabiei</i> var. <i>ovis</i> . <i>Journal of Ethnopharmacology</i> , 2008, 115, 284-287.	4.1	31
43	Development and evaluation of diclofenac sodium thermoreversible subcutaneous drug delivery system. <i>International Journal of Pharmaceutics</i> , 2012, 439, 120-126.	5.2	31
44	A qualitative investigation of non-response in NHS health checks. <i>Archives of Public Health</i> , 2015, 73, 14.	2.4	31
45	In vivo anthelmintic activity of <i>Butea monosperma</i> against <i>Trichostrongylid</i> nematodes in sheep. <i>FĀ-toterapĀ-Āϕ</i> , 2006, 77, 137-140.	2.2	29
46	Identifying Genes Responsible for Intellectual Disability in Consanguineous Families. <i>Human Heredity</i> , 2014, 77, 150-160.	0.8	27
47	Method of invitation and geographical proximity as predictors of NHS Health Check uptake. <i>Journal of Public Health</i> , 2015, 37, 195-201.	1.8	27
48	Homozygous SLC6A17 Mutations Cause Autosomal-Recessive Intellectual Disability with Progressive Tremor, Speech Impairment, and Behavioral Problems. <i>American Journal of Human Genetics</i> , 2015, 96, 386-396.	6.2	27
49	Simultaneous determination of ascorbic acid, amino thiols, and methionine in biological matrices using ion-pairing RP-HPLC coupled with electrochemical detector. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2567-2575.	2.3	26
50	Studies on <i>Emblca officinalis</i> Derived Tannins for Their Immunostimulatory and Protective Activities against Coccidiosis in Industrial Broiler Chickens. <i>Scientific World Journal</i> , The, 2014, 2014, 1-10.	2.1	26
51	Prevalence of <i>Trypanosoma evansi</i> Infection in Equines and Camels in the Punjab Region, Pakistan. <i>Annals of the New York Academy of Sciences</i> , 2006, 1081, 322-324.	3.8	25
52	A compound heterozygous mutation in DPAGT1 results in a congenital disorder of glycosylation with a relatively mild phenotype. <i>European Journal of Human Genetics</i> , 2013, 21, 844-849.	2.8	25
53	Spectral, photophysical and photochemical properties of tetra- and octaglycosylated zinc phthalocyanines. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 679-686.	2.9	24
54	Exome Sequencing Identifies Three Novel Candidate Genes Implicated in Intellectual Disability. <i>PLoS ONE</i> , 2014, 9, e112687.	2.5	23

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55	Effect of ivermectin on the cellular and humoral immune responses of rabbits. <i>Life Sciences</i> , 2007, 80, 1966-1970.	4.3	22
56	Prevalence, associated determinants, and in vivo chemotherapeutic control of hard ticks (<i>Acarini</i>): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 2011, 108, 601-609.	1.6	22
57	Novel <i>UCHL1</i> mutations reveal new insights into ubiquitin processing. <i>Human Molecular Genetics</i> , 2017, 26, ddw391.	2.9	22
58	Silicon Alleviate Hypoxia Stress by Improving Enzymatic and Non-enzymatic Antioxidants and Regulating Nutrient Uptake in Muscadine Grape (<i>Muscadinia rotundifolia</i> Michx.). <i>Frontiers in Plant Science</i> , 2020, 11, 618873.	3.6	21
59	Kinetics of enhanced thermostability of an extracellular glucoamylase from <i>Arachniotus</i> sp. <i>Biotechnology Letters</i> , 2003, 25, 1667-1670.	2.2	19
60	First Report of <i>Tomato leaf curl Gujarat virus</i> , a Bipartite Begomovirus on Cotton Showing Leaf Curl Symptoms in Pakistan. <i>Plant Disease</i> , 2015, 99, 1655.	1.4	19
61	Family networks to improve outcomes in children with intellectual and developmental disorders: a qualitative study. <i>International Journal of Mental Health Systems</i> , 2014, 8, 7.	2.7	18
62	Maintenance of Cotton Leaf Curl Multan Betasatellite by Tomato Leaf Curl New Delhi Virus Analysis by Mutation. <i>Frontiers in Plant Science</i> , 2017, 8, 2208.	3.6	18
63	Induced Production of Exoglucanase, and α -D-Glucosidase from Fungal Co-Culture of <i>T. viride</i> and <i>G. lucidum</i> . <i>Advances in Bioscience and Biotechnology (Print)</i> , 2014, 05, 426-433.	0.7	17
64	Missense variants in <i>AIMP1</i> gene are implicated in autosomal recessive intellectual disability without neurodegeneration. <i>European Journal of Human Genetics</i> , 2016, 24, 392-399.	2.8	17
65	A Novel Deletion Mutation in Proteoglycan-4 Underlies Camptodactyly-Arthropathy-Coxa-Vara-Pericarditis Syndrome in a Consanguineous Pakistani Family. <i>Archives of Medical Research</i> , 2011, 42, 110-114.	3.3	16
66	Fabrication and comparison of dye-sensitized solar cells by using TiO ₂ and ZnO as photo electrode. <i>Optik</i> , 2019, 182, 175-180.	2.9	15
67	Manipulation of quorum sensing regulation in <i>Pseudomonas fluorescens</i> NCIMB 10586 to increase mupirocin production. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 1017-1026.	3.6	13
68	Induced Genetic Variations in Fruit Trees Using New Breeding Tools: Food Security and Climate Resilience. <i>Plants</i> , 2021, 10, 1347.	3.5	13
69	Development and evaluation of pluronic- and methylcellulose-based thermoreversible drug delivery system for insulin. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 1503-1508.	2.0	12
70	Silicon Nanoparticles Mitigate Hypoxia-Induced Oxidative Damage by Improving Antioxidants Activities and Concentration of Osmolytes in Southern Highbush Blueberry Plants. <i>Agronomy</i> , 2021, 11, 2143.	3.0	12
71	Contemporary management of $\text{inguinal disruption}^{\text{TM}}$ in the sportsman $^{\text{TM}}$ s groin. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2014, 6, 39.	1.7	11
72	A complex microcephaly syndrome in a Pakistani family associated with a novel missense mutation in <i>RBBP8</i> and a heterozygous deletion in <i>NRXN1</i> . <i>Gene</i> , 2014, 538, 30-35.	2.2	11

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73	Utilization of <i>Aspergillus oryzae</i> to produce pectin lyase from various agro-industrial residues. <i>Journal of Radiation Research and Applied Sciences</i> , 2014, 7, 327-332.	1.2	11
74	<i>Sesbania bispinosa</i> , a new host of a begomovirus-betasatellite complex in Pakistan. <i>Canadian Journal of Plant Pathology</i> , 2016, 38, 107-111.	1.4	11
75	Simultaneous determination of methotrexate and metoclopramide in physiological fluids using RP-HPLC with ultra-violet detection; application in evaluation of polymeric nanoparticles. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2017, 40, 1020-1030.	1.0	11
76	A novel homozygous 10 nucleotide deletion in BBS10 causes Bardet-Biedl syndrome in a Pakistani family. <i>Gene</i> , 2013, 519, 177-181.	2.2	10
77	Study of electrical, dielectric and magnetic properties of Dy-Co bi-substituted strontium hexaferrite nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4658-4664.	2.2	9
78	Next-Generation Sequencing and the CRISPR-Cas Nexus: A Molecular Plant Virology Perspective. <i>Frontiers in Microbiology</i> , 2020, 11, 609376.	3.5	9
79	Whole exome sequencing identification of a novel insertion mutation in the phospholipase C ϵ 1 gene in a family with steroid resistant inherited nephrotic syndrome. <i>Molecular Medicine Reports</i> , 2018, 18, 5095-5100.	2.4	9
80	A comprehensive analysis of breakpoint cluster region-abelson fusion oncogene splice variants in chronic myeloid leukemia and their correlation with disease biology. <i>Indian Journal of Human Genetics</i> , 2014, 20, 64.	0.7	8
81	One-year cardiovascular risk and quality of life changes in participants of a health trainer service. <i>Perspectives in Public Health</i> , 2014, 134, 135-144.	1.6	8
82	CRISPR technology to combat plant RNA viruses: A theoretical model for Potato virus Y (PVY) resistance. <i>Microbial Pathogenesis</i> , 2019, 133, 103551.	2.9	8
83	Vasorelaxant activities and the underlying pharmacological mechanisms of <i>Gynura procumbens</i> Merr. leaf extracts on rat thoracic aorta. <i>Inflammopharmacology</i> , 2019, 27, 421-431.	3.9	8
84	Molecular characterization of Hollyhock leaf curl virus and associated DNA-satellites infecting <i>Malva parviflora</i> in Pakistan. <i>Canadian Journal of Plant Pathology</i> , 2017, 39, 229-234.	1.4	7
85	TMEM230 variants in Parkinson's disease. <i>Nature Genetics</i> , 2019, 51, 366-366.	21.4	7
86	Multivariate approaches evaluated in the ethnoecological investigation of Tehsil Oghi, Mansehra, Pakistan. <i>Acta Ecologica Sinica</i> , 2019, 39, 443-450.	1.9	7
87	Natural occurrence of mesta yellow vein mosaic virus and DNA-satellites in ornamental sunflower (<i>Helianthus</i> spp.) in Pakistan. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6621-6630.	3.8	7
88	Contribution of Individual Risk Factor Changes to Reductions in Population Absolute Cardiovascular Risk. <i>BioMed Research International</i> , 2014, 2014, 1-6.	1.9	6
89	Identification of pedilanthus leaf curl virus and associated betasatellite infecting turnip in Pakistan. <i>Journal of Plant Pathology</i> , 2018, 100, 317-321.	1.2	6
90	Global Expression Studies of Schizophrenic Brain: A Meta-Analysis Study Linking Neurological Immune System with Psychological Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 477-488.	1.4	6

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91	Effect of oxytocin on serum biochemistry, liver enzymes, and metabolic hormones in lactating Nili Ravi buffaloes. <i>Tropical Animal Health and Production</i> , 2015, 47, 21-27.	1.4	5
92	The 35-amino acid C2 protein of Cotton leaf curl Kokhran virus, Burewala, implicated in resistance breaking in cotton, retains some activities of the full-length protein. <i>Virus Genes</i> , 2016, 52, 688-697.	1.6	5
93	CRISPR/Cas9: A New Genome Editing Tool to Accelerate Cotton (<i>Gossypium</i> spp.) Breeding. , 2019, , 61-84.		5
94	Cotton Leaf Curl Multan Betasatellite as a Tool to Study the Localization of Geminiviruses in Plants. <i>Molecular Biology</i> , 2021, 55, 83-91.	1.3	4
95	Clinical investigations on gastroprotective effects of ethanolic extract of <i>Phyllanthus emblica</i> Linn fruits. <i>Journal of Herbal Medicine</i> , 2017, 7, 11-17.	2.0	3
96	Molecular characterization of ageratum enation virus and DNA-satellites associated with yellowing and leaf curl symptoms on mulberry in Pakistan. <i>Canadian Journal of Plant Pathology</i> , 2018, 40, 442-449.	1.4	3
97	The antisense 5' end of the V2 gene confers enhanced resistance against the monopartite begomovirus cotton leaf curl Kokhran virus-Burewala strain. <i>Acta Virologica</i> , 2019, 63, 26-35.	0.8	3
98	Field application of ACC-deaminase biotechnology for improving chickpea productivity in Bahawalpur. <i>Soil and Environment</i> , 2017, 36, .	1.1	3
99	A preliminary passive surveillance of clinical diseases of cart pulling camels in Faisalabad metropolis (Pakistan). <i>Preventive Veterinary Medicine</i> , 2006, 76, 273-279.	1.9	2
100	STIXGEN - A Novel Framework for Automatic Generation of Structured Cyber Threat Information. , 2018, , .		2
101	Characterization of sida golden mottle virus isolated from <i>Sida santarensis</i> Monteiro in Florida. <i>Archives of Virology</i> , 2018, 163, 2907-2911.	2.1	2
102	CRISPR-Cas Based Precision Breeding in Date Palm: Future Applications. <i>Compendium of Plant Genomes</i> , 2021, , 169-199.	0.5	2
103	Effects of the transient expression of heterologous RNA virus-encoded silencing suppressors on the infectivity and systemic movement of tomato leaf curl New Delhi virus. <i>Australasian Plant Pathology</i> , 2020, 49, 531-540.	1.0	1
104	Complete Genome Sequence of a New Strain of Sida Golden Mosaic Backup Virus from Florida, USA. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	1
105	Induced Mutagenesis in Date Palm (<i>Phoenix dactylifera</i> L.) Breeding. <i>Compendium of Plant Genomes</i> , 2021, , 121-154.	0.5	1
106	Immunocapture PCR Detection of ToLCNDV from Plant Extract by using Heterologous Virus Coat Protein Antisera. <i>Pakistan Journal of Zoology</i> , 2017, 49, 1025-1031.	0.2	1
107	Analysis of the effects of the mutation of selected genes of pedilanthus leaf curl virus on infectivity, symptoms and the maintenance of tobacco leaf curl betasatellite. <i>Canadian Journal of Plant Pathology</i> , 0, , .	1.4	1
108	A de novo microdeletion in NRXN1 in a Dutch patient with mild intellectual disability, microcephaly and gonadal dysgenesis. <i>Genetical Research</i> , 2015, 97, e19.	0.9	0

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109	Rare variants in dementia genes and Parkinson's disease. European Journal of Human Genetics, 2016, 24, 1661-1662.	2.8	0
110	Replication of DNA Satellites and Their Role in Viral Pathogenesis. , 2019, , 147-169.		0
111	Whole-Genome Mapping of Date Palm (Phoenix Dactylifera L.). Compendium of Plant Genomes, 2021, , 181-199.	0.5	0
112	Application of Genome Editing Tools to Accelerate Potato (Solanum tuberosum L.) Breeding. , 2021, , 489-512.		0
113	Amino acid profiling of yeast cream; a potential protein enriched ingredient for poultry feed. Journal of Microbiology, Biotechnology and Food Sciences, 2016, 05, 369-373.	0.8	0
114	Begomovirus Diversity and Management in Leguminous Vegetables and Other Hosts. , 2019, , 343-384.		0
115	Next-Generation Sequencing Identifies a Previously Uncharacterized Gene ANKRD36 As a Common Biomarker for Blast Crisis Chronic Myeloid Leukemia: Molecular and Protein Bio-Modeling Studies. Blood, 2020, 136, 32-33.	1.4	0