

Furhan Iqbal

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

1,367
citations

331538

21
h-index

414303

32
g-index

109
all docs

109
docs citations

109
times ranked

2009
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnolol, a natural compound, induces apoptosis of SGC-7901 human gastric adenocarcinoma cells via the mitochondrial and PI3K/Akt signaling pathways. <i>International Journal of Oncology</i> , 2012, 40, 1153-1161.	1.4	95
2	Oocyte quality is decreased in women with minimal or mild endometriosis. <i>Scientific Reports</i> , 2015, 5, 10779.	1.6	95
3	A homozygous FANCM frameshift pathogenic variant causes male infertility. <i>Genetics in Medicine</i> , 2019, 21, 62-70.	1.1	69
4	A study on the prevalence of a tick-transmitted pathogen, <i>Theileria annulata</i> , and hematological profile of cattle from Southern Punjab (Pakistan). <i>Parasitology Research</i> , 2011, 109, 1155-1160.	0.6	52
5	IsomiR Bank: a research resource for tracking IsomiRs. <i>Bioinformatics</i> , 2016, 32, 2069-2071.	1.8	52
6	Specific Deletion of Cdh2 in Sertoli Cells Leads to Altered Meiotic Progression and Subfertility of Mice1. <i>Biology of Reproduction</i> , 2015, 92, 79.	1.2	50
7	DeAnnIso: a tool for online detection and annotation of isomiRs from small RNA sequencing data. <i>Nucleic Acids Research</i> , 2016, 44, W166-W175.	6.5	41
8	Short term exposure to titanium, aluminum and vanadium (Ti 6Al 4V) alloy powder drastically affects behavior and antioxidant metabolites in vital organs of male albino mice. <i>Toxicology Reports</i> , 2018, 5, 765-770.	1.6	37
9	A report on the high prevalence of <i>Anaplasma</i> sp. in buffaloes from two provinces in Pakistan. <i>Ticks and Tick-borne Diseases</i> , 2013, 4, 395-398.	1.1	34
10	Detection of <i>Babesia bovis</i> in blood samples and its effect on the hematological and serum biochemical profile in large ruminants from Southern Punjab. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 104-108.	0.5	31
11	Effects of glutathione-S-transferase polymorphisms on the risk of breast cancer: A population-based case-control study in Pakistan. <i>Environmental Toxicology and Pharmacology</i> , 2013, 35, 143-153.	2.0	31
12	A study on the determination of risk factors associated with babesiosis and prevalence of <i>Babesia</i> sp., by PCR amplification, in small ruminants from Southern Punjab (Pakistan). <i>Parasite</i> , 2011, 18, 229-234.	0.8	29
13	DeAnnCNV: a tool for online detection and annotation of copy number variations from whole-exome sequencing data. <i>Nucleic Acids Research</i> , 2015, 43, W289-W294.	6.5	29
14	Effect of age and gender on some blood biochemical parameters of apparently healthy small ruminants from Southern Punjab in Pakistan. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 304-306.	0.5	28
15	miR-214-mediated downregulation of RNF8 induces chromosomal instability in ovarian cancer cells. <i>Cell Cycle</i> , 2014, 13, 3519-3528.	1.3	28
16	Molecular genetic studies and delineation of the oculocutaneous albinism phenotype in the Pakistani population. <i>Orphanet Journal of Rare Diseases</i> , 2012, 7, 44.	1.2	26
17	Creatine monohydrate supplementation for 10 weeks mediates neuroprotection and improves learning/memory following neonatal hypoxia ischemia encephalopathy in female albino mice. <i>Brain Research</i> , 2015, 1595, 92-100.	1.1	26
18	The identification of novel mutations in the biotinidase gene using denaturing high pressure liquid chromatography (dHPLC). <i>Molecular Genetics and Metabolism</i> , 2010, 100, 42-45.	0.5	25

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19	Oral supplementation of <i>Ocimum basilicum</i> has the potential to improve the locomotory, exploratory, anxiolytic behavior and learning in adult male albino mice. <i>Neurological Sciences</i> , 2015, 36, 73-78.	0.9	23
20	Aluminum chloride-induced amyloid β^2 accumulation and endoplasmic reticulum stress in rat brain are averted by melatonin. <i>Food and Chemical Toxicology</i> , 2020, 146, 111829.	1.8	23
21	A comparison of two different techniques for the detection of blood parasite, <i>Theileria annulata</i> , in cattle from two districts in Khyber Pakhtoon Khwa Province (Pakistan). <i>Parasite</i> , 2012, 19, 91-95.	0.8	22
22	Molecular detection of <i>Ehrlichia canis</i> in dogs from three districts in Punjab (Pakistan). <i>Veterinary Medicine and Science</i> , 2018, 4, 126-132.	0.6	22
23	A comparison of the presence of <i>Theileria ovis</i> by PCR amplification of their SSU rRNA gene in small ruminants from two provinces of Pakistan. <i>Asian Pacific Journal of Tropical Disease</i> , 2012, 2, 43-47.	0.5	21
24	A Report on Molecular Detection and Phylogenetic Evaluation of <i>Anaplasma marginale</i> in Ticks and Blood Samples Collected from Cattle in District Layyah in Punjab (Pakistan). <i>Current Microbiology</i> , 2021, 78, 274-281.	1.0	20
25	Long term creatine monohydrate supplementation, following neonatal hypoxic ischemic insult, improves neuromuscular coordination and spatial learning in male albino mouse. <i>Brain Research</i> , 2015, 1603, 76-83.	1.1	19
26	A TOP6BL mutation abolishes meiotic DNA double-strand break formation and causes human infertility. <i>Science Bulletin</i> , 2020, 65, 2120-2129.	4.3	18
27	Specific deficiency of Plzf paralog, <i>Zbtb20</i> , in Sertoli cells does not affect spermatogenesis and fertility in mice. <i>Scientific Reports</i> , 2014, 4, 7062.	1.6	17
28	Molecular detection and prevalence of <i>Theileria ovis</i> and <i>Anaplasma marginale</i> in sheep blood samples collected from Layyah district in Punjab, Pakistan. <i>Tropical Animal Health and Production</i> , 2021, 53, 439.	0.5	17
29	Effect of GABA Antagonist (CGP35348) on Learning and Memory in Albino Mice. <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	0.8	15
30	First Report Regarding the Simultaneous Molecular Detection of <i>Anaplasma marginale</i> and <i>Theileria annulata</i> in Equine Blood Samples Collected from Southern Punjab in Pakistan. <i>Acta Parasitologica</i> , 2020, 65, 259-263.	0.4	14
31	Effect of Variable Doses of Zinc Oxide Nanoparticles on Male Albino Mice Behavior. <i>Neurochemical Research</i> , 2017, 42, 439-445.	1.6	13
32	Biocompatibility of cobalt iron oxide magnetic nanoparticles in male rabbits. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 2222-2227.	1.2	12
33	Prevalence of <i>Anaplasma marginale</i> in cattle blood samples collected from two important livestock regions in Punjab (Pakistan) with a note on epidemiology and phylogeny of parasite. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 1515-1520.	1.8	12
34	Follicle Online: an integrated database of follicle assembly, development and ovulation. <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, bav036-bav036.	1.4	11
35	Molecular epidemiology of <i>Theileria annulata</i> infection of cattle in Layyah District, Pakistan. <i>Experimental and Applied Acarology</i> , 2021, 83, 461-473.	0.7	11
36	Effects of androgen receptor mutation on testicular histopathology of patient having complete androgen insensitivity. <i>Journal of Molecular Histology</i> , 2017, 48, 159-167.	1.0	10

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37	Microemulsion-based synthesis of strontium hexaferrite cobalt iron oxide nanoparticles and their biocompatibility in albino mice. <i>Journal of Experimental Nanoscience</i> , 2018, 13, 199-211.	1.3	10
38	Independent programmed Sertoli cell proliferation is indispensable for testis cord development and germ cell mitotic arrest. <i>FASEB Journal</i> , 2019, 33, 9075-9086.	0.2	10
39	Abnormal meiotic recombination with complex chromosomal rearrangement in an azoospermic man. <i>Reproductive BioMedicine Online</i> , 2015, 30, 651-658.	1.1	9
40	Gender-specific effects of CGP 55845, GABAB receptor antagonist, on neuromuscular coordination, learning and memory formation in albino mouse following neonatal hypoxia-ischemia insult. <i>Neurological Sciences</i> , 2015, 36, 961-969.	0.9	9
41	Effect of creatine monohydrate supplementation on learning, memory and neuromuscular coordination in female albino mice. <i>Acta Neuropsychiatrica</i> , 2017, 29, 27-34.	1.0	9
42	Effect of Diafenthuron exposure under short and long term experimental conditions on hematology, serum biochemical profile and elemental composition of a non-target organism, <i>Labeo rohita</i> . <i>Environmental Toxicology and Pharmacology</i> , 2018, 62, 40-45.	2.0	9
43	The molecular control of meiotic double-strand break (DSB) formation and its significance in human infertility. <i>Asian Journal of Andrology</i> , 2021, 23, 555.	0.8	9
44	Tick-borne haemoparasitic diseases in small ruminants in Pakistan: Current knowledge and future perspectives. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2014-2025.	1.8	9
45	Biochemical and behavioral phenotype of AGAT and GATM deficient mice following long-term Creatine monohydrate supplementation. <i>Metabolic Brain Disease</i> , 2017, 32, 1951-1961.	1.4	8
46	Exposure to variable doses of nickel oxide nanoparticles disturbs serum biochemical parameters and oxidative stress biomarkers from vital organs of albino mice in a sex-specific manner. <i>Biomarkers</i> , 2020, 25, 719-724.	0.9	8
47	A report on tick burden and molecular detection of tick-borne pathogens in cattle blood samples collected from four regions in Saudi Arabia. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101652.	1.1	8
48	Effects of dietary creatine supplementation for 8 weeks on neuromuscular coordination and learning in male albino mouse following neonatal hypoxic ischemic insult. <i>Neurological Sciences</i> , 2015, 36, 765-770.	0.9	7
49	Short-term exposure to titanium, aluminum and niobium (Ti-6Al-4Nb) alloy powder can disturb the serum low-density lipoprotein concentrations and antioxidant profile in vital organs but not the behavior of male albino mice. <i>Drug and Chemical Toxicology</i> , 2020, 43, 298-306.	1.2	7
50	PedMiner: a tool for linkage analysis-based identification of disease-associated variants using family based whole-exome sequencing data. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	7
51	Prevalence and identification of tick species on large ruminants from district Rajanpur in Punjab Pakistan. <i>International Journal of Acarology</i> , 2021, 47, 633-637.	0.3	7
52	Molecular Epidemiology of <i>Theileria annulata</i> in Cattle from Two Districts in Punjab (Pakistan). <i>Animals</i> , 2021, 11, 3443.	1.0	7
53	Seasonal survey, risk factor's analysis and genotyping of <i>Theileria annulata</i> infecting cattle in Punjab province, Pakistan. <i>Acta Tropica</i> , 2022, 234, 106587.	0.9	7
54	A missense point mutation in COL10A1 identified with whole-genome deep sequencing in a 7-generation Pakistan dwarf family. <i>Heredity</i> , 2018, 120, 83-89.	1.2	6

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55	A novel nonsense mutation in NPR2 gene causing Acromesomelic dysplasia, type Maroteaux in a consanguineous family in Southern Punjab (Pakistan). <i>Genes and Genomics</i> , 2020, 42, 847-854.	0.5	6
56	TLRs induce Th1/Th2 responses by affecting the secretion of CCL2 at the maternal-foetal interface. <i>International Immunopharmacology</i> , 2021, 100, 108070.	1.7	6
57	Effect of sublethal concentration of imidacloprid on the histology of heart, liver and kidney in <i>Labeo rohita</i> . <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2016, 29, 2033-2038.	0.2	6
58	Molecular prevalence, associated risk factors and phylogeny of <i>Anaplasma marginale</i> , <i>Theileria ovis</i> and <i>T. lestoquardi</i> in sheep from Pakistan. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2022, 86, 101822.	0.7	6
59	Preferential Y-Y pairing and synapsis and abnormal meiotic recombination in a 47,XYY man with non obstructive azoospermia. <i>Molecular Cytogenetics</i> , 2016, 9, 9.	0.4	5
60	Synthesis and characterization of newly synthesized neodymium zirconate zinc sulfide nanocomposite and its effect on selected aspects of albino mice behavior. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 717-725.	1.4	5
61	First report regarding molecular epidemiology and novel variant identification of <i>Anaplasma centrale</i> in cattle from Pakistan. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6488-6494.	1.8	5
62	A Note on the Biocompatibility of Zinc Oxide Nanoparticles in Male Albino Mice. <i>Nanoscience and Nanotechnology Letters</i> , 2017, 9, 380-387.	0.4	5
63	First report on molecular epidemiology, seasonality and phylogeny of <i>Toxoplasma gondii</i> infecting goats from Khanewal district in Punjab, Pakistan. <i>Acta Tropica</i> , 2022, 228, 106304.	0.9	5
64	Association of endothelial nitric oxide synthase (eNOS) gene polymorphism (Glu 298 Asp) with coronary artery disease in subjects from Multan, Pakistan. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2014, 27, 357-63.	0.2	5
65	Molecular Detection and Prevalence of <i>Hepatozoon canis</i> in Dogs from Punjab (Pakistan) and Hematological Profile of Infected Dogs. <i>Vector-Borne and Zoonotic Diseases</i> , 2017, 17, 179-184.	0.6	4
66	Oral supplementation of Lanthanum Zirconate nanoparticles moderately affected behavior but drastically disturbed leukocyte count, serum cholesterol levels and antioxidant parameters from vital organs of albino mice in a gender specific manner. <i>Metabolic Brain Disease</i> , 2018, 33, 1421-1429.	1.4	4
67	Intraperitoneal injections of copper ferrite nanoparticles disturb blood, plasma, and antioxidant parameters of Wistar rats in a sex-specific manner. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 2019-2028.	1.4	4
68	Synthesis, characterization, and biocompatibility of lanthanum titanate nanoparticles in albino mice in a sex-specific manner. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1089-1101.	1.4	4
69	Next-Generation Sequencing Identifies Pathogenic Variants in HGF, POU3F4, TECTA, and MYO7A in Consanguineous Pakistani Deaf Families. <i>Neural Plasticity</i> , 2021, 2021, 1-12.	1.0	4
70	Growth Performance of <i>Channa punctata</i> from Two Ecological Regimes of Punjab, Pakistan. <i>Pakistan Journal of Biological Sciences</i> , 2002, 5, 1123-1125.	0.2	4
71	Prevalence, epidemiology, seasonality, and phylogeny of <i>Anaplasma marginale</i> in blood samples of goats collected from Punjab, Pakistan. <i>Tropical Animal Health and Production</i> , 2022, 54, 74.	0.5	4
72	Review: Human guanidinoacetate n-methyl transferase (GAMT) deficiency: A treatable inborn error of metabolism. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 2207-11.	0.2	4

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73	Decreased XY recombination and disturbed meiotic prophase I progression in an infertile 48, XYY, +sSMC man. <i>Chromosome Research</i> , 2015, 23, 267-276.	1.0	3
74	Association of Single Nucleotide Polymorphisms in XRCC1 (194) and XPD (751) with Age-related cataract. <i>International Ophthalmology</i> , 2018, 38, 1135-1146.	0.6	3
75	Oral supplementation of <i>Ficus religiosa</i> leaf extract adversely affects the selected behavioral aspects of male albino mice. <i>Biologia (Poland)</i> , 2020, 75, 2295-2300.	0.8	3
76	Single Nucleotide Polymorphism (rs7543472) in EPHA2 gene is associated with Age-related Cataract in subjects enrolled from Multan in Southern Punjab: a case-control study. <i>JPMA the Journal of the Pakistan Medical Association</i> , 2020, 70, 1.	0.1	3
77	FertilityOnline: A Straightforward Pipeline for Functional Gene Annotation and Disease Mutation Discovery. <i>Genomics, Proteomics and Bioinformatics</i> , 2022, 20, 455-465.	3.0	3
78	Rapid and accurate denaturing high performance liquid chromatography protocol for the detection of α -L-iduronidase mutations causing mucopolysaccharidosis type I. <i>Clinica Chimica Acta</i> , 2010, 411, 345-350.	0.5	2
79	Effect of Creatine Monohydrate Supplementation on Various Hematological and Serum Biochemical Parameters of Male Albino Mice following Neonatal Hypoxia-Ischemia Encephalopathy. <i>Scientific World Journal</i> , The, 2013, 2013, 1-6.	0.8	2
80	Short- and long-term exposure to imidacloprid disturbs the elemental composition and free amino acid profile in muscles of <i>Labeo rohita</i> . <i>Comparative Clinical Pathology</i> , 2017, 26, 1339-1346.	0.3	2
81	Meiotic defects and decreased expression of genes located around the chromosomal breakpoint in the testis of a patient with a novel 46,X,t(Y;1)(p11.3;p31) translocation. <i>International Journal of Molecular Medicine</i> , 2017, 40, 367-377.	1.8	2
82	Milk Adulteration. , 2017, , 215-222.		2
83	A novel homozygous missense variant in MATN3 causes spondylo-epimetaphyseal dysplasia Matrilin 3 type in a consanguineous family. <i>European Journal of Medical Genetics</i> , 2020, 63, 103958.	0.7	2
84	Meiotic Behavior of Extra Sex Chromosomes in Patients with the 47,XXY and 47,XYY Karyotype and Its Ultimate Consequences for Spermatogenesis. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2020, 30, 19-37.	0.4	2
85	Molecular analysis of guanidinoacetate-n-methyltransferase (GAMT) and creatine transporter (SLC6A8) gene by using denaturing high pressure liquid chromatography (DHPLC) as a possible source of human male infertility. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2011, 24, 75-9.	0.2	2
86	Association of Polymorphisms (rs 1799782, rs25489 and rs25487) in XRCC1 and (rs 13181) XPD genes with Acute Coronary Artery Syndrome in Subjects from Multan, Pakistan. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2016, 29, 869-76.	0.2	2
87	Effect of GABA receptor antagonists (CGP 35348 and CGP 55845) on serum interleukin 6 and 18 concentrations in albino mice following neonatal hypoxia ischemia insult. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2016, 29, 1503-1508.	0.2	2
88	Diversity and Genetic Structure of <i>Theileria annulata</i> in Pakistan and Other Endemic Sites. <i>Pathogens</i> , 2022, 11, 334.	1.2	2
89	Molecular survey of <i>Toxoplasma gondii</i> in cattle and buffaloes and phylogenetic position of Pakistani isolates based on ITS-1 gene. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2022, 84, 101782.	0.7	2
90	Intraperitoneal GABAB Receptor Antagonist (CGP 55845) Injections Moderately Affect the Behavior of Male Albino Mice. <i>NeuroQuantology</i> , 2018, 16, .	0.1	1

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91	Lanthanum Zirconate Nanoparticles, used in Blades of Gas Turbine Engines, Can Disturb Behavior, Leukocyte Count and Antioxidant Metabolites of Vital Organs of Albino Mice. <i>NeuroQuantology</i> , 2019, 17, .	0.1	1
92	Novel missense variants in FGFR1 and FGFR3 causes short stature in enrolled families from Pakistan. <i>Meta Gene</i> , 2020, 26, 100778.	0.3	1
93	A Missense Mutation in COL10A1 Gene in a Pakistani Consanguineous Family with Schmid Type Metaphyseal Chondrodysplasia. <i>Pakistan Journal of Zoology</i> , 2021, , .	0.1	1
94	GABAB Receptor Antagonists as Cognition Enhancers. , 2016, , 377-385.		1
95	Studies on Relationship Between Season and Inorganic Elements of River Soan at Dhoak Pathan Bridge (Chakwal), Pakistan. <i>Pakistan Journal of Biological Sciences</i> , 2003, 7, 93-95.	0.2	1
96	Association of single nucleotide polymorphism in CD28(C/T-I3 + 17) and CD40 (C/T-1) genes with the Graves disease. <i>JPMA the Journal of the Pakistan Medical Association</i> , 2018, , 1.	0.1	1
97	Effect of AlCl3 Mediated Toxicity on the Hemato-biochemical Profile of Adult Male Albino Mice. <i>Pakistan Journal of Zoology</i> , 2018, 50, .	0.1	1
98	Effect of creatine monohydrate supplementation on relative serum level of IL-6 and IL-18 following neonatal hypoxia ischemia in male albino mouse. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 2141-5.	0.2	1
99	Oral supplementation of Thuja orientalis leaf extract moderately affects the behavior in albino mice in a gender specific manner. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2017, 30, 683-688.	0.2	1
100	Relationship of a Novel c.429delC Deletion in Hairless Gene HR with Alopecia in Two Families from Southern Punjab, Pakistan. <i>Pakistan Journal of Zoology</i> , 2021, 53, .	0.1	0
101	Pakistanâ€™n Cholistan â€nde BaÄ±boÄ± DolaÄ±n Cholistan SÄ±rlarÄ±nda Tropikal Theileriosisin Prevalanş± ve Kan DeÄ±yerleri. <i>Kafkas Universitesi Veteriner Fakültesi Dergisi</i> , 2016, , .	0.0	0
102	Oral supplementations of <i>Bauhinia variegata</i> 's leaf extract has anxiolytic effect and improves locomotory and exploratory behavior of female albino mice. <i>International Journal of Phytomedicine</i> , 2017, 9, .	0.3	0
103	Effect of GABAB Receptor Antagonist (CGP55845) on the Hematological and Serum Biochemical Profile of Adult Male Albino Mice. <i>Pakistan Journal of Zoology</i> , 2018, 50, .	0.1	0
104	Oral Supplementation of <i>Bauhinia variegata</i> affects the Behavior of Albino Mice in a Gender Specific Manner. <i>Pakistan Journal of Zoology</i> , 2020, 53, .	0.1	0
105	Prevalence and Risk Factor Analysis of Haemoplasmas Infection in Cats from Lahore. <i>Pakistan Journal of Zoology</i> , 2020, 52, .	0.1	0
106	Report- Ethanolic Ficus carica leaf extract supplementation affects the behavior of male albino mice. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018, 31, 1417-1422.	0.2	0