

Khalid Mehmood

List of Publications by Citations

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146
papers

1,769
citations

21
h-index

29
g-index

162
ext. papers

2,547
ext. citations

4.6
avg, IF

5.27
L-index

#	Paper	IF	Citations
146	A review on epidemiology, global prevalence and economical losses of fasciolosis in ruminants. <i>Microbial Pathogenesis</i> , 2017 , 109, 253-262	3.8	104
145	Spatial and temporal distributions of air pollutant emissions from open crop straw and biomass burnings in China from 2002 to 2016. <i>Environmental Chemistry Letters</i> , 2018 , 16, 301-309	13.3	55
144	Soil aggregation and soil aggregate stability regulate organic carbon and nitrogen storage in a red soil of southern China. <i>Journal of Environmental Management</i> , 2020 , 270, 110894	7.9	43
143	Probiotics isolated from yaks improves the growth performance, antioxidant activity, and cytokines related to immunity and inflammation in mice. <i>Microbial Cell Factories</i> , 2019 , 18, 112	6.4	41
142	Effect of tetramethyl thiuram disulfide (thiram) in relation to tibial dyschondroplasia in chickens. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 28264-28274	5.1	36
141	Probiotic Potential of and Strains Isolated From Yaks. <i>Frontiers in Microbiology</i> , 2018 , 9, 2987	5.7	34
140	Characterization of fungus microbial diversity in healthy and diarrheal yaks in Gannan region of Tibet Autonomous Prefecture. <i>Acta Tropica</i> , 2018 , 182, 14-26	3.2	30
139	Potential influence of <i>Nagella sativa</i> (Black cumin) in reinforcing immune system: A hope to decelerate the COVID-19 pandemic. <i>Phytomedicine</i> , 2021 , 85, 153277	6.5	28
138	Analysis of the intestinal microbial community in healthy and diarrheal perinatal yaks by high-throughput sequencing. <i>Microbial Pathogenesis</i> , 2017 , 111, 60-70	3.8	27
137	Epidemiological investigation and risk factors of <i>Echinococcus granulosus</i> in yaks (<i>Bos grunniens</i>), Tibetan pigs and Tibetans on Qinghai Tibetan plateau. <i>Acta Tropica</i> , 2017 , 173, 147-152	3.2	26
136	In Vitro Effect of Apigenin and Danshen in Tibial Dyschondroplasia Through Inhibition of Heat-Shock Protein 90 and Vascular Endothelial Growth Factor Expressions in Avian Growth Plate Cells. <i>Avian Diseases</i> , 2017 , 61, 372-377	1.6	26
135	Can exposure to PM particles increase the incidence of coronavirus disease 2019 (COVID-19)?. <i>Science of the Total Environment</i> , 2020 , 741, 140441	10.2	26
134	Effect of Total Flavonoids of on Tibial Dyschondroplasia by Regulating BMP-2 and Runx2 Expression in Chickens. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1251	5.6	26
133	Effect of tetramethylpyrazine on tibial dyschondroplasia incidence, tibial angiogenesis, performance and characteristics via HIF-1/VEGF signaling pathway in chickens. <i>Scientific Reports</i> , 2018 , 8, 2495	4.9	25
132	A Review of CRISPR-Based Genome Editing: Survival, Evolution and Challenges. <i>Current Issues in Molecular Biology</i> , 2018 , 28, 47-68	2.9	25
131	Tetramethylpyrazine Mitigates Toxicity and Liver Oxidative Stress in Tibial Dyschondroplasia Chickens. <i>Pakistan Veterinary Journal</i> , 2018 , 38, 76-80	1.9	25
130	Empirical estimation of suspended solids concentration in the Indus Delta Region using Landsat-7 ETM+ imagery. <i>Journal of Environmental Management</i> , 2018 , 209, 254-261	7.9	23

129	Tibial dyschondroplasia is highly associated with suppression of tibial angiogenesis through regulating the HIF-1/VEGF/VEGFR signaling pathway in chickens. <i>Scientific Reports</i> , 2017 , 7, 9089	4.9	23
128	Predicted impact of thermal power generation emission control measures in the Beijing-Tianjin-Hebei region on air pollution over Beijing, China. <i>Scientific Reports</i> , 2018 , 8, 934	4.9	22
127	Antibacterial activity of <i>Lactobacillus plantarum</i> isolated from Tibetan yaks. <i>Microbial Pathogenesis</i> , 2018 , 115, 293-298	3.8	22
126	Icariin Ameliorate Thiram-Induced Tibial Dyschondroplasia via Regulation of WNT4 and VEGF Expression in Broiler Chickens. <i>Frontiers in Pharmacology</i> , 2018 , 9, 123	5.6	22
125	Nano Copper Induces Apoptosis in PK-15 Cells via a Mitochondria-Mediated Pathway. <i>Biological Trace Element Research</i> , 2018 , 181, 62-70	4.5	21
124	Okra () as a Potential Dietary Medicine with Nutraceutical Importance for Sustainable Health Applications. <i>Molecules</i> , 2021 , 26,	4.8	21
123	Icariin: a Potential Compound for the Recovery of Tibial Dyschondroplasia Affected Chicken Via Up-Regulating BMP-2 Expression. <i>Biological Procedures Online</i> , 2018 , 20, 15	8.3	20
122	Characteristics of Integrons and Associated Gene Cassettes in Antibiotic-Resistant <i>Escherichia coli</i> Isolated from Free-Ranging Food Animals in China. <i>Journal of Food Science</i> , 2017 , 82, 1902-1907	3.4	20
121	Characterization of the microbial community structure in intestinal segments of yak (<i>Bos grunniens</i>). <i>Anaerobe</i> , 2020 , 61, 102115	2.8	20
120	Socio-economic burden of parasitic infections in yaks from 1984 to 2017 on Qinghai Tibetan Plateau of China-A review. <i>Acta Tropica</i> , 2018 , 183, 103-109	3.2	19
119	Equine Granulocytic Anaplasmosis 28 years later. <i>Microbial Pathogenesis</i> , 2018 , 119, 1-8	3.8	19
118	High reduction of ozone and particulate matter during the 2016 G-20 summit in Hangzhou by forced emission controls of industry and traffic. <i>Environmental Chemistry Letters</i> , 2017 , 15, 709-715	13.3	19
117	Ligustrazine recovers thiram-induced tibial dyschondroplasia in chickens: Involvement of new molecules modulating integrin beta 3. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 168, 205-211	7	19
116	First molecular evidence of equine granulocytic anaplasmosis in Pakistan. <i>Acta Tropica</i> , 2018 , 180, 18-25	3.2	18
115	Probiotic potential of <i>Lactobacillus</i> on the intestinal microflora against <i>Escherichia coli</i> induced mice model through high-throughput sequencing. <i>Microbial Pathogenesis</i> , 2019 , 137, 103760	3.8	18
114	Antibiotic resistance, serogroups, virulence genes, and phylogenetic groups of isolated from yaks with diarrhea in Qinghai Plateau, China. <i>Gut Pathogens</i> , 2017 , 9, 24	5.4	18
113	A Study of Characteristics and Origins of Haze Pollution in Zhengzhou, China, Based on Observations and Hybrid Receptor Models. <i>Aerosol and Air Quality Research</i> , 2017 , 17, 513-528	4.6	18
112	Vancomycin resistant Enterococci: A brief review. <i>JPMA the Journal of the Pakistan Medical Association</i> , 2018 , 68, 768-772	0.4	18

111	Metabonomic analysis of the hepatic injury suffer from hexavalent chromium poisoning in broilers. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 18181-18190	5.1	17
110	Identification of differentially expressed MiRNAs profile in a thiram-induced tibial dyschondroplasia. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 175, 83-89	7	17
109	Residential emissions predicted as a major source of fine particulate matter in winter over the Yangtze River Delta, China. <i>Environmental Chemistry Letters</i> , 2018 , 16, 1117-1127	13.3	17
108	Antibiotic susceptibilities and prevalence of Methicillin resistant Staphylococcus aureus (MRSA) isolated from bovine milk in Pakistan. <i>Acta Tropica</i> , 2017 , 176, 168-172	3.2	17
107	Long-term exposure to the fluoride blocks the development of chondrocytes in the ducks: The molecular mechanism of fluoride regulating autophagy and apoptosis. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 217, 112225	7	17
106	Effect of selenium nanoparticles against abnormal fatty acid metabolism induced by hexavalent chromium in chicken liver. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 21828-21834	5.1	16
105	Ameliorative effects of nano-elemental selenium against hexavalent chromium-induced apoptosis in broiler liver. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 15609-15615	5.1	16
104	Fabrication of highly stable silver nanoparticles with shape-dependent electrochemical efficacy. <i>Electrochimica Acta</i> , 2018 , 271, 641-651	6.7	16
103	Evaluating the Contribution of Growth, Physiological, and Ionic Components Towards Salinity and Drought Stress Tolerance in. <i>Plants</i> , 2020 , 9,	4.5	16
102	Spatiotemporal variability of COVID-19 pandemic in relation to air pollution, climate and socioeconomic factors in Pakistan. <i>Chemosphere</i> , 2021 , 271, 129584	8.4	16
101	<i>L. pseudomesenteroides</i> and <i>L. johnsonii</i> isolated from yaks in Tibet modulate gut microbiota in mice to ameliorate enteroinvasive <i>Escherichia coli</i> -induced diarrhea. <i>Microbial Pathogenesis</i> , 2019 , 132, 1-9	3.8	15
100	Transcriptome analysis reveals the molecular mechanism of hepatic metabolism disorder caused by chromium poisoning in chickens. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 15411-15421	5.1	15
99	Molecular epidemiology of bovine anaplasmosis in Khyber Pakhtunkhwa, Pakistan. <i>Tropical Animal Health and Production</i> , 2018 , 50, 1591-1598	1.7	15
98	High altitude hypoxia as a factor that promotes tibial growth plate development in broiler chickens. <i>PLoS ONE</i> , 2017 , 12, e0173698	3.7	15
97	Repellent and acaricidal activity of essential oils and their components against <i>Rhipicephalus</i> ticks in cattle. <i>Veterinary Parasitology</i> , 2020 , 283, 109178	2.8	14
96	Intestinal epithelial cell injury induced by copper containing nanoparticles in piglets. <i>Environmental Toxicology and Pharmacology</i> , 2017 , 56, 151-156	5.8	14
95	Puerarin enhance vascular proliferation and halt apoptosis in thiram-induced avian tibial dyschondroplasia by regulating HIF-1/TIMP-3 and BCL-2 expressions. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 190, 110126	7	14
94	Comparison of the Intestinal Microbial Community in Ducks Reared Differently through High-Throughput Sequencing. <i>BioMed Research International</i> , 2019 , 2019, 9015054	3	13

93	High-altitude and long-range transport of aerosols causing regional severe haze during extreme dust storms explains why afforestation does not prevent storms. <i>Environmental Chemistry Letters</i> , 2019 , 17, 1333-1340	13.3	13
92	Investigation and characterization of β -lactam resistance in <i>Escherichia coli</i> strains isolated from bamboo rats (<i>Rhizomys sinensis</i>) in Zhejiang province, China. <i>Journal of Veterinary Medical Science</i> , 2017 , 79, 1633-1636	1.1	13
91	Influence of dietary supplementation with <i>Bacillus velezensis</i> on intestinal microbial diversity of mice. <i>Microbial Pathogenesis</i> , 2019 , 136, 103671	3.8	13
90	Chlorogenic Acid Alleviates Thiram-Induced Tibial Dyschondroplasia by Modulating Caspases, BECN1 Expression and ECM Degradation. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	13
89	Nutrient Status Diagnosis of Infield Oilseed Rape via Deep Learning-Enabled Dynamic Model. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 4379-4389	11.9	13
88	Protective effect of Astragaloside IV to inhibit thiram-induced tibial dyschondroplasia. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 16210-16219	5.1	12
87	Common source areas of air pollution vary with haze intensity in the Yangtze River Delta, China. <i>Environmental Chemistry Letters</i> , 2020 , 18, 957-965	13.3	12
86	Investigating connections between COVID-19 pandemic, air pollution and community interventions for Pakistan employing geoinformation technologies. <i>Chemosphere</i> , 2021 , 272, 129809	8.4	12
85	Environmental fluoride exposure disrupts the intestinal structure and gut microbial composition in ducks. <i>Chemosphere</i> , 2021 , 277, 130222	8.4	12
84	Seroprevalence and risk factors associated with hepatitis E virus infections among people and pigs in Tibet, China. <i>Acta Tropica</i> , 2017 , 172, 102-106	3.2	11
83	Effect of Icaritin on Tibial Dyschondroplasia Incidence and Tibial Characteristics by Regulating P2RX7 in Chickens. <i>BioMed Research International</i> , 2018 , 2018, 6796271	3	11
82	The hepatotoxicity of altrazine exposure in mice involves the intestinal microbiota. <i>Chemosphere</i> , 2021 , 272, 129572	8.4	11
81	Osthole: A Coumarin Derivative Assuage Thiram-Induced Tibial Dyschondroplasia by Regulating and Expressions in Chickens. <i>Antioxidants</i> , 2019 , 8,	7.1	10
80	Integration of transcriptomic and metabolomic data reveals metabolic pathway alteration in mouse spermatogonia with the effect of copper exposure. <i>Chemosphere</i> , 2020 , 256, 126974	8.4	10
79	Sero-epidemiology and hemato-biochemical study of bovine leptospirosis in flood affected zone of Pakistan. <i>Acta Tropica</i> , 2018 , 177, 51-57	3.2	10
78	Carbon, nitrogen, and phosphorus stoichiometry mediate sensitivity of carbon stabilization mechanisms along with surface layers of a Mollisol after long-term fertilization in Northeast China. <i>Journal of Soils and Sediments</i> , 2021 , 21, 705-723	3.4	10
77	Can PM pollution worsen the death rate due to COVID-19 in India and Pakistan?. <i>Science of the Total Environment</i> , 2020 , 742, 140557	10.2	9
76	Clinical efficiency and safety of Hsp90 inhibitor Novobiocin in avian tibial dyschondroplasia. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018 , 41, 902-911	1.4	9

75	First report of Ehrlichia infection in goats, China. <i>Microbial Pathogenesis</i> , 2017 , 110, 275-278	3.8	9
74	The impact of Bacillus subtilis 18 isolated from Tibetan yaks on growth performance and gut microbial community in mice. <i>Microbial Pathogenesis</i> , 2019 , 128, 153-161	3.8	9
73	Effect of total flavonoids of Rhizoma Drynariae in thiram induced cytotoxicity of chondrocyte via BMP-2/Runx2 and IHH/PTHrP expressions. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 206, 111194	7	8
72	Epidemiology of Japanese Encephalitis in China (2004-2015). <i>Travel Medicine and Infectious Disease</i> , 2019 , 28, 109-110	8.4	8
71	Integrated risk assessment of potentially toxic elements and particle pollution in urban road dust of megacity of Pakistan. <i>Human and Ecological Risk Assessment (HERA)</i> , 2020 , 26, 1810-1831	4.9	8
70	Role of Autophagy-Related Gene in Developmental Process and Virulence of. <i>Genes</i> , 2019 , 10,	4.2	7
69	Relative effects of open biomass burning and open crop straw burning on haze formation over central and eastern China: modeling study driven by constrained emissions. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 2419-2443	6.8	7
68	Antimicrobial resistance and prevalence of diarrheagenic Escherichia coli (DEC), in diarrheic yaks of Tibetan Plateau, China. <i>Acta Tropica</i> , 2018 , 182, 111-114	3.2	7
67	Seroprevalence and risk factors associated with Pseudorabies virus infection in Tibetan pigs in Tibet. <i>BMC Veterinary Research</i> , 2018 , 14, 25	2.7	7
66	Epidemiological Survey and Phylogenetic Characterization of Isolated from Tibetan Pigs in Tibet, China. <i>BioMed Research International</i> , 2017 , 2017, 7857253	3	7
65	Prevalence, Risk Factors and Host Biomarkers of Ovine Theileriosis. <i>Pakistan Journal of Zoology</i> , 2018 , 50,	1.7	7
64	Heavy metals in urban and peri-urban soils of a heavily-populated and industrialized city: Assessment of ecological risks and human health repercussions. <i>Human and Ecological Risk Assessment (HERA)</i> , 2020 , 26, 1705-1722	4.9	7
63	Use of physiological biomarkers in diagnosis along with field trials of different trypanisidal drugs in camels of Cholistan desert. <i>Microbial Pathogenesis</i> , 2017 , 108, 1-5	3.8	6
62	Experimental mouse lethality of Escherichia coli strains isolated from free ranging Tibetan yaks. <i>Microbial Pathogenesis</i> , 2017 , 109, 15-19	3.8	6
61	Quantitative assessment of human health risk posed with chromium in waste, ground, and surface water in an industrial hub of Pakistan. <i>Arabian Journal of Geosciences</i> , 2019 , 12, 1	1.8	6
60	Effect of Anacardic Acid against Thiram Induced Tibial Dyschondroplasia in Chickens via Regulation of Wnt4 Expression. <i>Animals</i> , 2019 , 9,	3.1	6
59	Ginsenoside Rb 1: A novel therapeutic agent in Staphylococcus aureus-induced Acute Lung Injury with special reference to Oxidative stress and Apoptosis. <i>Microbial Pathogenesis</i> , 2020 , 143, 104109	3.8	6
58	Increase in cases of dengue in China, 2004-2016: A retrospective observational study. <i>Travel Medicine and Infectious Disease</i> , 2020 , 37, 101674	8.4	6

57	Revealing the parasitic infection in diarrheic yaks by piloting high-throughput sequencing. <i>Microbial Pathogenesis</i> , 2018 , 117, 153-156	3.8	6
56	Tibial dyschondroplasia is closely related to suppression of expression of hypoxia-inducible factors 1 α and 3 in chickens. <i>Journal of Veterinary Science</i> , 2018 , 19, 107-115	1.6	6
55	Suppression of convective precipitation by elevated man-made aerosols is responsible for large-scale droughts in north China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E8327-E8328	11.5	6
54	Significant wintertime PM _{2.5} mitigation in the Yangtze River Delta, China, from 2016 to 2019: observational constraints on anthropogenic emission controls. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 14787-14800	6.8	6
53	Plastrum Testudinis Extract Mitigates Thiram Toxicity in Broilers via Regulating PI3K/AKT Signaling. <i>Biomolecules</i> , 2019 , 9,	5.9	6
52	Porcine epidemic diarrhea: an emerging disease in Tibetan pigs in Tibet, China. <i>Tropical Animal Health and Production</i> , 2019 , 51, 491-494	1.7	6
51	Effect of nano copper on visceral organs and the contents of trace elements in weanling pigs. <i>Toxin Reviews</i> , 2019 , 38, 115-120	2.3	6
50	Epidemiological survey of fasciolosis in yaks and sheep living on the Qinghai-Tibet plateau, China. <i>Acta Tropica</i> , 2020 , 201, 105212	3.2	6
49	Increasing incidence and changing epidemiology of brucellosis in China (2004-2016). <i>Travel Medicine and Infectious Disease</i> , 2020 , 35, 101464	8.4	6
48	Clinico-hematological and oxidative stress status in Nili Ravi buffaloes infected with Trypanosoma evansi. <i>Microbial Pathogenesis</i> , 2018 , 123, 126-131	3.8	6
47	Ameliorative effect of naringin against thiram-induced tibial dyschondroplasia in broiler chicken. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 11337-11348	5.1	5
46	Prevalence and molecular characterization of Cryptosporidium spp. in yaks (Bos grunniens) in Naqu, China. <i>Microbial Pathogenesis</i> , 2020 , 144, 104190	3.8	5
45	Emerging discrepancies in conventional and molecular epidemiology of methicillin resistant Staphylococcus aureus isolated from bovine milk. <i>Microbial Pathogenesis</i> , 2018 , 116, 38-43	3.8	5
44	Molecular Detection of Indigenous Hepatitis E Virus (HEV) from Tibetan Pigs in Tibet, China. <i>Food and Environmental Virology</i> , 2018 , 10, 373-377	4	5
43	Prevalence and Potential Risk Factors for Escherichia coli Isolated from Tibetan Piglets with White Score Diarrhea. <i>Pakistan Journal of Zoology</i> , 2017 , 50,	1.7	5
42	Salvia Miltiorrhiza Reinstates Growth Plate Width, Reduces Liver Oxidative Stress and Toxicity in Avian Tibial Dyschondroplasia. <i>Pakistan Journal of Zoology</i> , 2018 , 50,	1.7	5
41	Cluster of differentiation 147 (CD147) expression is linked with thiram induced chondrocyte apoptosis via Bcl-2/Bax/Caspase-3 signalling in tibial growth plate under chlorogenic acid repercussion. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 213, 112059	7	5
40	Structural, Functional, and Phylogenetic Analysis of Cytochrome (CYPD) Protein Family. <i>BioMed Research International</i> , 2021 , 2021, 5574789	3	5

39	Autophagy Related Gene (is a Key Regulator for Cell Growth, Development, and Virulence of. <i>Genes</i> , 2019 , 10,	4.2	4
38	Treatment of tibial dyschondroplasia with traditional Chinese medicines: "Lesson and future directions". <i>Poultry Science</i> , 2020 , 99, 6422-6433	3.9	4
37	Physiological variations among blood parameters of domestic cats at high- and low-altitude regions of China. <i>Archives of Physiology and Biochemistry</i> , 2018 , 124, 458-460	2.2	4
36	Development of sandwich Enzyme-Linked Immunosorbent Assay for the detection of porcine epidemic diarrhea virus in fecal samples. <i>Microbial Pathogenesis</i> , 2018 , 122, 151-155	3.8	4
35	Antitussive Efficacy and Safety Profile of Ethyl Acetate Fraction of Terminalia chebula. <i>ISRN Pharmacology</i> , 2013 , 2013, 256934		4
34	A Preliminary Assessment and Control Strategy of Size Segregated Pollutants in Urban and Peri-urban Areas of Metropolitan Faisalabad, Pakistan. <i>Pakistan Journal of Analytical and Environmental Chemistry</i> , 2018 , 19, 146-152	4.3	4
33	Microbiome Analysis Reveals the Attenuation Effect of From Yaks on Diarrhea Modulation of Gut Microbiota. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 610781	5.9	4
32	Characterization of the complete mitochondrial genome of Metastrongylus salmi (M. salmi) derived from Tibetan pigs in Tibet, China. <i>Acta Parasitologica</i> , 2018 , 63, 280-286	1.7	3
31	Analysis of the internal transcribed spacer region of Ascaris suum and Ascaris lumbricoides derived from free range Tibetan pigs. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2018 , 29, 624-628	1.3	3
30	Epidemiology of Toxoplasma gondii infection in native Tibetans in Tibet, China. <i>Acta Parasitologica</i> , 2017 , 62, 529-532	1.7	3
29	Identification and expression analysis of microRNAs in tibial growth plate of chicken through thiram toxicity. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 6628-6636	5.1	3
28	Leptospirosis trends in China, 2007-2018: A retrospective observational study. <i>Transboundary and Emerging Diseases</i> , 2020 , 67, 1119-1128	4.2	3
27	Biological characteristics and genetic evolutionary analysis of emerging pathogenic Bacillus cereus isolated from Phe David deer (Elaphurus davidianus). <i>Microbial Pathogenesis</i> , 2020 , 143, 104133	3.8	3
26	Immunoinformatics Driven Prediction of Multi-epitopic Vaccine Against and Coinfection and Its Validation via In Silico Expression. <i>International Journal of Peptide Research and Therapeutics</i> , 2020 , 27, 1-13	2.1	3
25	Acetyl-L-Carnitine Induces Autophagy to Promote Mouse Spermatogonia Cell Recovery after Heat Stress Damage. <i>BioMed Research International</i> , 2021 , 2021, 8871328	3	3
24	Isolation and Characterization of a Phage to Control Vancomycin Resistant. <i>Open Life Sciences</i> , 2018 , 13, 553-560	1.2	3
23	Escherichia coli isolated in pigs, Guangdong, China: Emergence of extreme drug resistance (XDR) bacteria. <i>Journal of Infection</i> , 2020 , 81, 318-356	18.9	2
22	Pakistan and India Collaboration to Improve Regional Air Quality Has Never Been More Promising. <i>Integrated Environmental Assessment and Management</i> , 2020 , 16, 549-551	2.5	2

21	Status of Bioinformatics Education in South Asia: Past and Present. <i>BioMed Research International</i> , 2021 , 2021, 5568262	3	2
20	Development and Characterization of Novel Biopolymer Derived from L. Extract and Its Antidiabetic Potential. <i>Molecules</i> , 2021 , 26,	4.8	2
19	Bioactive potential of yak milk and its products; pathophysiological and molecular role as an immune booster in antibiotic resistance. <i>Food Bioscience</i> , 2021 , 39, 100838	4.9	2
18	Sarcosporidiosis: An Emerging Disease in Yaks (<i>Bos grunniens</i>) on the Qinghai Tibetan Plateau (QTP), China. <i>Acta Parasitologica</i> , 2019 , 64, 246-250	1.7	1
17	Development and evaluation of vaccine against <i>Staphylococcus aureus</i> recovered from naturally occurring mastitis in she-camels. <i>Microbial Pathogenesis</i> , 2018 , 117, 341-347	3.8	1
16	Novel Antibiotic Combinations of Diverse Subclasses for Effective Suppression of Extensively Drug-Resistant Methicillin-Resistant (MRSA). <i>International Journal of Microbiology</i> , 2020 , 2020, 8831322	3.6	1
15	Exploring the Potential of Interferon Gamma Gene as Major Immune Responder for Bovine Tuberculosis in River Buffalo. <i>BioMed Research International</i> , 2021 , 2021, 5532864	3	1
14	Mosquito-borne infectious diseases in China, 2019. <i>Travel Medicine and Infectious Disease</i> , 2021 , 41, 102050	5.0	1
13	The first report on serotyping of bluetongue virus in small ruminants of Khyber Pakhtunkhwa province, Pakistan. <i>Tropical Animal Health and Production</i> , 2019 , 51, 977-982	1.7	1
12	Phylogenetic and pathotypic characterization of newcastle disease virus in Tibetan chickens, China. <i>Pesquisa Veterinaria Brasileira</i> , 2018 , 38, 37-40	0.4	1
11	Global research on the air quality status in response to the electrification of vehicles. <i>Science of the Total Environment</i> , 2021 , 795, 148861	10.2	1
10	The impact of COVID-19 pandemic on air pollution: a global research framework, challenges, and future perspectives.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	1
9	Methicillin resistant <i>Staphylococcus aureus</i> : A brief review of virulence and resistance.. <i>JPMA the Journal of the Pakistan Medical Association</i> , 2022 , 72, 509-515	0.4	0
8	Can manipulation of gut microbiota really be transformed into an intervention strategy for cardiovascular disease management?. <i>Folia Microbiologica</i> , 2021 , 66, 897-916	2.8	0
7	Pollution characteristics and human health risk assessments of toxic metals and particle pollutants via soil and air using geoinformation in urbanized city of Pakistan. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 58206-58220	5.1	0
6	Antibiotic-mediated expression analysis of Shiga toxin 1 and 2 in multi-drug-resistant Shiga toxin-producing <i>Escherichia coli</i> . <i>Folia Microbiologica</i> , 2021 , 66, 809-817	2.8	0
5	Epi-Gene: An R-Package for Easy Pan-Genome Analysis. <i>BioMed Research International</i> , 2021 , 2021, 5585586	5.86	0
4	Calcium-Sensing Receptor Arbitrates Hypoxia-Induced Proliferation of Pulmonary Artery Smooth Muscle Cells via the G Protein-PLC-IP3 Pathway. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2019 , 29, 69-76	1.3	

- 3 Characterization of the Complete Mitochondrial Genome of Derived from Cows in Shanghai, China. *BioMed Research International*, **2020**, 2020, 7975948 3
- 2 Association of hepatitis E seropositivity and altered progesterone levels in pregnant women of low socioeconomic status from capital region of Pakistan. *JPMA the Journal of the Pakistan Medical Association*, **2020**, 70, 2119-2123 0.4
- 1 Investigation of Plant Antimicrobial Peptides against Selected Pathogenic Bacterial Species Using a Peptide-Protein Docking Approach.. *BioMed Research International*, **2022**, 2022, 1077814 3