

Biruk Tesfaye Birhanu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

347
citations

933264

10
h-index

839398

18
g-index

22
all docs

22
docs citations

22
times ranked

496
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of phenolic compounds in the acyl homoserine lactone-mediated quorum sensing regulatory pathways. <i>Scientific Reports</i> , 2017, 7, 10618.	1.6	75
2	Inhibition of <i>Salmonella Typhimurium</i> adhesion, invasion, and intracellular survival via treatment with methyl gallate alone and in combination with marbofloxacin. <i>Veterinary Research</i> , 2018, 49, 101.	1.1	44
3	<i>Cornus officinalis</i> Ethanolic Extract with Potential Anti-Allergic, Anti-Inflammatory, and Antioxidant Activities. <i>Nutrients</i> , 2020, 12, 3317.	1.7	41
4	Progress in health among regions of Ethiopia, 1990â€“2019: a subnational country analysis for the Global Burden of Disease Study 2019. <i>Lancet</i> , The, 2022, 399, 1322-1335.	6.3	28
5	A review on major bacterial causes of calf diarrhea and its diagnostic method. <i>Journal of Veterinary Medicine and Animal Health</i> , 2015, 7, 173-185.	0.2	27
6	Immunomodulation of <i>Lactobacillus pentosus</i> PL11 against <i>Edwardsiella tarda</i> infection in the head kidney cells of the Japanese eel (<i>Anguilla japonica</i>). <i>Fish and Shellfish Immunology</i> , 2016, 54, 466-472.	1.6	18
7	An in vivo immunomodulatory and anti-inflammatory study of fermented <i>Dendropanax morbifera</i> LÃ©veille leaf extract. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 222.	3.7	17
8	Targeting <i>Salmonella Typhimurium</i> Invasion and Intracellular Survival Using Pyrogallol. <i>Frontiers in Microbiology</i> , 2021, 12, 631426.	1.5	15
9	<i>In silico</i> analysis of putative drug and vaccine targets of the metabolic pathways of <i>Actinobacillus pleuropneumoniae</i> using a subtractive/comparative genomics approach. <i>Journal of Veterinary Science</i> , 2018, 19, 188.	0.5	11
10	Enhancement of Lipid Metabolism and Hepatic Stability in Fat-Induced Obese Mice by Fermented <i>Cucurbita moschata</i> Extract. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-11.	0.5	11
11	Investigation of Potential Antioxidant, Thrombolytic and Neuropharmacological Activities of <i>Homalomena aromatica</i> Leaves Using Experimental and In Silico Approaches. <i>Molecules</i> , 2021, 26, 975.	1.7	9
12	Pharmacokinetic and pharmacodynamic integration for optimal dosage of cefquinome against <i>Streptococcus equi</i> subsp. <i>equi</i> in foals. <i>Veterinary Research</i> , 2020, 51, 131.	1.1	8
13	<i>Aronia melanocarpa</i> Extract Fermented by <i>Lactobacillus plantarum</i> EJ2014 Modulates Immune Response in Mice. <i>Antioxidants</i> , 2021, 10, 1276.	2.2	8
14	Diversity of bacterial species in the nasal cavity of sheep in the highlands of Ethiopia and first report of <i>Histophilus somni</i> in the country. <i>Tropical Animal Health and Production</i> , 2013, 45, 1243-1249.	0.5	7
15	Investigation of Marekâ€™s disease virus from chickens in central Ethiopia. <i>Tropical Animal Health and Production</i> , 2017, 49, 403-408.	0.5	7
16	Pharmacodynamics of amoxicillin against field isolates of <i>Streptococcus parauberis</i> from olive flounder (<i>Paralichthys olivaceus</i>). <i>Aquaculture Research</i> , 2018, 49, 1060-1071.	0.9	6
17	Evaluation of the pharmacokinetic-pharmacodynamic integration of marbofloxacin in combination with methyl gallate against <i>Salmonella Typhimurium</i> in rats. <i>PLoS ONE</i> , 2020, 15, e0234211.	1.1	5
18	Sonicated Protein Fractions of <i>Mycoplasma hyopneumoniae</i> Induce Inflammatory Responses and Differential Gene Expression in a Murine Alveolar Macrophage Cell Line. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 2153-2159.	0.9	5

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19	Colistin Induces Resistance through Biofilm Formation, via Increased phoQ Expression, in Avian Pathogenic Escherichia coli. Pathogens, 2021, 10, 1525.	1.2	3
20	Aerobic and anaerobic bacterial isolates from the respiratory tract of sheep slaughtered at Addis Ababa Abattoirs Enterprises, Central Ethiopia. Journal of Veterinary Medicine and Animal Health, 2017, 9, 284-289.	0.2	2
21	BaeR protein acts as an activator of nuclear factor-kappa B and Janus kinase 2 to induce inflammation in murine cell lines. Canadian Journal of Microbiology, 2016, 62, 753-761.	0.8	0
22	Oral pharmacokinetics of a novel Lactobacillus plantarum PSCPL13 in the intestines of experimental flounder. Aquaculture Research, 2017, 48, 5171-5174.	0.9	0