

# Muhammad Akhtar

## List of Publications by Year in descending order

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17  
papers

357  
citations

933447

10  
h-index

888059

17  
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17  
docs citations

17  
times ranked

319  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut microbiota-derived short chain fatty acids are potential mediators in gut inflammation. <i>Animal Nutrition</i> , 2022, 8, 350-360.	5.1	72
2	Upregulated-gene expression of pro-inflammatory cytokines (TNF- $\alpha$ , IL-1 $\beta$ and IL-6) via TLRs following NF- $\kappa$ B and MAPKs in bovine mastitis. <i>Acta Tropica</i> , 2020, 207, 105458.	2.0	55
3	Ginsenoside Rb1 ameliorates <i>Staphylococcus aureus</i> -induced Acute Lung Injury through attenuating NF- $\kappa$ B and MAPK activation. <i>Microbial Pathogenesis</i> , 2019, 132, 302-312.	2.9	53
4	Caecal microbiota could effectively increase chicken growth performance by regulating fat metabolism. <i>Microbial Biotechnology</i> , 2022, 15, 844-861.	4.2	23
5	Anti-inflammatory effects of Hederacoside-C on <i>Staphylococcus aureus</i> induced inflammation via TLRs and their downstream signal pathway in vivo and in vitro. <i>Microbial Pathogenesis</i> , 2019, 137, 103767.	2.9	22
6	Hederacoside-C Inhibition of <i>Staphylococcus aureus</i> -Induced Mastitis via TLR2 & TLR4 and Their Downstream Signaling NF- $\kappa$ B and MAPKs Pathways In Vivo and In Vitro. <i>Inflammation</i> , 2020, 43, 579-594.	3.8	22
7	Psychosocial impact of COVID-19 outbreak on international students living in Hubei province, China. <i>Travel Medicine and Infectious Disease</i> , 2020, 37, 101712.	3.0	20
8	Ginsenoside Rb1 protects from <i>Staphylococcus aureus</i> -induced oxidative damage and apoptosis through endoplasmic reticulum-stress and death receptor-mediated pathways. <i>Ecotoxicology and Environmental Safety</i> , 2021, 219, 112353.	6.0	14
9	Gas6 negatively regulates the <i>Staphylococcus aureus</i> -induced inflammatory response via TLR signaling in the mouse mammary gland. <i>Journal of Cellular Physiology</i> , 2020, 235, 7081-7093.	4.1	13
10	Ginsenoside Rb 1: A novel therapeutic agent in <i>Staphylococcus aureus</i> -induced Acute Lung Injury with special reference to Oxidative stress and Apoptosis. <i>Microbial Pathogenesis</i> , 2020, 143, 104109.	2.9	12
11	MicroRNA: Could It Play a Role in Bovine Endometritis?. <i>Inflammation</i> , 2021, 44, 1683-1695.	3.8	12
12	Sodium aescinate and its bioactive components induce degranulation via oxidative stress in RBL-2H3 mast cells. <i>Toxicology Research</i> , 2020, 9, 413-424.	2.1	8
13	Upregulated-gene expression of pro-inflammatory cytokines, oxidative stress and apoptotic markers through inflammatory, oxidative and apoptosis mediated signaling pathways in Bovine Pneumonia. <i>Microbial Pathogenesis</i> , 2021, 155, 104935.	2.9	8
14	Chlorogenic acid suppresses miR-460a in the regulation of Bcl-2, causing interleukin-1 $\beta$ reduction in thiram exposed chondrocytes via caspase-3/caspase-7 pathway. <i>Phytomedicine</i> , 2022, 104, 154296.	5.3	7
15	miR-424-5p overexpression inhibits LPS-stimulated inflammatory response in bovine endometrial epithelial cells by targeting IRAK2. <i>Journal of Reproductive Immunology</i> , 2022, 150, 103471.	1.9	6
16	MerTK negatively regulates <i>Staphylococcus aureus</i> induced inflammatory response via SOCS1/SOCS3 and Mal. <i>Immunobiology</i> , 2020, 225, 151960.	1.9	5
17	Chlorogenic acid suppresses mitochondrial apoptotic effectors Bax/Bak to counteract Nod-like receptor pyrin domain 3 (NLRP3) inflammasome in thiram exposed chondrocytes. <i>Phytomedicine</i> , 2022, 95, 153865.	5.3	5