Yong Song

List of Publications by Year in descending order

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39 papers	710 citations	567281 15 h-index	580821 25 g-index
40 all docs	40 docs citations	40 times ranked	840 citing authors

#	Article	IF	Citations
1	Specific and quantitative detection and identification of Cryptosporidium hominis andC. parvum in clinical and environmental samples. Experimental Parasitology, 2013, 135, 142-147.	1.2	123
2	The gut microbiota, environmental factors, and links to the development of food allergy. Clinical and Molecular Allergy, 2020, 18, 5.	1.8	64
3	Development of a multiplex qPCR for detection and quantitation of pathogenic intestinal spirochaetes in the faeces of pigs and chickens. Veterinary Microbiology, 2009, 137, 129-136.	1.9	44
4	Cellular and molecular mechanisms of vitamin D in food allergy. Journal of Cellular and Molecular Medicine, 2018, 22, 3270-3277.	3.6	40
5	Pressure- versus volume-limited sustained inflations at resuscitation of premature newborn lambs. BMC Pediatrics, 2014, 14, 43.	1.7	36
6	The Intestinal Spirochete Brachyspira pilosicoli Attaches to Cultured Caco-2 Cells and Induces Pathological Changes. PLoS ONE, 2009, 4, e8352.	2.5	34
7	Clinical significance of circulating microRNAs as markers in detecting and predicting congenital heart defects in children. Journal of Translational Medicine, 2018, 16, 42.	4.4	34
8	A reverse vaccinology approach to swine dysentery vaccine development. Veterinary Microbiology, 2009, 137, 111-119.	1.9	32
9	Pressure-limited sustained inflation vs. gradual tidal inflations for resuscitation in preterm lambs. Journal of Applied Physiology, 2015, 118, 890-897.	2.5	32
10	Dysfunctional Gut Microbiome Networks in Childhood IgE-Mediated Food Allergy. International Journal of Molecular Sciences, 2021, 22, 2079.	4.1	31
11	Western oropharyngeal and gut microbial profiles are associated with allergic conditions in Chinese immigrant children. World Allergy Organization Journal, 2019, 12, 100051.	3.5	19
12	Lipopolysaccharide-Induced Weakness in the Preterm Diaphragm Is Associated with Mitochondrial Electron Transport Chain Dysfunction and Oxidative Stress. PLoS ONE, 2013, 8, e73457.	2.5	19
13	In Utero LPS Exposure Impairs Preterm Diaphragm Contractility. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 866-874.	2.9	18
14	Effects of chemical composition on the lung cell response to coal particles: Implications for coal workers' pneumoconiosis. Respirology, 2022, 27, 447-454.	2.3	18
15	High Positive End-Expiratory Pressure During High-Frequency Jet Ventilation Improves Oxygenation and Ventilation in Preterm Lambs. Pediatric Research, 2011, 69, 319-324.	2.3	17
16	Synthetic Isoliquiritigenin Inhibits Human Tongue Squamous Carcinoma Cells through Its Antioxidant Mechanism. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-11.	4.0	16
17	Modern urbanization has reshaped the bacterial microbiome profiles of house dust in domestic environments. World Allergy Organization Journal, 2020, 13, 100452.	3.5	13
18	Developmental regulation of molecular signalling in fetal and neonatal diaphragm protein metabolism. Experimental Biology and Medicine, 2013, 238, 913-922.	2.4	12

#	Article	IF	Citations
19	Ontogeny of Proteolytic Signaling and Antioxidant Capacity in Fetal and Neonatal Diaphragm. Anatomical Record, 2012, 295, 864-871.	1.4	11
20	Interleukin-1 Receptor Antagonist Protects against Lipopolysaccharide Induced Diaphragm Weakness in Preterm Lambs. PLoS ONE, 2015, 10, e0124390.	2.5	11
21	Environment Changes Genetic Effects on Respiratory Conditions and Allergic Phenotypes. Scientific Reports, 2017, 7, 6342.	3.3	10
22	The use of ELISAs for monitoring exposure of pig herds to Brachyspira hyodysenteriae. BMC Veterinary Research, 2012, 8, 6.	1.9	8
23	Development of a serological ELISA using a recombinant protein to identify pig herds infected with Brachyspira hyodysenteriae. Veterinary Journal, 2015, 206, 365-370.	1.7	8
24	Children with nut allergies have impaired gene expression of Tollâ€like receptors pathway. Pediatric Allergy and Immunology, 2020, 31, 671-677.	2.6	8
25	Effect of Maternal Steroid on Developing Diaphragm Integrity. PLoS ONE, 2014, 9, e93224.	2.5	8
26	The proteomic response is linked to regional lung volumes in ventilator-induced lung injury. Journal of Applied Physiology, 2020, 129, 837-845.	2.5	6
27	Dual responses of CD14 methylation to distinct environments: a role in asthma and allergy. European Respiratory Journal, 2017, 50, 1701228.	6.7	5
28	Adverse effects of prenatal exposure to residential dust on post-natal brain development. Environmental Research, 2021, 198, 110489.	7.5	5
29	Identifying gene network patterns and associated cellular immune responses in children with or without nut allergy. World Allergy Organization Journal, 2022, 15, 100631.	3.5	5
30	Impact of Conventional Breath Inspiratory Time during High-Frequency Jet Ventilation in Preterm Lambs. Neonatology, 2012, 101, 267-273.	2.0	4
31	Gestational age at initial exposure to in utero inflammation influences the extent of diaphragm dysfunction in preterm lambs. Respirology, 2015, 20, 1255-1262.	2.3	4
32	Vitamin A Protects the Preterm Lamb Diaphragm Against Adverse Effects of Mechanical Ventilation. Frontiers in Physiology, 2018, 9, 1119.	2.8	4
33	The association between regional transcriptome profiles and lung volumes in response to mechanical ventilation and lung injury. Respiratory Research, 2022, 23, 35.	3.6	3
34	Influence of antenatal glucocorticoid on preterm lamb diaphragm. Pediatric Research, 2017, 82, 509-517.	2.3	2
35	Cord Blood IL-12 Confers Protection to Clinical Malaria in Early Childhood Life. Scientific Reports, 2018, 8, 10860.	3.3	2
36	Tollâ€like receptor signalling has inverted Uâ€shaped response over time with the Western environment. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2665-2667.	5.7	2

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37	Gestational age at time of in utero lipopolysaccharide exposure influences the severity of inflammation-induced diaphragm weakness in lambs. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 314, R523-R532.	1.8	1
38	Increased nasal Streptococcus pneumoniae presence in Western environment associated with allergic conditions in Chinese immigrants. International Journal of Hygiene and Environmental Health, 2021, 234, 113735.	4.3	1
39	Protein levels, air pollution and vitamin D deficiency: links with allergy. ERJ Open Research, 2021, 7, 00237-2021.	2.6	0