

# Hongbo Jin

## List of Publications by Year in descending order

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37  
papers

680  
citations

687363

13  
h-index

580821

25  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal Circulating Concentrations of Tumor Necrosis Factor-Alpha, Leptin, and Adiponectin in Gestational Diabetes Mellitus: A Systematic Review and Meta-Analysis. <i>Scientific World Journal</i> , The, 2014, 2014, 1-12.	2.1	113
2	Quercetin increases the antioxidant capacity of the ovary in menopausal rats and in ovarian granulosa cell culture in vitro. <i>Journal of Ovarian Research</i> , 2018, 11, 51.	3.0	60
3	miRNA-34a promotes proliferation of human pulmonary artery smooth muscle cells by targeting PDGFRA. <i>Cell Proliferation</i> , 2016, 49, 484-493.	5.3	59
4	Therapeutic Potential of Oxytocin in Atherosclerotic Cardiovascular Disease: Mechanisms and Signaling Pathways. <i>Frontiers in Neuroscience</i> , 2019, 13, 454.	2.8	58
5	Baicalin alleviates ischemia-induced memory impairment by inhibiting the phosphorylation of CaMKII in hippocampus. <i>Brain Research</i> , 2016, 1642, 95-103.	2.2	39
6	The Neuroprotective Effects of Carvacrol on Ethanol-Induced Hippocampal Neurons Impairment via the Antioxidative and Antiapoptotic Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-17.	4.0	33
7	Non-Heme-Binding Domains and Segments of the <i>Staphylococcus aureus</i> IsdB Protein Critically Contribute to the Kinetics and Equilibrium of Heme Acquisition from Methemoglobin. <i>PLoS ONE</i> , 2014, 9, e100744.	2.5	31
8	Reduced CD200 expression is associated with altered Th1/Th2 cytokine production in placental trophoblasts from preeclampsia. <i>American Journal of Reproductive Immunology</i> , 2018, 79, e12763.	1.2	30
9	Upregulation of sestrins protect atriums against oxidative damage and fibrosis in human and experimental atrial fibrillation. <i>Scientific Reports</i> , 2017, 7, 46307.	3.3	25
10	Decreased ovarian function and autophagy gene methylation in aging rats. <i>Journal of Ovarian Research</i> , 2020, 13, 12.	3.0	21
11	Assessment of the effectiveness of BOPPPS-based hybrid teaching model in physiology education. <i>BMC Medical Education</i> , 2022, 22, 217.	2.4	19
12	Direct Heme Transfer Reactions in the Group A <i>Streptococcus</i> Heme Acquisition Pathway. <i>PLoS ONE</i> , 2012, 7, e37556.	2.5	17
13	Overexpression of microRNA-26a protects against deficient $\beta$ -cell function via targeting phosphatase with tensin homology in mouse models of type 2 diabetes. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1312-1316.	2.1	15
14	Effects of Intranasal Oxytocin on Pup Deprivation-Evoked Aberrant Maternal Behavior and Hypogalactia in Rat Dams and the Underlying Mechanisms. <i>Frontiers in Neuroscience</i> , 2019, 13, 122.	2.8	14
15	Transient receptor potential melastatin 4 contributes to early-stage endothelial injury induced by arsenic trioxide. <i>Toxicology Letters</i> , 2019, 312, 98-108.	0.8	13
16	Melatonin Protects HT22 Hippocampal Cells from H <sub>2</sub> O <sub>2</sub> -induced Injury by Increasing Beclin1 and Atg Protein Levels to Activate Autophagy. <i>Current Pharmaceutical Design</i> , 2021, 27, 446-454.	1.9	12
17	15-HETE protects pulmonary artery smooth muscle cells against apoptosis via SIRT1 regulation during hypoxia. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 325-330.	5.6	11
18	Vitamin D stimulates miR-26b-5p to inhibit placental COX-2 expression in preeclampsia. <i>Scientific Reports</i> , 2021, 11, 11168.	3.3	11

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19	Regulation of Human Trophoblast GLUT3 Glucose Transporter by Mammalian Target of Rapamycin Signaling. <i>International Journal of Molecular Sciences</i> , 2015, 16, 13815-13828.	4.1	10
20	The Heme Transporter HtsABC of Group A Streptococcus Contributes to Virulence and Innate Immune Evasion in Murine Skin Infections. <i>Frontiers in Microbiology</i> , 2018, 9, 1105.	3.5	10
21	Computational drug repositioning based on the relationships between substructureâ€“indication. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	9
22	Immunization with Streptococcal Heme Binding Protein (Shp) Protects Mice Against Group A Streptococcus Infection. <i>Advances in Experimental Medicine and Biology</i> , 2017, 973, 115-124.	1.6	8
23	Streptococcal heme binding protein (Shp) promotes virulence and contributes to the pathogenesis of group A Streptococcus infection. <i>Pathogens and Disease</i> , 2017, 75, .	2.0	8
24	Link between cardiac function and the antioxidative defense mechanism in aged rats. <i>Biochemical and Biophysical Research Communications</i> , 2019, 513, 1100-1105.	2.1	8
25	Patuletin induces apoptosis of human breast cancer SKâ€“BRâ€“3 cell line via inhibiting fatty acid synthase gene expression and activity. <i>Oncology Letters</i> , 2017, 14, 7449-7454.	1.8	7
26	Downregulation of Placental Amino Acid Transporter Expression and mTORC1 Signaling Activity Contributes to Fetal Growth Retardation in Diabetic Rats. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1849.	4.1	6
27	Potential of Endogenous Oxytocin in Endocrine Treatment and Prevention of COVID-19. <i>Frontiers in Endocrinology</i> , 2022, 13, 799521.	3.5	6
28	Progress in Development of Group A Streptococcus Vaccines. <i>Current Pharmaceutical Biotechnology</i> , 2014, 14, 947-950.	1.6	5
29	TESOT: a teaching modality targeting the learning obstacles in global medical education. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2021, 45, 333-341.	1.6	4
30	Estradiol Valerate Enhances Cardiac Function via the Nrf2 Signaling Pathway to Protect Against Oxidative Stress by the Nrf2 Signaling Pathway in an Ovariectomized Rat Model. <i>Current Pharmaceutical Design</i> , 2021, 27, 4716-4725.	1.9	4
31	Vitamin D stimulates placental L-type amino acid transporter 1 (LAT1) in preeclampsia. <i>Scientific Reports</i> , 2022, 12, 4651.	3.3	4
32	Sulforaphane protects myocardium from ischemia-reperfusion injury by regulating CaMKII $\alpha$ and CaMKII $\beta$ . <i>Biochemical and Biophysical Research Communications</i> , 2022, 605, 119-126.	2.1	3
33	Active and passive immunizations with HtsA, a streptococcal heme transporter protein, protect mice from subcutaneous group A Streptococcus infection. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 87-93.	3.1	2
34	Immunization With a Secreted Esterase Protects Mice Against Multiple Serotypes (M1, M3, and M28) of Group A Streptococcus. <i>Frontiers in Microbiology</i> , 2020, 11, 565.	3.5	2
35	<sc>TPEN</sc> Prevents Rapid Pacingâ€“Induced Calcium Overload and Nitration Stress in <sc>HL</sc>â€“1 Myocytes. <i>Cardiovascular Therapeutics</i> , 2015, 33, 200-208.	2.5	1
36	Attenuation of virulence in multiple serotypes (M1, M3, and M28) of Group A Streptococcus after the loss of secreted esterase. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, , .	3.1	1

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37	LEPPA: A teaching modality of biotechnology course for postgraduate students in biomedical majors. Innovations in Education and Teaching International, 0, , 1-11.	2.5	1