

Kuo-Yang Huang

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

5,408
citations

567281

15
h-index

377865

34
g-index

39
all docs

39
docs citations

39
times ranked

14245
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Adaptive responses to glucose restriction enhance cell survival, antioxidant capability, and autophagy of the protozoan parasite <i>Trichomonas vaginalis</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 53-64.	2.4	86
3	Pretreatment with a Heat-Killed Probiotic Modulates the NLRP3 Inflammasome and Attenuates Colitis-Associated Colorectal Cancer in Mice. <i>Nutrients</i> , 2019, 11, 516.	4.1	73
4	mSignatureDB: a database for deciphering mutational signatures in human cancers. <i>Nucleic Acids Research</i> , 2018, 46, D964-D970.	14.5	58
5	Transcriptomic Identification of Iron-Regulated and Iron-Independent Gene Copies within the Heavily Duplicated <i>Trichomonas vaginalis</i> Genome. <i>Genome Biology and Evolution</i> , 2012, 4, 1017-1029.	2.5	54
6	Comparative Transcriptomic and Proteomic Analyses of <i>Trichomonas vaginalis</i> following Adherence to Fibronectin. <i>Infection and Immunity</i> , 2012, 80, 3900-3911.	2.2	41
7	A proteome reference map of <i>Trichomonas vaginalis</i> . <i>Parasitology Research</i> , 2009, 104, 927-933.	1.6	33
8	Quantitative proteomic analysis and functional characterization of <i>Acanthamoeba castellanii</i> exosome-like vesicles. <i>Parasites and Vectors</i> , 2019, 12, 467.	2.5	29
9	Lactic Acid Fermentation Is Required for NLRP3 Inflammasome Activation. <i>Frontiers in Immunology</i> , 2021, 12, 630380.	4.8	29
10	Src-family kinase-Cbl axis negatively regulates NLRP3 inflammasome activation. <i>Cell Death and Disease</i> , 2018, 9, 1109.	6.3	26
11	Lipopolysaccharide promoted proliferation and adipogenesis of preadipocytes through JAK/STAT and AMPK-regulated cPLA2 expression. <i>International Journal of Medical Sciences</i> , 2019, 16, 167-179.	2.5	24
12	Participation of NADPH Oxidase-Related Reactive Oxygen Species in Leptin-Promoted Pulmonary Inflammation: Regulation of cPLA2 α and COX-2 Expression. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1078.	4.1	22
13	Targeting ROS and cPLA2/COX2 Expressions Ameliorated Renal Damage in Obese Mice with Endotoxemia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4393.	4.1	20
14	Nitric oxide maintains cell survival of <i>Trichomonas vaginalis</i> upon iron depletion. <i>Parasites and Vectors</i> , 2015, 8, 393.	2.5	19
15	Functional profiling of the <i>Trichomonas foetus</i> transcriptome and proteome. <i>Molecular and Biochemical Parasitology</i> , 2013, 187, 60-71.	1.1	17
16	Gene-expression analysis of cold-stress response in the sexually transmitted protist <i>Trichomonas vaginalis</i> . <i>Journal of Microbiology, Immunology and Infection</i> , 2015, 48, 662-675.	3.1	17
17	Vaginal Microbiota of the Sexually Transmitted Infections Caused by <i>Chlamydia trachomatis</i> and <i>Trichomonas vaginalis</i> in Women with Vaginitis in Taiwan. <i>Microorganisms</i> , 2021, 9, 1864.	3.6	15
18	Responding to a Zoonotic Emergency with Multi-omics Research: <i>Pentatrichomonas hominis</i> Hydrogenosomal Protein Characterization with Use of RNA Sequencing and Proteomics. <i>OMICS A Journal of Integrative Biology</i> , 2016, 20, 662-669.	2.0	14

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19	EFLA 945 restricts AIM2 inflammasome activation by preventing DNA entry for psoriasis treatment. <i>Cytokine</i> , 2020, 127, 154951.	3.2	14
20	Cbl Negatively Regulates NLRP3 Inflammasome Activation through GLUT1-Dependent Glycolysis Inhibition. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5104.	4.1	14
21	Infection with <i>Trichomonas vaginalis</i> increases the risk of psychiatric disorders in women: a nationwide population-based cohort study. <i>Parasites and Vectors</i> , 2019, 12, 88.	2.5	13
22	Novel Insights into the Molecular Events Linking to Cell Death Induced by Tetracycline in the Mitochondriate Protozoan <i>Trichomonas vaginalis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6891-6903.	3.2	12
23	Potential role of autophagy in proteolysis in <i>Trichomonas vaginalis</i> . <i>Journal of Microbiology, Immunology and Infection</i> , 2019, 52, 336-344.	3.1	12
24	Proteomic signatures of metronidazole-resistant <i>Trichomonas vaginalis</i> reveal novel proteins associated with drug resistance. <i>Parasites and Vectors</i> , 2020, 13, 274.	2.5	12
25	Metabolic reprogramming of hydrogenosomal amino acids in <i>Trichomonas vaginalis</i> under glucose restriction. <i>Journal of Microbiology, Immunology and Infection</i> , 2019, 52, 630-637.	3.1	11
26	Infection with <i>Toxoplasma gondii</i> increases the risk of psychiatric disorders in Taiwan: a nationwide population-based cohort study. <i>Parasitology</i> , 2020, 147, 1577-1586.	1.5	8
27	Protein cysteine S-nitrosylation provides reducing power by enhancing lactate dehydrogenase activity in <i>Trichomonas vaginalis</i> under iron deficiency. <i>Parasites and Vectors</i> , 2020, 13, 477.	2.5	7
28	Pre-clinical assessment of chimeric antigen receptor t cell therapy targeting CD19+ B cell malignancy. <i>Annals of Translational Medicine</i> , 2020, 8, 584-584.	1.7	7
29	Associations between Diabetes Mellitus and Nontuberculous Mycobacterium-Caused Diseases in Taiwan: A Nationwide Cohort Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, , .	1.4	6
30	Dissecting the Transcriptomes of Multiple Metronidazole-Resistant and Sensitive <i>Trichomonas vaginalis</i> Strains Identified Distinct Genes and Pathways Associated with Drug Resistance and Cell Death. <i>Biomedicines</i> , 2021, 9, 1817.	3.2	6
31	Molecular Identification of <i>Diphyllobothrium latum</i> from a Pediatric Case in Taiwan. <i>Korean Journal of Parasitology</i> , 2017, 55, 425-428.	1.3	3
32	β-Carboxymuconolactone decarboxylase: a novel cell cycle-related basal body protein in the early branching eukaryote <i>Trichomonas vaginalis</i> . <i>Parasites and Vectors</i> , 2017, 10, 443.	2.5	2
33	VAREporter: variant reporter for cancer research of massive parallel sequencing. <i>BMC Genomics</i> , 2018, 19, 86.	2.8	2
34	<i>Trichomonas</i> infection in pregnant women: a nationwide cohort study. <i>Parasitology Research</i> , 2022, 121, 1973-1981.	1.6	1