

Lai Wei

List of Publications by Year in descending order

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59
papers

2,968
citations

331670
21
h-index

197818
49
g-index

62
all docs

62
docs citations

62
times ranked

5505
citing authors

#	ARTICLE	IF	CITATIONS
1	Species composition and overall diversity are significantly correlated between the tongue coating and gastric fluid microbiomes in gastritis patients. BMC Medical Genomics, 2022, 15, 60.	1.5	5
2	Melatonin Attenuates LPS-Induced Proinflammatory Cytokine Response and Lipogenesis in Human Meibomian Gland Epithelial Cells via MAPK/NF- κ B Pathway. , 2022, 63, 6.		6
3	Metagenomic Profiling of the Ocular Surface Microbiome in Patients After Allogeneic Hematopoietic Stem Cell Transplantation. American Journal of Ophthalmology, 2022, 242, 144-155.	3.3	7
4	Bacteroides ovatus-mediated CD27 α ⁺ MAIT cell activation is associated with obesity-related T2D progression. , 2022, 19, 791-804.		10
5	A multi-omics analysis for the prediction of neurocognitive disorders risk among the elderly in Macao. Clinical and Translational Medicine, 2022, 12, .	4.0	7
6	Characterization of conjunctival microbiome dysbiosis associated with allergic conjunctivitis. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 596-600.	5.7	16
7	BCL6 confers KRAS-mutant non-small-cell lung cancer resistance to BET inhibitors. Journal of Clinical Investigation, 2021, 131, .	8.2	27
8	Single-cell analysis of nonhuman primate preimplantation development in comparison to humans and mice. Developmental Dynamics, 2021, 250, 974-985.	1.8	9
9	Identification of an intraocular microbiota. Cell Discovery, 2021, 7, 13.	6.7	30
10	Conjunctival Microbiota in Patients With Type 2 Diabetes Mellitus and Influences of Perioperative Use of Topical Levofloxacin in Ocular Surgery. Frontiers in Medicine, 2021, 8, 605639.	2.6	11
11	COVID-19 immune features revealed by a large-scale single-cell transcriptome atlas. Cell, 2021, 184, 1895-1913.e19.	28.9	512
12	Large-scale analysis of 2,152 Ig-seq datasets reveals key features of B cell biology and the antibody repertoire. Cell Reports, 2021, 35, 109110.	6.4	16
13	Comparative analysis of mite genomes reveals positive selection for diet adaptation. Communications Biology, 2021, 4, 668.	4.4	6
14	Antibody upstream sequence diversity and its biological implications revealed by repertoire sequencing. Journal of Genetics and Genomics, 2021, 48, 936-945.	3.9	5
15	RAPID: A Rep-Seq Dataset Analysis Platform With an Integrated Antibody Database. Frontiers in Immunology, 2021, 12, 717496.	4.8	2
16	Application of Comprehensive Artificial intelligence Retinal Expert (CARE) system: a national real-world evidence study. The Lancet Digital Health, 2021, 3, e486-e495.	12.3	65
17	Microbiota and Ocular Diseases. Frontiers in Cellular and Infection Microbiology, 2021, 11, 759333.	3.9	23
18	Epigenetic Modifications and Therapy in Uveitis. Frontiers in Cell and Developmental Biology, 2021, 9, 758240.	3.7	1

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19	Metagenomic Analysis Reveals the Heterogeneity of Conjunctival Microbiota Dysbiosis in Dry Eye Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 731867.	3.7	11
20	Defect of LSS Disrupts Lens Development in Cataractogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 788422.	3.7	12
21	Metagenomic analysis reveals gestational diabetes mellitus-related microbial regulators of glucose tolerance. <i>Acta Diabetologica</i> , 2020, 57, 569-581.	2.5	37
22	Facile Synthesis and Size Control of 2D Cyclodextrin-Based Metal-Organic Frameworks Nanosheet for Topical Drug Delivery. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 2000147.	2.3	13
23	Dysregulated adaptive immune response contributes to severe COVID-19. <i>Cell Research</i> , 2020, 30, 814-816.	12.0	71
24	Topical nanoparticles interfering with the DNA-LL37 complex to alleviate psoriatic inflammation in mice and monkeys. <i>Science Advances</i> , 2020, 6, eabb5274.	10.3	45
25	Hematopoietic Progenitor Kinase1 (HPK1) Mediates T Cell Dysfunction and Is a Druggable Target for T Cell-Based Immunotherapies. <i>Cancer Cell</i> , 2020, 38, 551-566.e11.	16.8	86
26	Ocular Microbiota and Intraocular Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 609765.	4.8	47
27	Malformation of Tear Ducts Underlies the Epiphora and Precocious Eyelid Opening in Prickle 1 Mutant Mice: Genetic Implications for Tear Duct Genesis. , 2020, 61, 6.		8
28	UHRF1 Controls Thymocyte Fate Decisions through the Epigenetic Regulation of EGR1 Expression. <i>Journal of Immunology</i> , 2020, 204, 3248-3261.	0.8	9
29	Identification of Specific Joint-Inflammatogenic Cell-Free DNA Molecules From Synovial Fluids of Patients With Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2020, 11, 662.	4.8	24
30	DeepMicrobes: taxonomic classification for metagenomics with deep learning. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqaa009.	3.2	94
31	NLRP12 collaborates with NLRP3 and NLRC4 to promote pyroptosis inducing ganglion cell death of acute glaucoma. <i>Molecular Neurodegeneration</i> , 2020, 15, 26.	10.8	84
32	MicroPhenoDB Associates Metagenomic Data with Pathogenic Microbes, Microbial Core Genes, and Human Disease Phenotypes. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 760-772.	6.9	19
33	CSMD: a computational subtraction-based microbiome discovery pipeline for species-level characterization of clinical metagenomic samples. <i>Bioinformatics</i> , 2019, 36, 1577-1583.	4.1	2
34	Epigenetic initiation of the T _H 17 differentiation program is promoted by Cxxc finger protein 1. <i>Science Advances</i> , 2019, 5, eaax1608.	10.3	15
35	The DNA Methylation Inhibitor Zebularine Controls CD4+ T Cell Mediated Intraocular Inflammation. <i>Frontiers in Immunology</i> , 2019, 10, 1950.	4.8	16
36	Defective Regulatory B Cells Are Associated With Thyroid-Associated Ophthalmopathy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4067-4077.	3.6	11

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37	Transcriptional factor ATF3 protects against colitis by regulating follicular helper T cells in Peyer's patches. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6286-6291.	7.1	30
38	Ocular surface pathogenesis associated with precocious eyelid opening and necrotic autologous tissue in mouse with disruption of Prickle 1 gene. Experimental Eye Research, 2019, 180, 208-225.	2.6	6
39	The Bromodomain and Extra-Terminal Protein Inhibitor OTX015 Suppresses T Helper Cell Proliferation and Differentiation. Current Molecular Medicine, 2019, 18, 594-601.	1.3	5
40	Inhibition of Experimental Age-Related Macular Degeneration by ZQMT in Mice. Current Molecular Medicine, 2019, 19, 434-442.	1.3	2
41	Genome-wide CRISPR screen identifies FAM49B as a key regulator of actin dynamics and T cell activation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4051-E4060.	7.1	88
42	Association of <i>IGFN1</i> variant with polypoidal choroidal vasculopathy. Journal of Gene Medicine, 2018, 20, e3007.	2.8	8
43	Genome-wide analysis of disease progression in age-related macular degeneration. Human Molecular Genetics, 2018, 27, 929-940.	2.9	67
44	Epigenetics, microbiota, and intraocular inflammation: New paradigms of immune regulation in the eye. Progress in Retinal and Eye Research, 2018, 64, 84-95.	15.5	46
45	Integrated transcriptomic and metabolomic analysis reveals adaptive changes of hibernating retinas. Journal of Cellular Physiology, 2018, 233, 1434-1445.	4.1	20
46	FBXO38 mediates PD-1 ubiquitination and regulates anti-tumour immunity of T cells. Nature, 2018, 564, 130-135.	27.8	174
47	Panax Quinquefolium Saponins Attenuate Myocardial Dysfunction Induced by Chronic Ischemia. Cellular Physiology and Biochemistry, 2018, 49, 1277-1288.	1.6	10
48	Frequency of IL-10-producing regulatory B cells associated with disease activity in thyroid-associated orbitopathy. International Journal of Ophthalmology, 2018, 11, 1458-1462.	1.1	4
49	Panax Notoginseng Saponin Controls IL-17 Expression in Helper T Cells. Journal of Ocular Pharmacology and Therapeutics, 2017, 33, 285-289.	1.4	16
50	The effects of shared information on semantic calculations in the gene ontology. Computational and Structural Biotechnology Journal, 2017, 15, 195-211.	4.1	3
51	The Influence of Age and Sex on Ocular Surface Microbiota in Healthy Adults. , 2017, 58, 6030.		107
52	CXXC finger protein 1 is critical for T-cell intrathymic development through regulating H3K4 trimethylation. Nature Communications, 2016, 7, 11687.	12.8	38
53	Genome-wide Analysis Identifies Bcl6-Controlled Regulatory Networks during T Follicular Helper Cell Differentiation. Cell Reports, 2016, 14, 1735-1747.	6.4	110
54	PAPST, a User Friendly and Powerful Java Platform for ChIP-Seq Peak Co-Localization Analysis and Beyond. PLoS ONE, 2015, 10, e0127285.	2.5	10

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55	Glucocorticoid-resistant Th17 cells are selectively attenuated by cyclosporine A. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4080-4085.	7.1	68
56	The Methylcytosine Dioxygenase Tet2 Promotes DNA Demethylation and Activation of Cytokine Gene Expression in T Cells. Immunity, 2015, 42, 613-626.	14.3	264
57	Negative regulation of Hif1a expression and TH17 differentiation by the hypoxia-regulated microRNA miR-210. Nature Immunology, 2014, 15, 393-401.	14.5	219
58	Transcription factor achaete-scute homologue 2 initiates follicular T-helper-cell development. Nature, 2014, 507, 513-518.	27.8	303
59	Genetic/Epigenetic Modulation, Ocular Diseases, and Therapeutic Prospective. Journal of Ophthalmology, 2013, 2013, 1-2.	1.3	1