

Lai Wei

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,968
citations

331538

21
h-index

197736

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. <i>BMC Medical Genomics</i> , 2022, 15, 60.	0.7	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. <i>American Journal of Ophthalmology</i> , 2022, 242, 144-155.	1.7	7
4	<i>Bacteroides ovatus</i> -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. <i>Clinical and Translational Medicine</i> , 2022, 12, .	1.7	7
6	Characterization of conjunctival microbiome dysbiosis associated with allergic conjunctivitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 596-600.	2.7	16
7	BCL6 confers KRAS-mutant non- α small-cell lung cancer resistance to BET inhibitors. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	27
8	Single-cell analysis of nonhuman primate preimplantation development in comparison to humans and mice. <i>Developmental Dynamics</i> , 2021, 250, 974-985.	0.8	9
9	Identification of an intraocular microbiota. <i>Cell Discovery</i> , 2021, 7, 13.	3.1	30
10	Conjunctival Microbiota in Patients With Type 2 Diabetes Mellitus and Influences of Perioperative Use of Topical Levofloxacin in Ocular Surgery. <i>Frontiers in Medicine</i> , 2021, 8, 605639.	1.2	11
11	COVID-19 immune features revealed by a large-scale single-cell transcriptome atlas. <i>Cell</i> , 2021, 184, 1895-1913.e19.	13.5	512
12	Large-scale analysis of 2,152 Ig-seq datasets reveals key features of B cell biology and the antibody repertoire. <i>Cell Reports</i> , 2021, 35, 109110.	2.9	16
13	Comparative analysis of mite genomes reveals positive selection for diet adaptation. <i>Communications Biology</i> , 2021, 4, 668.	2.0	6
14	Antibody upstream sequence diversity and its biological implications revealed by repertoire sequencing. <i>Journal of Genetics and Genomics</i> , 2021, 48, 936-945.	1.7	5
15	RAPID: A Rep-Seq Dataset Analysis Platform With an Integrated Antibody Database. <i>Frontiers in Immunology</i> , 2021, 12, 717496.	2.2	2
16	Application of Comprehensive Artificial intelligence Retinal Expert (CARE) system: a national real-world evidence study. <i>The Lancet Digital Health</i> , 2021, 3, e486-e495.	5.9	65
17	Microbiota and Ocular Diseases. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 759333.	1.8	23
18	Epigenetic Modifications and Therapy in Uveitis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 758240.	1.8	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.	1.8	11
20	Defect of LSS Disrupts Lens Development in Cataractogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 788422.	1.8	12
21	Metagenomic analysis reveals gestational diabetes mellitus-related microbial regulators of glucose tolerance. <i>Acta Diabetologica</i> , 2020, 57, 569-581.	1.2	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.	1.2	13
23	Dysregulated adaptive immune response contributes to severe COVID-19. <i>Cell Research</i> , 2020, 30, 814-816.	5.7	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.	4.7	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.	7.7	86
26	Ocular Microbiota and Intraocular Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 609765.	2.2	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.	0.4	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.	2.2	24
30	DeepMicrobes: taxonomic classification for metagenomics with deep learning. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqaa009.	1.5	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.	4.4	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.	3.0	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.	1.8	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.	4.7	15
35	The DNA Methylation Inhibitor Zebularine Controls CD4+ T Cell Mediated Intraocular Inflammation. <i>Frontiers in Immunology</i> , 2019, 10, 1950.	2.2	16
36	Defective Regulatory B Cells Are Associated With Thyroid-Associated Ophthalmopathy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4067-4077.	1.8	11

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37	Transcriptional factor ATF3 protects against colitis by regulating follicular helper T cells in Peyer's patches. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6286-6291.	3.3	30
38	Ocular surface pathogenesis associated with precocious eyelid opening and necrotic autologous tissue in mouse with disruption of Prickle 1 gene. <i>Experimental Eye Research</i> , 2019, 180, 208-225.	1.2	6
39	The Bromodomain and Extra-Terminal Protein Inhibitor OTX015 Suppresses T Helper Cell Proliferation and Differentiation. <i>Current Molecular Medicine</i> , 2019, 18, 594-601.	0.6	5
40	Inhibition of Experimental Age-Related Macular Degeneration by ZQMT in Mice. <i>Current Molecular Medicine</i> , 2019, 19, 434-442.	0.6	2
41	Genome-wide CRISPR screen identifies FAM49B as a key regulator of actin dynamics and T cell activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4051-E4060.	3.3	88
42	Association of <i>IGFN1</i> variant with polypoidal choroidal vasculopathy. <i>Journal of Gene Medicine</i> , 2018, 20, e3007.	1.4	8
43	Genome-wide analysis of disease progression in age-related macular degeneration. <i>Human Molecular Genetics</i> , 2018, 27, 929-940.	1.4	67
44	Epigenetics, microbiota, and intraocular inflammation: New paradigms of immune regulation in the eye. <i>Progress in Retinal and Eye Research</i> , 2018, 64, 84-95.	7.3	46
45	Integrated transcriptomic and metabolomic analysis reveals adaptive changes of hibernating retinas. <i>Journal of Cellular Physiology</i> , 2018, 233, 1434-1445.	2.0	20
46	FBXO38 mediates PD-1 ubiquitination and regulates anti-tumour immunity of T cells. <i>Nature</i> , 2018, 564, 130-135.	13.7	174
47	Panax Quinquefolium Saponins Attenuate Myocardial Dysfunction Induced by Chronic Ischemia. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 1277-1288.	1.1	10
48	Frequency of IL-10-producing regulatory B cells associated with disease activity in thyroid-associated orbitopathy. <i>International Journal of Ophthalmology</i> , 2018, 11, 1458-1462.	0.5	4
49	Panax Notoginseng Saponin Controls IL-17 Expression in Helper T Cells. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2017, 33, 285-289.	0.6	16
50	The effects of shared information on semantic calculations in the gene ontology. <i>Computational and Structural Biotechnology Journal</i> , 2017, 15, 195-211.	1.9	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. <i>Nature Communications</i> , 2016, 7, 11687.	5.8	38
53	Genome-wide Analysis Identifies Bcl6-Controlled Regulatory Networks during T Follicular Helper Cell Differentiation. <i>Cell Reports</i> , 2016, 14, 1735-1747.	2.9	110
54	PAPST, a User Friendly and Powerful Java Platform for ChIP-Seq Peak Co-Localization Analysis and Beyond. <i>PLoS ONE</i> , 2015, 10, e0127285.	1.1	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.	3.3	68
56	The Methylcytosine Dioxygenase Tet2 Promotes DNA Demethylation and Activation of Cytokine Gene Expression in T Cells. Immunity, 2015, 42, 613-626.	6.6	264
57	Negative regulation of Hif1a expression and TH17 differentiation by the hypoxia-regulated microRNA miR-210. Nature Immunology, 2014, 15, 393-401.	7.0	219
58	Transcription factor achaete-scute homologue 2 initiates follicular T-helper-cell development. Nature, 2014, 507, 513-518.	13.7	303
59	Genetic/Epigenetic Modulation, Ocular Diseases, and Therapeutic Prospective. Journal of Ophthalmology, 2013, 2013, 1-2.	0.6	1