

Jiu-Yao Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9355524/publications.pdf>

Version: 2024-02-01

103
papers

3,117
citations

172386

29
h-index

182361

51
g-index

105
all docs

105
docs citations

105
times ranked

4740
citing authors

#	ARTICLE	IF	CITATIONS
1	Deficient Hydrophilic Lung Surfactant Proteins A and D with Normal Surfactant Phospholipid Molecular Species in Cystic Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 20, 90-98.	1.4	229
2	Graphene oxide conjugated with polymers: a study of culture condition to determine whether a bacterial growth stimulant or an antimicrobial agent?. <i>Journal of Nanobiotechnology</i> , 2018, 16, 1.	4.2	207
3	Graphene quantum dots with nitrogen-doped content dependence for highly efficient dual-modality photodynamic antimicrobial therapy and bioimaging. <i>Biomaterials</i> , 2017, 120, 185-194.	5.7	168
4	Randomized placebo-controlled trial of lactobacillus on asthmatic children with allergic rhinitis. <i>Pediatric Pulmonology</i> , 2010, 45, 1111-1120.	1.0	164
5	Inhibitory Effect of Pulmonary Surfactant Proteins A and D on Allergen-induced Lymphocyte Proliferation and Histamine Release in Children with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998, 158, 510-518.	2.5	145
6	The effect of water-soluble chitosan on macrophage activation and the attenuation of mite allergen-induced airway inflammation. <i>Biomaterials</i> , 2008, 29, 2173-2182.	5.7	82
7	Allergen Extracts for In Vivo Diagnosis and Treatment of Allergy: Is There a Future?. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1845-1855.e2.	2.0	81
8	Two-Photon Photoexcited Photodynamic Therapy and Contrast Agent with Antimicrobial Graphene Quantum Dots. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30467-30474.	4.0	74
9	The Innate Immune Response in House Dust Mite-Induced Allergic Inflammation. <i>Allergy, Asthma and Immunology Research</i> , 2013, 5, 68.	1.1	70
10	Serine protease inhibitors nafamostat mesilate and gabexate mesilate attenuate allergen-induced airway inflammation and eosinophilia in a murine model of asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 105-112.	1.5	66
11	<i>Lactobacillus gasseri</i> suppresses Th17 pro-inflammatory response and attenuates allergen-induced airway inflammation in a mouse model of allergic asthma. <i>British Journal of Nutrition</i> , 2012, 108, 130-139.	1.2	65
12	Acetaminophen and/or antibiotic use in early life and the development of childhood allergic diseases. <i>International Journal of Epidemiology</i> , 2013, 42, 1087-1099.	0.9	63
13	Allergen-induced bronchial inflammation is associated with decreased levels of surfactant proteins A and D in a murine model of asthma. <i>Clinical and Experimental Allergy</i> , 2001, 31, 652-662.	1.4	60
14	Fas Ligand on Tumor Cells Mediates Inactivation of Neutrophils. <i>Journal of Immunology</i> , 2003, 171, 1183-1191.	0.4	58
15	Critical role of IL-6 in dendritic cell-induced allergic inflammation of asthma. <i>Journal of Molecular Medicine</i> , 2016, 94, 51-59.	1.7	57
16	Xiao-Qing-Long-Tang attenuates allergic airway inflammation and remodeling in repetitive <i>Dermatogoides pteronyssinus</i> challenged chronic asthmatic mice model. <i>Journal of Ethnopharmacology</i> , 2012, 142, 531-538.	2.0	53
17	Asia Pacific Association of Allergy Asthma and Clinical Immunology White Paper 2020 on climate change, air pollution, and biodiversity in Asia-Pacific and impact on allergic diseases. <i>Asia Pacific Allergy</i> , 2020, 10, e11.	0.6	48
18	House Dust Mite <i>Dermatophagoides farinae</i> Augments Proinflammatory Mediator Productions and Accessory Function of Alveolar Macrophages: Implications for Allergic Sensitization and Inflammation. <i>Journal of Immunology</i> , 2003, 170, 528-536.	0.4	47

#	ARTICLE	IF	CITATIONS
19	Therapeutic effect of surfactant protein D in allergic inflammation of mite-sensitized mice. <i>Clinical and Experimental Allergy</i> , 2005, 35, 515-521.	1.4	44
20	The immunoregulatory roles of lung surfactant collectins SP-A, and SP-D, in allergen-induced airway inflammation. <i>Immunobiology</i> , 2007, 212, 417-425.	0.8	43
21	Multiplexed Graphene Quantum Dots with Excitation-Wavelength-Independent Photoluminescence, as Two-Photon Probes, and in Ultraviolet-Near Infrared Bioimaging. <i>ACS Nano</i> , 2020, 14, 11502-11509.	7.3	42
22	Human Surfactant Protein D Binds Spike Protein and Acts as an Entry Inhibitor of SARS-CoV-2 Pseudotyped Viral Particles. <i>Frontiers in Immunology</i> , 2021, 12, 641360.	2.2	41
23	Propolis inhibits TGF- β 1-induced epithelial-mesenchymal transition in human alveolar epithelial cells via PPAR γ activation. <i>International Immunopharmacology</i> , 2013, 15, 565-574.	1.7	40
24	Association of Oral Corticosteroid Bursts With Severe Adverse Events in Children. <i>JAMA Pediatrics</i> , 2021, 175, 723-729.	3.3	38
25	An Association Study of 13 SNPs from Seven Candidate Genes with Pediatric Asthma and a Preliminary Study for Genetic Testing by Multiple Variants in Taiwanese Population. <i>Journal of Clinical Immunology</i> , 2009, 29, 205-209.	2.0	36
26	Cytotoxicity of Imidazole Ionic Liquids in Human Lung Carcinoma A549 Cell Line. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 763-769.	0.8	36
27	Association of CD14 promoter polymorphisms and soluble CD14 levels in mite allergen sensitization of children in Taiwan. <i>Journal of Human Genetics</i> , 2006, 51, 59-67.	1.1	32
28	Reliability and validity of childhood asthma control test in a population of Chinese asthmatic children. <i>Quality of Life Research</i> , 2008, 17, 585-593.	1.5	32
29	Efficient two-photon luminescence for cellular imaging using biocompatible nitrogen-doped graphene quantum dots conjugated with polymers. <i>Nanoscale</i> , 2018, 10, 109-117.	2.8	31
30	Chronic Iron Overload Results in Impaired Bacterial Killing of THP-1 Derived Macrophage through the Inhibition of Lysosomal Acidification. <i>PLoS ONE</i> , 2016, 11, e0156713.	1.1	31
31	Innate Immune Response of Alveolar Macrophage to House Dust Mite Allergen Is Mediated through TLR2/4 Co-Activation. <i>PLoS ONE</i> , 2013, 8, e75983.	1.1	30
32	Toward personalization of asthma treatment according to trigger factors. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1529-1534.	1.5	30
33	Pediatric allergy and immunology in China. <i>Pediatric Allergy and Immunology</i> , 2018, 29, 127-132.	1.1	29
34	Discovery of genetic difference between asthmatic children with high IgE level and normal IgE level by whole genome linkage disequilibrium mapping using 763 autosomal STR markers. <i>Journal of Human Genetics</i> , 2005, 50, 249-258.	1.1	28
35	Determination of multiple allergen-specific IgE by microfluidic immunoassay cartridge in clinical settings. <i>Pediatric Allergy and Immunology</i> , 2010, 21, 623-633.	1.1	27
36	Increased Dose and Duration of Statin Use Is Associated with Decreased Asthma-Related Emergency Department Visits and Hospitalizations. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1588-1595.e1.	2.0	27

#	ARTICLE	IF	CITATIONS
37	Lactobacillus salivarius AP-32 and Lactobacillus reuteri GL-104 decrease glycemic levels and attenuate diabetes-mediated liver and kidney injury in db/db mice. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001028.	1.2	27
38	Associations Between Topical Ophthalmic Corticosteroids and Central Serous Chorioretinopathy: A Taiwanese Population-Based Study. , 2015, 56, 4083.		25
39	Complement regulatory protein CD46 induces autophagy against oxidative stress-mediated apoptosis in normal and asthmatic airway epithelium. <i>Scientific Reports</i> , 2018, 8, 12973.	1.6	25
40	l-Arginine-Dependent Epigenetic Regulation of Interleukin-10, but Not Transforming Growth Factor- β 2, Production by Neonatal Regulatory T Lymphocytes. <i>Frontiers in Immunology</i> , 2017, 8, 487.	2.2	23
41	Graphene quantum dots conjugated with polymers for two-photon properties under two-photon excitation. <i>Nanoscale</i> , 2016, 8, 16874-16880.	2.8	22
42	Lactobacillus gasseri attenuates allergic airway inflammation through PPAR β activation in dendritic cells. <i>Journal of Molecular Medicine</i> , 2018, 96, 39-51.	1.7	22
43	Increasing trends of anaphylaxis-related events: an analysis of anaphylaxis using nationwide data in Taiwan, 2001â€“2013. <i>World Allergy Organization Journal</i> , 2018, 11, 23.	1.6	22
44	COVIDâ€19 and asthma, the good or the bad?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 565-567.	2.7	22
45	An automated microfluidic-based immunoassay cartridge for allergen screening and other multiplexed assays. <i>Analytical Biochemistry</i> , 2009, 391, 98-105.	1.1	21
46	Genetic variants of pulmonary α 1-antitrypsin predict disease outcome of COPD in a Chinese population. <i>Respirology</i> , 2015, 20, 296-303.	1.3	21
47	Goat Milk Consumption Enhances Innate and Adaptive Immunities and Alleviates Allergen-Induced Airway Inflammation in Offspring Mice. <i>Frontiers in Immunology</i> , 2020, 11, 184.	2.2	21
48	Functional Analysis of Genetic Variations in Surfactant Protein D in Mycobacterial Infection and Their Association With Tuberculosis. <i>Frontiers in Immunology</i> , 2018, 9, 1543.	2.2	20
49	Actinobacillus actinomycetemcomitans Pneumonia with Chest Wall and Subphrenic Abscess. <i>Scandinavian Journal of Infectious Diseases</i> , 1995, 27, 289-290.	1.5	18
50	The Burden of Allergic Asthma in Children: A Landscape Comparison Based on Data from Lithuanian, Latvian, and Taiwanese Populations. <i>Pediatrics and Neonatology</i> , 2012, 53, 276-282.	0.3	18
51	Joining Illumina paired-end reads for classifying phylogenetic marker sequences. <i>BMC Bioinformatics</i> , 2020, 21, 105.	1.2	18
52	Development and Application of Human Coronavirus Protein Microarray for Specificity Analysis. <i>Analytical Chemistry</i> , 2021, 93, 7690-7698.	3.2	18
53	A recombinant polypeptide, composed of the α -helical neck region and the carbohydrate recognition domain of conglutinin, self-associates to give a functionally intact homotrimer. <i>FEBS Letters</i> , 1995, 376, 6-10.	1.3	17
54	Childhood Atopic Dermatitis in Taiwan. <i>Pediatrics and Neonatology</i> , 2016, 57, 89-96.	0.3	17

#	ARTICLE	IF	CITATIONS
55	Blocking IL-19 Signaling Ameliorates Allergen-Induced Airway Inflammation. <i>Frontiers in Immunology</i> , 2019, 10, 968.	2.2	17
56	Effect of a Probiotic Combination in an Experimental Mouse Model and Clinical Patients With Chronic Kidney Disease: A Pilot Study. <i>Frontiers in Nutrition</i> , 2021, 8, 661794.	1.6	16
57	Variant in Promoter Region of Platelet-Derived Growth Factor Receptor- β (PDGFR β) Gene Is Associated with the Severity and Allergic Status of Childhood Asthma. <i>International Archives of Allergy and Immunology</i> , 2006, 141, 37-46.	0.9	15
58	The polymorphisms of protein-tyrosine phosphatase receptor-type delta gene and its association with pediatric asthma in the Taiwanese population. <i>European Journal of Human Genetics</i> , 2008, 16, 1283-1288.	1.4	15
59	Health care utilization and medical costs for childhood asthma in Taiwan: using Taiwan National Health Insurance Research Database. <i>Asia Pacific Allergy</i> , 2012, 2, 167.	0.6	15
60	Drug hypersensitivity reactions in Asia: regional issues and challenges. <i>Asia Pacific Allergy</i> , 2020, 10, e8.	0.6	15
61	<i>Dermatophagoides farinae</i> -Induced Pulmonary Eosinophilic Inflammation in Mice. <i>International Archives of Allergy and Immunology</i> , 1997, 112, 73-82.	0.9	14
62	Association study using combination analysis of SNP and STRP markers: CD14 promoter polymorphism and IgE level in Taiwanese asthma children. <i>Journal of Human Genetics</i> , 2005, 50, 36-41.	1.1	14
63	Warm up, cool down, and tearing apart in NK cell memory. <i>Cellular and Molecular Immunology</i> , 2018, 15, 1095-1097.	4.8	14
64	Effect of Size-Dependent Photodestructive Efficacy by Gold Nanomaterials with Multiphoton Laser. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17318-17329.	4.0	13
65	Leukocyte nicotinamide adenine dinucleotide phosphate-reduced oxidase is required for isocyanate-induced lung inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 1014-1023.	1.5	12
66	Upregulated thymic stromal lymphopoietin receptor expression in children with asthma. <i>European Journal of Clinical Investigation</i> , 2016, 46, 511-519.	1.7	12
67	High correlation between human rhinovirus type C and children with asthma exacerbations in Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 561-568.	1.5	12
68	Associations among phthalate exposure, DNA methylation of TSLP, and childhood allergy. <i>Clinical Epigenetics</i> , 2021, 13, 76.	1.8	12
69	Domestic Exposure to Fungi and Total Serum IgE Levels in Asthmatic Children. <i>Mediators of Inflammation</i> , 2005, 2005, 167-170.	1.4	11
70	Allergic Colitis in Infants Related to Cow's Milk: Clinical Characteristics, Pathologic Changes, and Immunologic Findings. <i>Pediatrics and Neonatology</i> , 2013, 54, 49-55.	0.3	11
71	<i>Escherichia coli</i> Heat-Labile Detoxified Enterotoxin Modulates Dendritic Cell Function and Attenuates Allergic Airway Inflammation. <i>PLoS ONE</i> , 2014, 9, e90293.	1.1	11
72	PSMA6 (rs2277460, rs1048990), PSMC6 (rs2295826, rs2295827) and PSMA3 (rs2348071) genetic diversity in Latvians, Lithuanians and Taiwanese. <i>Meta Gene</i> , 2014, 2, 283-298.	0.3	10

#	ARTICLE	IF	CITATIONS
73	Climate Change, Air Pollution, and Biodiversity in Asia Pacific and Impact on Respiratory Allergies. <i>Immunology and Allergy Clinics of North America</i> , 2021, 41, 63-71.	0.7	10
74	Paternal Heredity and Housing Characteristics Affect Childhood Asthma and Allergy Morbidity. <i>Archives of Environmental and Occupational Health</i> , 2012, 67, 155-162.	0.7	9
75	Adjunct therapy with probiotics for chronic urticaria in children: randomised placebo-controlled trial. <i>Allergy, Asthma and Clinical Immunology</i> , 2021, 17, 39.	0.9	9
76	Asia-Pacific perspectives on the COVID-19 pandemic. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2998-2901.	2.7	9
77	Diagnostic procedures & practices in drug allergy/hypersensitivity: a survey of 13 Asian countries. <i>Asia Pacific Allergy</i> , 2020, 10, e36.	0.6	8
78	Polymorphisms of Interleukin 7 Receptor are Associated With Mite-Sensitive Allergic Asthma in Children in Taiwan. <i>Tzu Chi Medical Journal</i> , 2010, 22, 18-23.	0.4	7
79	Epitope mapping and structural analysis of the anti-Der p 1 monoclonal antibody: insight into therapeutic potential. <i>Journal of Molecular Medicine</i> , 2011, 89, 701-712.	1.7	7
80	Water-soluble chitosan inhibits nerve growth factor and attenuates allergic inflammation in mite allergen-induced allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1146-1149.e8.	1.5	7
81	Early-life EV-A71 infection augments allergen-induced airway inflammation in asthma through trained macrophage immunity. <i>Cellular and Molecular Immunology</i> , 2021, 18, 472-483.	4.8	7
82	Decreasing ten-year (2008-2018) trends of the prevalence of childhood asthma and air pollution in Southern Taiwan. <i>World Allergy Organization Journal</i> , 2021, 14, 100538.	1.6	7
83	Direct Measurement of Neutrophil F-Actin Content in Microvolume Whole Blood Samples. <i>International Archives of Allergy and Immunology</i> , 1996, 110, 325-331.	0.9	6
84	Reversing rapidly deteriorating lung function in eosinophilic bronchiolitis by pulse steroid and anti-IgE therapy. <i>Journal of the Formosan Medical Association</i> , 2014, 113, 326-327.	0.8	6
85	Prenatal Exposure to Di-Ethyl Phthalate (DEP) Is Related to Increasing Neonatal IgE Levels and the Altering of the Immune Polarization of Helper-T Cells. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6364.	1.2	6
86	Subcutaneous injection of recombinant heat shock protein 70 ameliorates atopic dermatitis skin lesions in a mouse model. <i>Kaohsiung Journal of Medical Sciences</i> , 2020, 36, 186-195.	0.8	5
87	Global Pediatric Pulmonology Alliance (GPPA) proposal for COVID-19 vaccination in children. <i>World Journal of Pediatrics</i> , 2021, 17, 458-461.	0.8	5
88	Water-Soluble Fullerenol with Hydroxyl Group Dependence for Efficient Two-Photon Excited Photodynamic Inactivation of Infectious Microbes. <i>Nanoscale Research Letters</i> , 2020, 15, 99.	3.1	5
89	The clinical efficacy of in vitro allergen-specific IgE antibody test in the diagnosis of allergic children with asthma. <i>Acta Paediatrica Taiwanica = Taiwan Er Ke Yi Xue Hui Za Zhi</i> , 2002, 43, 35-9.	0.1	5
90	Association of single nucleotide polymorphisms of MD-1 gene with pediatric and adult asthma in the Taiwanese population. <i>Journal of Microbiology, Immunology and Infection</i> , 2008, 41, 445-9.	1.5	5

#	ARTICLE	IF	CITATIONS
91	Polymorphisms of EHF-ELF5 genomic region and its association with pediatric asthma in the Taiwanese population. <i>Journal of Microbiology, Immunology and Infection</i> , 2016, 49, 879-884.	1.5	4
92	Association between keratoconus and the risk of adolescent or adult onset atopic dermatitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2946-2948.	2.7	4
93	Two-Photon Near Infrared-II Antimicrobial Graphene-Nanoagent for Ultraviolet Near Infrared Imaging and Photoinactivation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3230.	1.8	4
94	What Taiwan contributes to the world of allergy and clinical immunology?. <i>Asia Pacific Allergy</i> , 2013, 3, 209-214.	0.6	3
95	Longitudinal pattern of multiplexed immunoglobulin E sensitization from prenatal stage to the first year of life. <i>Pediatric Allergy and Immunology</i> , 2016, 27, 620-626.	1.1	3
96	Is asthma a protective factor for dengue fever? In vitro experiment and nationwide population-based cohort analysis. <i>Allergology International</i> , 2019, 68, 486-493.	1.4	2
97	Nitrogen Functionalities of Amino-Functionalized Nitrogen-Doped Graphene Quantum Dots for Highly Efficient Enhancement of Antimicrobial Therapy to Eliminate Methicillin-Resistant <i>Staphylococcus aureus</i> and Utilization as a Contrast Agent. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9695.	1.8	2
98	A Never Ending Story in the Pursuit of Susceptible Genes in Allergy and Asthma. <i>Pediatrics and Neonatology</i> , 2008, 49, 3-4.	0.3	1
99	Obesity risk class and asthma outpatient service utilization by the middle aged and elderly in Taiwan. <i>Health Policy</i> , 2016, 120, 552-560.	1.4	1
100	Disease tolerance to infection: the immune defense strategy of mitoribosome targeting. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1626-1627.	4.8	0
101	Actions needed for "Allergy in Asia-Pacific". <i>Asia Pacific Allergy</i> , 2019, 9, e27.	0.6	0
102	The human microbiome and role of probiotics in the prevention of atopic dermatitis. <i>Nihon Shoni Arerugi Gakkaishi the Japanese Journal of Pediatric Allergy and Clinical Immunology</i> , 2019, 33, 26-34.	0.0	0
103	APAAACI 2021 International Conference: a new era of allergy and clinical immunology in digital. <i>Asia Pacific Allergy</i> , 2022, 12, e5.	0.6	0