Jiu-Yao Wang

List of Publications by Year
in descending order

103	3,117	172386	182361
papers	citations	29 h-index	51 g-index

105	105	105	4740
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	APAAACI 2021 International Conference: a new era of allergy and clinical immunology in digital. Asia Pacific Allergy, 2022, 12, e5.	0.6	0
2	Two-Photonâ€“Near Infrared-II Antimicrobial Graphene-Nanoagent for Ultravioletâ€“Near Infrared Imaging and Photoinactivation. International Journal of Molecular Sciences, 2022, 23, 3230.	1.8	4
3	COVIDâ€19 and asthma, the good or the bad?. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 565-567.	2.7	22
4	Climate Change, Air Pollution, and Biodiversity in Asia Pacific and Impact on Respiratory Allergies. Immunology and Allergy Clinics of North America, 2021, 41, 63-71.	0.7	10
5	Early-life EV-A71 infection augments allergen-induced airway inflammation in asthma through trained macrophage immunity. Cellular and Molecular Immunology, 2021, 18, 472-483.	4.8	7
6	Adjunct therapy with probiotics for chronic urticaria in children: randomised placebo-controlled trial. Allergy, Asthma and Clinical Immunology, 2021, 17, 39.	0.9	9
7	Associations among phthalate exposure, DNA methylation of TSLP, and childhood allergy. Clinical Epigenetics, 2021, 13, 76.	1.8	12
8	Association of Oral Corticosteroid Bursts With Severe Adverse Events in Children. JAMA Pediatrics, 2021, 175, 723-729.	3.3	38
9	Disease tolerance to infection: the immune defense strategy of mitoribosome targeting. Cellular and Molecular Immunology, 2021, 18, 1626-1627.	4.8	0
10	Effect of a Probiotic Combination in an Experimental Mouse Model and Clinical Patients With Chronic Kidney Disease: A Pilot Study. Frontiers in Nutrition, 2021, 8, 661794.	1.6	16
11	Development and Application of Human Coronavirus Protein Microarray for Specificity Analysis. Analytical Chemistry, 2021, 93, 7690-7698.	3.2	18
12	Human Surfactant Protein D Binds Spike Protein and Acts as an Entry Inhibitor of SARS-CoV-2 Pseudotyped Viral Particles. Frontiers in Immunology, 2021, 12, 641360.	2.2	41
13	Asiaâ€Pacific perspectives on the COVIDâ€19 pandemic. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2998-2901.	2.7	9
14	Decreasing ten-year (2008â€“2018) trends of the prevalence of childhood asthma and air pollution in Southern Taiwan. World Allergy Organization Journal, 2021, 14, 100538.	1.6	7
15	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. International Journal of Environmental Research and Public Health, 2021, 18, 6364.	1.2	6
16	Nitrogen Functionalities of Amino-Functionalized Nitrogen-Doped Graphene Quantum Dots for Highly Efficient Enhancement of Antimicrobial Therapy to Eliminate Methicillin-Resistant Staphylococcus aureus and Utilization as a Contrast Agent. International Journal of Molecular Sciences, 2021, 22, 9695.	1.8	2
17	Global Pediatric Pulmonology Alliance (GPPA) proposal for COVID-19 vaccination in children. World Journal of Pediatrics, 2021, 17, 458-461.	0.8	5
18	High correlation between human rhinovirus type C and children with asthma exacerbations in Taiwan. Journal of Microbiology, Immunology and Infection, 2020, 53, 561-568.	1.5	12

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19	Subcutaneous injection of recombinant heat shock protein 70 ameliorates atopic dermatitis skin lesions in a mouse model. Kaohsiung Journal of Medical Sciences, 2020, 36, 186-195.	0.8	5
20	Multiplexed Graphene Quantum Dots with Excitation-Wavelength-Independent Photoluminescence, as Two-Photon Probes, and in Ultravioletâ€“Near Infrared Bioimaging. ACS Nano, 2020, 14, 11502-11509.	7.3	42
21	Joining Illumina paired-end reads for classifying phylogenetic marker sequences. BMC Bioinformatics, 2020, 21, 105.	1.2	18
22	Goat Milk Consumption Enhances Innate and Adaptive Immunities and Alleviates Allergen-Induced Airway Inflammation in Offspring Mice. Frontiers in Immunology, 2020, 11, 184.	2.2	21
23	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. Asia Pacific Allergy, 2020, 10, e11.	0.6	48
24	Drug hypersensitivity reactions in Asia: regional issues and challenges. Asia Pacific Allergy, 2020, 10, e8.	0.6	15
25	Toward personalization of asthma treatment according to trigger factors. Journal of Allergy and Clinical Immunology, 2020, 145, 1529-1534.	1.5	30
26	Lactobacillus salivarius AP-32 and Lactobacillus reuteri GL-104 decrease glycemic levels and attenuate diabetes-mediated liver and kidney injury in db/db mice. BMJ Open Diabetes Research and Care, 2020, 8, e001028.	1.2	27
27	Association between keratoconus and the risk of adolescentâ€•or adultâ€•onset atopic dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2946-2948.	2.7	4
28	Diagnostic procedures & practices in drug allergy/hypersensitivity: a survey of 13 Asian countries. Asia Pacific Allergy, 2020, 10, e36.	0.6	8
29	Water-Soluble Fullerenol with Hydroxyl Group Dependence for Efficient Two-Photon Excited Photodynamic Inactivation of Infectious Microbes. Nanoscale Research Letters, 2020, 15, 99.	3.1	5
30	Is asthma a protective factor for dengue fever? InÂvitro experiment and nationwide population-based cohort analysis. Allergology International, 2019, 68, 486-493.	1.4	2
31	Blocking IL-19 Signaling Ameliorates Allergen-Induced Airway Inflammation. Frontiers in Immunology, 2019, 10, 968.	2.2	17
32	Actions needed for â€œAllergy in Asia-Pacificâ€• Asia Pacific Allergy, 2019, 9, e27.	0.6	0
33	The human microbiome and role of probiotics in the prevention of atopic dermatitis. Nihon Shoni Arerugi Gakkaishi the Japanese Journal of Pediatric Allergy and Clinical Immunology, 2019, 33, 26-34.	0.0	0
34	Increased Dose and Duration of Statin Use Is Associated with Decreased Asthma-Related Emergency Department Visits and Hospitalizations. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 1588-1595.e1.	2.0	27
35	Pediatric allergy and immunology in China. Pediatric Allergy and Immunology, 2018, 29, 127-132.	1.1	29
36	Lactobacillus gasseri attenuates allergic airway inflammation through PPARÎ³ activation in dendritic cells. Journal of Molecular Medicine, 2018, 96, 39-51.	1.7	22

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37	Efficient two-photon luminescence for cellular imaging using biocompatible nitrogen-doped graphene quantum dots conjugated with polymers. Nanoscale, 2018, 10, 109-117.	2.8	31
38	Warm up, cool down, and tearing apart in NK cell memory. Cellular and Molecular Immunology, 2018, 15, 1095-1097.	4.8	14
39	Allergen Extracts for InÂVivo Diagnosis and Treatment of Allergy: Is There a Future?. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 1845-1855.e2.	2.0	81
40	Increasing trends of anaphylaxis-related events: an analysis of anaphylaxis using nationwide data in Taiwan, 2001â€“2013. World Allergy Organization Journal, 2018, 11, 23.	1.6	22
41	Complement regulatory protein CD46 induces autophagy against oxidative stress-mediated apoptosis in normal and asthmatic airway epithelium. Scientific Reports, 2018, 8, 12973.	1.6	25
42	Functional Analysis of Genetic Variations in Surfactant Protein D in Mycobacterial Infection and Their Association With Tuberculosis. Frontiers in Immunology, 2018, 9, 1543.	2.2	20
43	Graphene oxide conjugated with polymers: a study of culture condition to determine whether a bacterial growth stimulant or an antimicrobial agent?. Journal of Nanobiotechnology, 2018, 16, 1.	4.2	207
44	Graphene quantum dots with nitrogen-doped content dependence for highly efficient dual-modality photodynamic antimicrobial therapy and bioimaging. Biomaterials, 2017, 120, 185-194.	5.7	168
45	Water-soluble chitosan inhibits nerve growth factor and attenuates allergic inflammation in mite allergenâ€“induced allergic rhinitis. Journal of Allergy and Clinical Immunology, 2017, 140, 1146-1149.e8.	1.5	7
46	l-Arginine-Dependent Epigenetic Regulation of Interleukin-10, but Not Transforming Growth Factor-Î², Production by Neonatal Regulatory T Lymphocytes. Frontiers in Immunology, 2017, 8, 487.	2.2	23
47	Longitudinal pattern of multiplexed immunoglobulin E sensitization from prenatal stage to the first year of life. Pediatric Allergy and Immunology, 2016, 27, 620-626.	1.1	3
48	Upregulated thymic stromal lymphopoietin receptor expression in children with asthma. European Journal of Clinical Investigation, 2016, 46, 511-519.	1.7	12
49	Obesity risk class and asthma outpatient service utilization by the middle aged and elderly in Taiwan. Health Policy, 2016, 120, 552-560.	1.4	1
50	Graphene quantum dots conjugated with polymers for two-photon properties under two-photon excitation. Nanoscale, 2016, 8, 16874-16880.	2.8	22
51	Two-Photon Photoexcited Photodynamic Therapy and Contrast Agent with Antimicrobial Graphene Quantum Dots. ACS Applied Materials & Interfaces, 2016, 8, 30467-30474.	4.0	74
52	Childhood Atopic Dermatitis in Taiwan. Pediatrics and Neonatology, 2016, 57, 89-96.	0.3	17
53	Polymorphisms of EHF-ELF5 genomic region and its association with pediatric asthma in the Taiwanese population. Journal of Microbiology, Immunology and Infection, 2016, 49, 879-884.	1.5	4
54	Critical role of IL-6 in dendritic cell-induced allergic inflammation of asthma. Journal of Molecular Medicine, 2016, 94, 51-59.	1.7	57

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55	Chronic Iron Overload Results in Impaired Bacterial Killing of THP-1 Derived Macrophage through the Inhibition of Lysosomal Acidification. PLoS ONE, 2016, 11, e0156713.	1.1	31
56	Associations Between Topical Ophthalmic Corticosteroids and Central Serous Chorioretinopathy: A Taiwanese Population-Based Study. , 2015, 56, 4083.		25
57	Genetic variants of pulmonary <scp>SPâ€Ð</scp> predict disease outcome of <scp>COPD</scp> in a <scp>C</scp>hinese population. Respirology, 2015, 20, 296-303.	1.3	21
58	Effect of Size-Dependent Photodestructive Efficacy by Gold Nanomaterials with Multiphoton Laser. ACS Applied Materials & Interfaces, 2015, 7, 17318-17329.	4.0	13
59	Escherichia coli Heat-Labile Detoxified Enterotoxin Modulates Dendritic Cell Function and Attenuates Allergic Airway Inflammation. PLoS ONE, 2014, 9, e90293.	1.1	11
60	Cytotoxicity of Imidazole Ionic Liquids in Human Lung Carcinoma A549 Cell Line. Journal of the Chinese Chemical Society, 2014, 61, 763-769.	0.8	36
61	Reversing rapidly deteriorating lung function in eosinophilic bronchiolitis by pulse steroid and anti-IgE therapy. Journal of the Formosan Medical Association, 2014, 113, 326-327.	0.8	6
62	PSMA6 (rs2277460, rs1048990), PSMC6 (rs2295826, rs2295827) and PSMA3 (rs2348071) genetic diversity in Latvians, Lithuanians and Taiwanese. Meta Gene, 2014, 2, 283-298.	0.3	10
63	Propolis inhibits TGF-Î²1-induced epithelialâ€“mesenchymal transition in human alveolar epithelial cells via PPARÎ³ activation. International Immunopharmacology, 2013, 15, 565-574.	1.7	40
64	Allergic Colitis in Infants Related to Cowâ€™s Milk: Clinical Characteristics, Pathologic Changes, and Immunologic Findings. Pediatrics and Neonatology, 2013, 54, 49-55.	0.3	11
65	Acetaminophen and/or antibiotic use in early life and the development of childhood allergic diseases. International Journal of Epidemiology, 2013, 42, 1087-1099.	0.9	63
66	The Innate Immune Response in House Dust Mite-Induced Allergic Inflammation. Allergy, Asthma and Immunology Research, 2013, 5, 68.	1.1	70
67	What Taiwan contributes to the world of allergy and clinical immunology?. Asia Pacific Allergy, 2013, 3, 209-214.	0.6	3
68	Innate Immune Response of Alveolar Macrophage to House Dust Mite Allergen Is Mediated through TLR2/-4 Co-Activation. PLoS ONE, 2013, 8, e75983.	1.1	30
69	Lactobacillus gasseri suppresses Th17 pro-inflammatory response and attenuates allergen-induced airway inflammation in a mouse model of allergic asthma. British Journal of Nutrition, 2012, 108, 130-139.	1.2	65
70	Paternal Heredity and Housing Characteristics Affect Childhood Asthma and Allergy Morbidity. Archives of Environmental and Occupational Health, 2012, 67, 155-162.	0.7	9
71	Xiao-Qing-Long-Tang attenuates allergic airway inflammation and remodeling in repetitive Dermatogoides pteronyssinus challenged chronic asthmatic mice model. Journal of Ethnopharmacology, 2012, 142, 531-538.	2.0	53
72	The Burden of Allergic Asthma in Children: AÂLandscape Comparison Based on Data from Lithuanian, Latvian, and Taiwanese Populations. Pediatrics and Neonatology, 2012, 53, 276-282.	0.3	18

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73	Health care utilization and medical costs for childhood asthma in Taiwan: using Taiwan National Health Insurance Research Database. Asia Pacific Allergy, 2012, 2, 167.	0.6	15
74	Leukocyte nicotinamide adenine dinucleotide phosphate-reduced oxidase is required for isocyanate-induced lung inflammation. Journal of Allergy and Clinical Immunology, 2011, 127, 1014-1023.	1.5	12
75	Epitope mapping and structural analysis of the anti-Der p 1 monoclonal antibody: insight into therapeutic potential. Journal of Molecular Medicine, 2011, 89, 701-712.	1.7	7
76	Determination of multiple allergen-specific IgE by microfluidic immunoassay cartridge in clinical settings. Pediatric Allergy and Immunology, 2010, 21, 623-633.	1.1	27
77	Polymorphisms of Interleukin 7 Receptor are Associated With Mite-Sensitive Allergic Asthma in Children in Taiwan. Tzu Chi Medical Journal, 2010, 22, 18-23.	0.4	7
78	Randomized placeboâ€controlled trial of lactobacillus on asthmatic children with allergic rhinitis. Pediatric Pulmonology, 2010, 45, 1111-1120.	1.0	164
79	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. Journal of Clinical Immunology, 2009, 29, 205-209.	2.0	36
80	An automated microfluidic-based immunoassay cartridge for allergen screening and other multiplexed assays. Analytical Biochemistry, 2009, 391, 98-105.	1.1	21
81	Reliability and validity of childhood asthma control test in a population of Chinese asthmatic children. Quality of Life Research, 2008, 17, 585-593.	1.5	32
82	The effect of water-soluble chitosan on macrophage activation and the attenuation of mite allergen-induced airway inflammation. Biomaterials, 2008, 29, 2173-2182.	5.7	82
83	The polymorphisms of protein-tyrosine phosphatase receptor-type delta gene and its association with pediatric asthma in the Taiwanese population. European Journal of Human Genetics, 2008, 16, 1283-1288.	1.4	15
84	A Never Ending Story in the Pursuit of Susceptible Genes in Allergy and Asthma. Pediatrics and Neonatology, 2008, 49, 3-4.	0.3	1
85	Association of single nucleotide polymorphisms of MD-1 gene with pediatric and adult asthma in the Taiwanese population. Journal of Microbiology, Immunology and Infection, 2008, 41, 445-9.	1.5	5
86	The immunoregulatory roles of lung surfactant collectins SP-A, and SP-D, in allergen-induced airway inflammation. Immunobiology, 2007, 212, 417-425.	0.8	43
87	Serine protease inhibitors nafamostat mesilate and gabexate mesilate attenuate allergen-induced airway inflammation and eosinophilia in a murine model of asthma. Journal of Allergy and Clinical Immunology, 2006, 118, 105-112.	1.5	66
88	Association of CD14 promoter polymorphisms and soluble CD14 levels in mite allergen sensitization of children in Taiwan. Journal of Human Genetics, 2006, 51, 59-67.	1.1	32
89	Variant in Promoter Region of Platelet-Derived Growth Factor Receptor-Î± (PDGFRÎ±) Gene Is Associated with the Severity and Allergic Status of Childhood Asthma. International Archives of Allergy and Immunology, 2006, 141, 37-46.	0.9	15
90	Therapeutic effect of surfactant protein D in allergic inflammation of mite-sensitized mice. Clinical and Experimental Allergy, 2005, 35, 515-521.	1.4	44

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91	Association study using combination analysis of SNP and STRP markers: CD14 promoter polymorphism and IgE level in Taiwanese asthma children. Journal of Human Genetics, 2005, 50, 36-41.	1.1	14
92	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. Journal of Human Genetics, 2005, 50, 249-258.	1.1	28
93	Domestic Exposure to Fungi and Total Serum IgE Levels in Asthmatic Children. Mediators of Inflammation, 2005, 2005, 167-170.	1.4	11
94	House Dust Mite Dermatophagoides farinae Augments Proinflammatory Mediator Productions and Accessory Function of Alveolar Macrophages: Implications for Allergic Sensitization and Inflammation. Journal of Immunology, 2003, 170, 528-536.	0.4	47
95	Fas Ligand on Tumor Cells Mediates Inactivation of Neutrophils. Journal of Immunology, 2003, 171, 1183-1191.	0.4	58
96	The clinical efficacy of in vitro allergen-specific IgE antibody test in the diagnosis of allergic children with asthma. Acta Paediatrica Taiwanica = Taiwan Er Ke Yi Xue Hui Za Zhi, 2002, 43, 35-9.	0.1	5
97	Allergen-induced bronchial inflammation is associated with decreased levels of surfactant proteins A and D in a murine model of asthma. Clinical and Experimental Allergy, 2001, 31, 652-662.	1.4	60
98	Deficient Hydrophilic Lung Surfactant Proteins A and D with Normal Surfactant Phospholipid Molecular Species in Cystic Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 90-98.	1.4	229
99	Inhibitory Effect of Pulmonary Surfactant Proteins A and D on Allergen-induced Lymphocyte Proliferation and Histamine Release in Children with Asthma. American Journal of Respiratory and Critical Care Medicine, 1998, 158, 510-518.	2.5	145
100	Dermatophagoides-farinae-Induced Pulmonary Eosinophilic Inflammation in Mice. International Archives of Allergy and Immunology, 1997, 112, 73-82.	0.9	14
101	Direct Measurement of Neutrophil F-Actin Content in Microvolume Whole Blood Samples. International Archives of Allergy and Immunology, 1996, 110, 325-331.	0.9	6
102	Actinobacillus actinomycetemcomitans Pneumonia with Chest Wall and Subphrenic Abscess. Scandinavian Journal of Infectious Diseases, 1995, 27, 289-290.	1.5	18
103	A recombinant polypeptide, composed of the Î±-helical neck region and the carbohydrate recogniton domain of conglutinin, self-associates to give a functionally intact homotrimer. FEBS Letters, 1995, 376, 6-10.	1.3	17