

Fook Tim Chew

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

181
papers

4,913
citations

42
h-index

61
g-index

206
ext. papers

5,765
ext. citations

5.8
avg, IF

5.42
L-index

#	Paper	IF	Citations
181	Seasonal trends of viral respiratory tract infections in the tropics. <i>Epidemiology and Infection</i> , 1998 , 121, 121-8	4.3	250
180	Whole metagenome profiling reveals skin microbiome-dependent susceptibility to atopic dermatitis flare. <i>Nature Microbiology</i> , 2016 , 1, 16106	26.6	177
179	Age- and sex-related changes in lymphocyte subpopulations of healthy Asian subjects: from birth to adulthood. <i>Cytometry</i> , 1996 , 26, 8-15		117
178	Prevalence and severity of asthma, rhinitis, and eczema in Singapore schoolchildren. <i>Archives of Disease in Childhood</i> , 1996 , 74, 131-5	2.2	117
177	Proteomic analysis of human tears: defensin expression after ocular surface surgery. <i>Journal of Proteome Research</i> , 2004 , 3, 410-6	5.6	101
176	Allergic airway diseases in a tropical urban environment are driven by dominant mono-specific sensitization against house dust mites. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014 , 69, 501-9	9.3	93
175	A rule-based approach for robust clump splitting. <i>Pattern Recognition</i> , 2006 , 39, 1088-1098	7.7	92
174	Multiple wheat flour allergens and cross-reactive carbohydrate determinants bind IgE in baker's asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011 , 66, 1208-15	9.3	90
173	Detection of two orchid viruses using quartz crystal microbalance (QCM) immunosensors. <i>Journal of Virological Methods</i> , 2002 , 99, 71-9	2.6	89
172	Seasonal variation in respiratory syncytial virus chest infection in the tropics. <i>Pediatric Pulmonology</i> , 2002 , 34, 47-51	3.5	84
171	Sensitization to local dust-mite fauna in Singapore. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1999 , 54, 1150-9	9.3	83
170	Genome-wide association study of Parkinson's disease in East Asians. <i>Human Molecular Genetics</i> , 2017 , 26, 226-232	5.6	75
169	Mite component-specific IgE repertoire and phenotypes of allergic disease in childhood: the tropical perspective. <i>Pediatric Allergy and Immunology</i> , 2011 , 22, 202-10	4.2	72
168	The effect of ventilation strategies of child care centers on indoor air quality and respiratory health of children in Singapore. <i>Indoor Air</i> , 2007 , 17, 317-27	5.4	70
167	Production and proteomic characterization of pharmaceutical-grade <i>Dermatophagoides pteronyssinus</i> and <i>Dermatophagoides farinae</i> extracts for allergy vaccines. <i>International Archives of Allergy and Immunology</i> , 2006 , 140, 295-305	3.7	69
166	Bla g 6: a troponin C allergen from <i>Blattella germanica</i> with IgE binding calcium dependence. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 117, 1389-95	11.5	69
165	Self-assembled monolayer-based piezoelectric crystal immunosensor for the quantification of total human immunoglobulin E. <i>Analytical Biochemistry</i> , 1999 , 273, 66-72	3.1	69

164	Absolute quantification of gene expression in biomaterials research using real-time PCR. <i>Biomaterials</i> , 2007 , 28, 203-10	15.6	68
163	Pattern of food-induced anaphylaxis in children of an Asian community. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1999 , 54, 84-6	9.3	67
162	Immunological corollary of the pulmonary mycobiome in bronchiectasis: the CAMEB study. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	64
161	Patterns of IgE sensitization in house dust mite-allergic patients: implications for allergen immunotherapy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016 , 71, 220-9	9.3	62
160	Nuclear magnetic resonance structure-based epitope mapping and modulation of dust mite group 13 allergen as a hypoallergen. <i>Journal of Immunology</i> , 2006 , 176, 4852-60	5.3	60
159	Genome-wide association study for atopy and allergic rhinitis in a Singapore Chinese population. <i>PLoS ONE</i> , 2011 , 6, e19719	3.7	60
158	Systematic review of the epidemiology of acne vulgaris. <i>Scientific Reports</i> , 2020 , 10, 5754	4.9	59
157	Clinicopathological significance of calreticulin in breast invasive ductal carcinoma. <i>Modern Pathology</i> , 2010 , 23, 1559-66	9.8	58
156	House dust mite fauna of tropical Singapore. <i>Clinical and Experimental Allergy</i> , 1999 , 29, 201-6	4.1	58
155	Allergenic differences between the domestic mites <i>Blomia tropicalis</i> and <i>Dermatophagoides pteronyssinus</i> . <i>Clinical and Experimental Allergy</i> , 1999 , 29, 982-8	4.1	58
154	Elevation of human alpha-defensins and S100 calcium-binding proteins A8 and A9 in tear fluid of patients with pterygium 2009 , 50, 2077-86		57
153	Associations between home dampness and presence of molds with asthma and allergic symptoms among young children in the tropics. <i>Pediatric Allergy and Immunology</i> , 2007 , 18, 418-24	4.2	57
152	Viability and adipogenic potential of human adipose tissue processed cell population obtained from pump-assisted and syringe-assisted liposuction. <i>Journal of Dermatological Science</i> , 2005 , 37, 169-76	4.3	57
151	Immunochemical characterization of edible bird's nest allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2001 , 107, 1082-7	11.5	56
150	Design and Application of Piezoelectric Quartz Crystal-based Immunoassay.. <i>Analytical Sciences</i> , 2000 , 16, 107-114	1.7	55
149	Piezoelectric quartz crystal based label-free analysis for allergy disease. <i>Biosensors and Bioelectronics</i> , 2000 , 15, 629-39	11.8	55
148	Evaluation of the allergenicity of tropical pollen and airborne spores in Singapore. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2000 , 55, 340-7	9.3	54
147	Identification of prognostic protein biomarkers in childhood acute lymphoblastic leukemia (ALL). <i>Journal of Proteomics</i> , 2011 , 74, 843-57	3.9	53

146	TRANSPARENT TESTA GLABRA1 Regulates the Accumulation of Seed Storage Reserves in Arabidopsis. <i>Plant Physiology</i> , 2015 , 169, 391-402	6.6	50
145	International consensus (ICON) on: clinical consequences of mite hypersensitivity, a global problem. <i>World Allergy Organization Journal</i> , 2017 , 10, 14	5.2	50
144	Proteomic analysis of rabbit tear fluid: Defensin levels after an experimental corneal wound are correlated to wound closure. <i>Proteomics</i> , 2007 , 7, 3194-206	4.8	50
143	Epidemiology of allergic rhinitis and associated risk factors in Asia. <i>World Allergy Organization Journal</i> , 2018 , 11, 17	5.2	46
142	Association of ambient air-pollution levels with acute asthma exacerbation among children in Singapore. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1999 , 54, 320-9	9.3	45
141	Nuclear magnetic resonance structure and IgE epitopes of Blo t 5, a major dust mite allergen. <i>Journal of Immunology</i> , 2008 , 181, 2586-96	5.3	44
140	Genome-wide association study identifies three key loci for high mesocarp oil content in perennial crop oil palm. <i>Scientific Reports</i> , 2016 , 6, 19075	4.9	44
139	The economic cost of asthma in Singapore. <i>Australian and New Zealand Journal of Medicine</i> , 1999 , 29, 228-33		42
138	Sensitization to species is associated with frequent exacerbations in severe asthma. <i>Journal of Asthma and Allergy</i> , 2017 , 10, 131-140	3.1	39
137	Airborne fungi in low and high allergic prevalence child care centers. <i>Atmospheric Environment</i> , 2009 , 43, 2391-2400	5.3	39
136	Genetic susceptibility to asthma and atopy among Chinese in Singapore--linkage to markers on chromosome 5q31-33. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2001 , 56, 749-53	9.3	39
135	Structures of two major allergens, Bla g 4 and Per a 4, from cockroaches and their IgE binding epitopes. <i>Journal of Biological Chemistry</i> , 2009 , 284, 3148-3157	5.4	38
134	Identification and characterization of a novel allergen from Blomia tropicalis: Blo t 21. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 120, 105-12	11.5	38
133	Development and Validation of a High-Density SNP Genotyping Array for African Oil Palm. <i>Molecular Plant</i> , 2016 , 9, 1132-1141	14.4	36
132	Distinct "Immunoallertypes" of Disease and High Frequencies of Sensitization in Non-Cystic Fibrosis Bronchiectasis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 842-853	10.2	36
131	Prevalence and distribution of indoor allergens in Singapore. <i>Clinical and Experimental Allergy</i> , 1997 , 27, 876-885	4.1	35
130	BIM is a prognostic biomarker for early prednisolone response in pediatric acute lymphoblastic leukemia. <i>Experimental Hematology</i> , 2011 , 39, 321-9, 329.e1-3	3.1	34
129	Differential metabolite profiles during fruit development in high-yielding oil palm mesocarp. <i>PLoS ONE</i> , 2013 , 8, e61344	3.7	33

128	Home exposures to environmental tobacco smoke and allergic symptoms among young children in Singapore. <i>International Archives of Allergy and Immunology</i> , 2008 , 146, 57-65	3.7	33
127	Detection of two orchid viruses using quartz crystal microbalance-based DNA biosensors. <i>Phytopathology</i> , 2002 , 92, 654-8	3.8	32
126	Characterization of osteogenically induced adipose tissue-derived precursor cells in 2-dimensional and 3-dimensional environments. <i>Cells Tissues Organs</i> , 2006 , 182, 1-11	2.1	30
125	Edible "bird's nest"-induced anaphylaxis: An under-recognized entity?. <i>Journal of Pediatrics</i> , 2000 , 137, 277-9	3.6	30
124	Outdoor airborne fungal spores in Singapore. <i>Grana</i> , 1998 , 37, 246-252	0.8	30
123	Bla g 3: a novel allergen of German cockroach identified using cockroach-specific avian single-chain variable fragment antibody. <i>Annals of Allergy, Asthma and Immunology</i> , 2014 , 112, 140-145.e1	3.2	29
122	Toll-like receptor gene polymorphisms are associated with allergic rhinitis: a case control study. <i>BMC Medical Genetics</i> , 2012 , 13, 66	2.1	29
121	Home air-conditioning, traffic exposure, and asthma and allergic symptoms among preschool children. <i>Pediatric Allergy and Immunology</i> , 2011 , 22, e112-8	4.2	28
120	Genomic Selection in Commercial Perennial Crops: Applicability and Improvement in Oil Palm (<i>Elaeis guineensis</i> Jacq.). <i>Scientific Reports</i> , 2017 , 7, 2872	4.9	27
119	Singapore's haze and acute asthma in children. <i>Lancet, The</i> , 1995 , 346, 1427	4.0	27
118	Proteome analysis of gentisate-induced response in <i>Pseudomonas alcaligenes</i> NCIB 9867. <i>Proteomics</i> , 2004 , 4, 2028-36	4.8	26
117	Environmental fungal sensitisation associates with poorer clinical outcomes in COPD. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	25
116	Functional variants of 17q12-21 are associated with allergic asthma but not allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 758-66.e3	11.5	24
115	Proteomic analysis of the oil palm fruit mesocarp reveals elevated oxidative phosphorylation activity is critical for increased storage oil production. <i>Journal of Proteome Research</i> , 2013 , 12, 5096-109	5.6	24
114	Mite sensitization among Latina women in New York, where dust-mite allergen levels are typically low. <i>Indoor Air</i> , 2009 , 19, 193-7	5.4	24
113	NMR structure and IgE epitopes of Blo t 21, a major dust mite allergen from <i>Blomia tropicalis</i> . <i>Journal of Biological Chemistry</i> , 2012 , 287, 34776-85	5.4	24
112	Genetic analysis of an allergic rhinitis cohort reveals an intercellular epistasis between FAM134B and CD39. <i>BMC Medical Genetics</i> , 2014 , 15, 73	2.1	23
111	Investigating the effects of preinduction on human adipose-derived precursor cells in an athymic rat model. <i>Differentiation</i> , 2006 , 74, 519-29	3.5	23

110	Rationale and design of the multiethnic Pharmacogenomics in Childhood Asthma consortium. <i>Pharmacogenomics</i> , 2017 , 18, 931-943	2.6	22
109	The upper and lower airway responses to nasal challenge with house-dust mite <i>Blomia tropicalis</i> . <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2003 , 58, 78-82	9.3	22
108	Gestational age and neonatal brain microstructure in term born infants: a birth cohort study. <i>PLoS ONE</i> , 2014 , 9, e115229	3.7	21
107	Profiling of metabolites in oil palm mesocarp at different stages of oil biosynthesis. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 1920-7	5.7	21
106	Genetic variation in BDNF is associated with allergic asthma and allergic rhinitis in an ethnic Chinese population in Singapore. <i>Cytokine</i> , 2011 , 56, 218-23	4	21
105	Sequence tag catalogs of dust mite-expressed genomes: utility in allergen and acarologic studies. <i>Molecular Diagnosis and Therapy</i> , 2004 , 4, 357-69		21
104	Systematic characterization of basophil energy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017 , 72, 373-384	9.3	19
103	A functional brain-derived neurotrophic factor (BDNF) gene variant increases the risk of moderate-to-severe allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 1486-93.e8	11.5	19
102	Poor reproducibility of allergic rhinitis SNP associations. <i>PLoS ONE</i> , 2013 , 8, e53975	3.7	19
101	Risk factors for breakthrough varicella in healthy children. <i>Archives of Disease in Childhood</i> , 1998 , 79, 478-80	2.2	19
100	A high-risk airway mycobiome is associated with frequent exacerbation and mortality in COPD. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	19
99	Evaluating the transferability of Hapmap SNPs to a Singapore Chinese population. <i>BMC Genetics</i> , 2010 , 11, 36	2.6	18
98	Crystal structure of Der f 7, a dust mite allergen from <i>Dermatophagoides farinae</i> . <i>PLoS ONE</i> , 2012 , 7, e44850	3.7	18
97	Conformational IgE Epitope Mapping of Der p 2 and the Evaluations of Two Candidate Hypoallergens for Immunotherapy. <i>Scientific Reports</i> , 2018 , 8, 3391	4.9	17
96	ATF5, a possible regulator of osteogenic differentiation in human adipose-derived stem cells. <i>Journal of Cellular Biochemistry</i> , 2012 , 113, 2744-53	4.7	17
95	Motif-directed network component analysis for regulatory network inference. <i>BMC Bioinformatics</i> , 2008 , 9 Suppl 1, S21	3.6	17
94	Investigating highly replicated asthma genes as candidate genes for allergic rhinitis. <i>BMC Medical Genetics</i> , 2013 , 14, 51	2.1	16
93	Differential gene expression at different stages of mesocarp development in high- and low-yielding oil palm. <i>BMC Genomics</i> , 2017 , 18, 470	4.5	16

92	Genome-wide association study identifies PERLD1 as asthma candidate gene. <i>BMC Medical Genetics</i> , 2011 , 12, 170	2.1	16
91	Determinants of indoor allergens in tropical child care centers. <i>Pediatric Allergy and Immunology</i> , 2008 , 19, 746-55	4.2	16
90	A functional SNP associated with atopic dermatitis controls cell type-specific methylation of the VSTM1 gene locus. <i>Genome Medicine</i> , 2017 , 9, 18	14.4	15
89	17q21 variant increases the risk of exacerbations in asthmatic children despite inhaled corticosteroids use. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 2083-2088	9.3	14
88	Interleukin-13 genetic variants, household carpet use and childhood asthma. <i>PLoS ONE</i> , 2013 , 8, e51970	3.7	14
87	A luminance- and contrast-invariant edge-similarity measure. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2006 , 28, 2042-8	13.3	13
86	Asthma and TNF variants in Chinese and Malays. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1999 , 54, 402-3	9.3	13
85	A systematic review and meta-analysis of risk factors associated with atopic dermatitis in Asia. <i>World Allergy Organization Journal</i> , 2020 , 13, 100477	5.2	13
84	Atopic dermatitis microbiomes stratify into ecologic dermatotypes enabling microbial virulence and disease severity. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 1329-1340	11.5	13
83	The major cockroach allergen Bla g 4 binds tyramine and octopamine. <i>Molecular Immunology</i> , 2014 , 60, 86-94	4.3	12
82	Replication of genome-wide association study loci for allergic rhinitis and house dust mite sensitization in an Asian population of ethnic Chinese in Singapore. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 131, 1431-3.e8	11.5	12
81	Differential abundance analysis of mesocarp protein from high- and low-yielding oil palms associates non-oil biosynthetic enzymes to lipid biosynthesis. <i>Proteome Science</i> , 2015 , 13, 28	2.6	12
80	Prevalence and distribution of indoor allergens in Singapore. <i>Clinical and Experimental Allergy</i> , 1997 , 27, 876-85	4.1	12
79	Evaluation of methods and marker Systems in Genomic Selection of oil palm (<i>Elaeis guineensis</i> Jacq.). <i>BMC Genetics</i> , 2017 , 18, 107	2.6	11
78	Expression Comparison of Oil Biosynthesis Genes in Oil Palm Mesocarp Tissue Using Custom Array. <i>Microarrays (Basel, Switzerland)</i> , 2014 , 3, 263-81		11
77	Allergen Atlas: a comprehensive knowledge center and analysis resource for allergen information. <i>Bioinformatics</i> , 2009 , 25, 979-80	7.2	11
76	Time trends and seasonal variation in acute childhood asthma in tropical Singapore. <i>Respiratory Medicine</i> , 1998 , 92, 345-50	4.6	11
75	The major allergen Der p 2 is a cholesterol binding protein. <i>Scientific Reports</i> , 2019 , 9, 1556	4.9	10

74	Severe acute respiratory syndrome coronavirus and viral mimicry. <i>Lancet, The</i> , 2003 , 361, 2081	4.0	10
73	Prevalence and distribution of indoor allergens in Singapore. <i>Clinical and Experimental Allergy</i> , 1997 , 27, 876-885	4.1	10
72	Variation in Uteroglobin-Related Protein 1 (UGRP1) gene is associated with allergic rhinitis in Singapore Chinese. <i>BMC Medical Genetics</i> , 2011 , 12, 39	2.1	9
71	Metabolomic profiles of tropical <i>Chlorella</i> and <i>Parachlorella</i> species in response to physiological changes during exponential and stationary growth phase. <i>Algal Research</i> , 2018 , 35, 61-75	5	8
70	Association of interleukin-13 SNP rs20541 (Arg>Gln) to allergic rhinitis in an Asian population of ethnic Chinese in Singapore. <i>Gene</i> , 2013 , 529, 357-8	3.8	8
69	Linkage disequilibrium pattern in asthma candidate genes from 5q31-q33 in the Singapore Chinese population. <i>Annals of Human Genetics</i> , 2010 , 74, 137-45	2.2	8
68	Validation of pooled genotyping on the Affymetrix 500 k and SNP6.0 genotyping platforms using the polynomial-based probe-specific correction. <i>BMC Genetics</i> , 2009 , 10, 82	2.6	8
67	Under-recognition of childhood asthma in Singapore: evidence from a questionnaire survey. <i>Annals of Tropical Paediatrics</i> , 1999 , 19, 83-91		8
66	Crystal structure and epitope analysis of house dust mite allergen Der f 21. <i>Scientific Reports</i> , 2019 , 9, 4933	4.9	7
65	Structural basis for the bacterial membrane insertion of dermcidin peptide, DCD-1L. <i>Scientific Reports</i> , 2017 , 7, 13923	4.9	6
64	A practical genome-enabled legitimacy assay for oil palm breeding and seed production. <i>BMC Plant Biology</i> , 2019 , 19, 470	5.3	6
63	Downregulation of ER60 protease inhibits cellular proliferation by inducing G1/S arrest in breast cancer cells in vitro. <i>Anatomical Record</i> , 2012 , 295, 410-6	2.1	6
62	Identification and characterization of microsatellite loci in <i>Intsia palembanica</i> (Leguminosae), a valuable tropical timber species. <i>Molecular Ecology Resources</i> , 2009 , 9, 360-4	8.4	6
61	Month of birth and childhood atopic diseases in the tropics. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1998 , 53, 962-8	9.3	6
60	Mites in Jakarta homes. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1998 , 53, 1226-7	9.3	6
59	Multiplexed genotyping of ABC transporter polymorphisms with the Bioplex suspension array. <i>Biological Procedures Online</i> , 2007 , 9, 27-42	8.3	6
58	Proteomics technology and therapeutics. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006 , 33, 563-8	3	6
57	Effects of an acaricide on mite allergen levels in the homes of asthmatic children. <i>Pediatrics International</i> , 1996 , 38, 483-8	1.2	6

56	Pharmacogenomic associations of adverse drug reactions in asthma: systematic review and research prioritisation. <i>Pharmacogenomics Journal</i> , 2020 , 20, 621-628	3.5	5
55	Characterizing haploinsufficiency of SHELL gene to improve fruit form prediction in introgressive hybrids of oil palm. <i>Scientific Reports</i> , 2017 , 7, 3118	4.9	5
54	Invariant texture classification for biomedical cell specimens via non-linear polar map filtering. <i>Computer Vision and Image Understanding</i> , 2010 , 114, 44-53	4.3	5
53	The value of position-specific scoring matrices for assessment of protein allergenicity. <i>BMC Bioinformatics</i> , 2008 , 9 Suppl 12, S21	3.6	5
52	Laboratory assessment of the efficiency of encasing materials against house dust mites and their allergens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2003 , 58, 981-5	9.3	5
51	Purification and characterization of 31-kDa palm pollen glycoprotein (Ela g Bd 31 K), which is recognized by IgE from palm pollinosis patients. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002 , 66, 820-7	2.1	5
50	Interleukin-4 receptor variant Q576R: ethnic differences and association with atopy. <i>Clinical Genetics</i> , 1999 , 56, 333-4	4	5
49	Genome-wide association study of asthma exacerbations despite inhaled corticosteroid use. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	5
48	Epistasis between phenylethanolamine N-methyltransferase and α -adrenergic receptor influences extracellular epinephrine level and associates with the susceptibility to allergic asthma. <i>Clinical and Experimental Allergy</i> , 2020 , 50, 352-363	4.1	5
47	Genome-wide association studies of exacerbations in children using long-acting beta2-agonists. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 1197-1207	4.2	5
46	Gene variants associated with acne vulgaris presentation and severity: a systematic review and meta-analysis. <i>BMC Medical Genomics</i> , 2021 , 14, 103	3.7	5
45	Allergens and their associated small molecule ligands-their dual role in sensitization. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 2367-2382	9.3	5
44	Prevalence of asthma and comorbid allergy symptoms in Singaporean preschoolers. <i>Asian Pacific Journal of Allergy and Immunology</i> , 2006 , 24, 175-82	5.4	5
43	Diurnal biomarkers reveal key photosynthetic genes associated with increased oil palm yield. <i>PLoS ONE</i> , 2019 , 14, e0213591	3.7	4
42	Fern spore and pollen airspora profile of Singapore. <i>Aerobiologia</i> , 2012 , 28, 135-151	2.4	4
41	Collembola are unlikely to cause human dermatitis. <i>Journal of Insect Science</i> , 2009 , 9, 3	2	4
40	Geographical comparison of the prevalence of childhood asthma and allergies in Singapore. <i>Annals of Tropical Paediatrics</i> , 1999 , 19, 383-90		4
39	Survival of childhood leukemia in Singapore. <i>Medical and Pediatric Oncology</i> , 1996 , 26, 318-24		4

38	Defining skin aging and its risk factors: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2021 , 11, 22075	4.9	4
37	Modifiable and non-modifiable epidemiological risk factors for acne, acne severity and acne scarring among Malaysian Chinese: a cross-sectional study. <i>BMC Public Health</i> , 2021 , 21, 601	4.1	4
36	Epidemiological Risk Factors Associated with Acne Vulgaris Presentation, Severity, and Scarring in a Singapore Chinese Population: A Cross-Sectional Study. <i>Dermatology</i> , 2021 , 1-10	4.4	4
35	Exonic mutations associated with atopic dermatitis disrupt lympho-epithelial Kazal-type related inhibitor action and enhance its degradation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 403-411	9.3	4
34	Blot 2: Group 2 allergen from the dust mite <i>Blomia tropicalis</i> . <i>Scientific Reports</i> , 2019 , 9, 12239	4.9	3
33	Homologous Lympho-Epithelial Kazal-type Inhibitor Domains Delay Blood Coagulation by Inhibiting Factor X and XI with Differential Specificity. <i>Structure</i> , 2018 , 26, 1178-1186.e3	5.2	3
32	Cloning, expression, purification, characterization, crystallization and X-ray crystallographic analysis of recombinant Der f 21 (rDer f 21) from <i>Dermatophagoides farinae</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015 , 71, 1396-400	1.1	3
31	Genetic variants of inducible costimulator are associated with allergic asthma susceptibility. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 556-8	11.5	3
30	Segmentation of microscope cell images via adaptive eigenfilters		3
29	Characterization of Der f 22 - a paralogue of the major allergen Der f 2. <i>Scientific Reports</i> , 2018 , 8, 11743	4.9	3
28	Female spider aggression is associated with genetic underpinnings of the nervous system and immune response to pathogens. <i>Molecular Ecology</i> , 2020 , 29, 2626-2638	5.7	2
27	Home and day-care microenvironment exposure to <i>Blomia tropicalis</i> allergens and their associations with salivary eosinophilic cationic protein (ECP) among preschool children in Singapore. <i>Indoor Air</i> , 2019 , 29, 727-734	5.4	2
26	Key glycolytic branch influences mesocarp oil content in oil palm. <i>Scientific Reports</i> , 2017 , 7, 9626	4.9	2
25	Molecular cloning and characterization of group 1 and 2 allergens from dust mite, <i>Blomia tropicalis</i> . <i>Journal of Allergy and Clinical Immunology</i> , 2002 , 109, S162-S163	11.5	2
24	IL-4Ralpha gene Ile50Val polymorphism. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1999 , 54, 1005-7	9.3	2
23	Resurgence of measles in Singapore: profile of hospital cases. <i>Journal of Paediatrics and Child Health</i> , 1999 , 35, 493-6	1.3	2
22	A high-risk airway mycobiome characterises frequent COPD exacerbators 2020 ,		2
21	Reconstructing the Repertoire of Mite Allergens by Recombinant DNA Technology 2010 , 49-64		2

20	IgE-binding residues analysis of the house dust mite allergen Der p 23. <i>Scientific Reports</i> , 2021 , 11, 921	4.9	2
19	High Frequency of Allergic Bronchopulmonary Aspergillosis in Bronchiectasis-COPD Overlap. <i>Chest</i> , 2021 ,	5.3	2
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