

Ming-Han Tsai

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

1,420
citations

331670

21
h-index

377865

34
g-index

75
all docs

75
docs citations

75
times ranked

2457
citing authors

#	ARTICLE	IF	CITATIONS
1	Rise of community-onset urinary tract infection caused by extended-spectrum β -lactamase-producing <i>Escherichia coli</i> in children. <i>Journal of Microbiology, Immunology and Infection</i> , 2014, 47, 399-405.	3.1	110
2	Gut microbial α -derived butyrate is inversely associated with IgE responses to allergens in childhood asthma. <i>Pediatric Allergy and Immunology</i> , 2019, 30, 689-697.	2.6	89
3	Maternal vitamin D levels are inversely related to allergic sensitization and atopic diseases in early childhood. <i>Pediatric Allergy and Immunology</i> , 2015, 26, 337-343.	2.6	81
4	Gut microbial dysbiosis is associated with allergen-specific IgE responses in young children with airway allergies. <i>World Allergy Organization Journal</i> , 2019, 12, 100021.	3.5	77
5	Metabolomics Reveals Dynamic Metabolic Changes Associated with Age in Early Childhood. <i>PLoS ONE</i> , 2016, 11, e0149823.	2.5	55
6	Sensitization to Food and Inhalant Allergens in Relation to Atopic Diseases in Early Childhood: A Birth Cohort Study. <i>PLoS ONE</i> , 2014, 9, e102809.	2.5	53
7	Impact of bacterial and viral coinfection on mycoplasmal pneumonia in childhood community-acquired pneumonia. <i>Journal of Microbiology, Immunology and Infection</i> , 2015, 48, 51-56.	3.1	48
8	Suboptimal Vitamin D Status in a Population-Based Study of Asian Children: Prevalence and Relation to Allergic Diseases and Atopy. <i>PLoS ONE</i> , 2014, 9, e99105.	2.5	45
9	Exclusive breastfeeding is associated with reduced cow's milk sensitization in early childhood. <i>Pediatric Allergy and Immunology</i> , 2014, 25, 456-461.	2.6	41
10	Longitudinal urinary metabolomic profiling reveals metabolites for asthma development in early childhood. <i>Pediatric Allergy and Immunology</i> , 2018, 29, 496-503.	2.6	39
11	Nontyphoidal <i>Salmonella</i> Bacteremia in Previously Healthy Children: Analysis of 199 Episodes. <i>Pediatric Infectious Disease Journal</i> , 2007, 26, 909-913.	2.0	38
12	Obesity disproportionately impacts lung volumes, airflow and exhaled nitric oxide in children. <i>PLoS ONE</i> , 2017, 12, e0174691.	2.5	38
13	Exclusive or Partial Breastfeeding for 6 Months Is Associated With Reduced Milk Sensitization and Risk of Eczema in Early Childhood. <i>Medicine (United States)</i> , 2016, 95, e3391.	1.0	36
14	Prenatal exposure to bisphenol-A is associated with Toll-like receptor α -induced cytokine suppression in neonates. <i>Pediatric Research</i> , 2016, 79, 438-444.	2.3	31
15	Metabolomic Analysis Reveals Distinct Profiles in the Plasma and Urine Associated with IgE Reactions in Childhood Asthma. <i>Journal of Clinical Medicine</i> , 2020, 9, 887.	2.4	30
16	Serum 25-Hydroxyvitamin D Levels in Relation to Lung Function and Exhaled Nitric Oxide in Children. <i>Journal of Pediatrics</i> , 2014, 165, 1098-1103.e1.	1.8	28
17	Metabolomic Profiling of Infectious Parapneumonic Effusions Reveals Biomarkers for Guiding Management of Children with <i>Streptococcus pneumoniae</i> Pneumonia. <i>Scientific Reports</i> , 2016, 6, 24930.	3.3	28
18	Characterization of <i>Salmonella</i> resistance to bile during biofilm formation. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 518-524.	3.1	27

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19	Reference equations for spirometry in healthy Asian children aged 5 to 18 years in Taiwan. <i>World Allergy Organization Journal</i> , 2019, 12, 100074.	3.5	26
20	Pathogenic Bacterial Nasopharyngeal Colonization and Its Impact on Respiratory Diseases in the First Year of Life. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 652-658.	2.0	25
21	Caesarean Section is associated with reduced perinatal cytokine response, increased risk of bacterial colonization in the airway, and infantile wheezing. <i>Scientific Reports</i> , 2017, 7, 9053.	3.3	24
22	Low cord-serum 25-hydroxyvitamin D levels are associated with poor lung function performance and increased respiratory infection in infancy. <i>PLoS ONE</i> , 2017, 12, e0173268.	2.5	23
23	Analysis of clinical parameters and echocardiography as predictors of fatal pediatric myocarditis. <i>PLoS ONE</i> , 2019, 14, e0214087.	2.5	22
24	Cross-talk between airway and gut microbiome links to IgE responses to house dust mites in childhood airway allergies. <i>Scientific Reports</i> , 2020, 10, 13449.	3.3	22
25	Urinary LTE4 Levels as a Diagnostic Marker for IgE-Mediated Asthma in Preschool Children: A Birth Cohort Study. <i>PLoS ONE</i> , 2014, 9, e115216.	2.5	18
26	Reference Value of Impulse Oscillometry in Taiwanese Preschool Children. <i>Pediatrics and Neonatology</i> , 2015, 56, 165-170.	0.9	17
27	Epstein-Barr virus-associated infectious mononucleosis and risk factor analysis for complications in hospitalized children. <i>Journal of Microbiology, Immunology and Infection</i> , 2005, 38, 255-61.	3.1	17
28	Alternation of plasma fatty acids composition and desaturase activities in children with liver steatosis. <i>PLoS ONE</i> , 2017, 12, e0182277.	2.5	16
29	Integrated metabolic and microbial analysis reveals host-microbial interactions in IgE-mediated childhood asthma. <i>Scientific Reports</i> , 2021, 11, 23407.	3.3	16
30	Strangulated small bowel obstruction in children. <i>Journal of Pediatric Surgery</i> , 2017, 52, 1313-1317.	1.6	15
31	Association of maternal allergy with human milk soluble CD14 and fatty acids, and early childhood atopic dermatitis. <i>Pediatric Allergy and Immunology</i> , 2019, 30, 204-213.	2.6	15
32	Longitudinal analysis of total serum IgE levels with allergen sensitization and atopic diseases in early childhood. <i>Scientific Reports</i> , 2020, 10, 21278.	3.3	14
33	Development of tuberculoma during therapy presenting as hemianopsia. <i>Pediatric Neurology</i> , 2004, 31, 360-363.	2.1	13
34	Carbapenem-resistant-only <i>Pseudomonas aeruginosa</i> infection in patients formerly infected by carbapenem-susceptible strains. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 541-545.	2.5	13
35	Maternal Vitamin D Level Is Associated with Viral Toll-Like Receptor Triggered IL-10 Response but Not the Risk of Infectious Diseases in Infancy. <i>Mediators of Inflammation</i> , 2016, 2016, 1-8.	3.0	12
36	Comparative proteomic studies of plasma from children with pneumococcal pneumonia. <i>Scandinavian Journal of Infectious Diseases</i> , 2009, 41, 416-424.	1.5	11

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37	Exposure to tobacco smoke and childhood rhinitis: a population-based study. <i>Scientific Reports</i> , 2017, 7, 42836.	3.3	11
38	Introduction of various allergenic foods during infancy reduces risk of IgE sensitization at 12 months of age: a birth cohort study. <i>Pediatric Research</i> , 2017, 82, 733-740.	2.3	11
39	Recognition of mechanisms involved in bile resistance important to halting antimicrobial resistance in nontyphoidal <i>Salmonella</i> . <i>International Journal of Antimicrobial Agents</i> , 2012, 40, 151-157.	2.5	10
40	Whole-Genome Sequencing of a Family with Hereditary Pulmonary Alveolar Proteinosis Identifies a Rare Structural Variant Involving CSF2RA/CRLF2/IL3RA Gene Disruption. <i>Scientific Reports</i> , 2017, 7, 43469.	3.3	10
41	Pneumococcal Meningitis in Taiwanese Children: Emphasis on Clinical Outcomes and Prognostic Factors. <i>Journal of Tropical Pediatrics</i> , 2008, 54, 390-394.	1.5	9
42	Respiratory Function in Healthy Taiwanese Infants: Tidal Breathing Analysis, Passive Mechanics, and Tidal Forced Expiration. <i>PLoS ONE</i> , 2015, 10, e0142797.	2.5	9
43	Oxidative stress is associated with atopic indices in relation to childhood rhinitis and asthma. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 466-473.	3.1	9
44	High cord blood CCL22/CXCL10 chemokine ratios precede allergic sensitization in early childhood. <i>Oncotarget</i> , 2017, 8, 7384-7390.	1.8	9
45	Extrapontine myelinolysis in a patient with systemic lupus erythematosus: a case report. <i>Journal of the Formosan Medical Association</i> , 2002, 101, 505-8.	1.7	9
46	Role of Maternal Allergy on Immune Markers in Colostrum and Secretory Immunoglobulin A in Stools of Breastfed Infants. <i>Journal of Human Lactation</i> , 2016, 32, 160-167.	1.6	8
47	Infant anemia is associated with reduced TLR-stimulated cytokine responses and increased nasopharyngeal colonization with <i>Moxarella catarrhalis</i> . <i>Scientific Reports</i> , 2018, 8, 4897.	3.3	8
48	Impact of pneumococcal conjugate vaccine in children on the serotypic epidemiology of adult invasive pneumococcal diseases in Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2018, 51, 332-336.	3.1	8
49	Early-onset eczema is associated with increased milk sensitization and risk of rhinitis and asthma in early childhood. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 1008-1013.	3.1	8
50	Evolution and Determinants of Lung Function until Late Infancy among Infants Born Preterm. <i>Scientific Reports</i> , 2020, 10, 490.	3.3	8
51	Asymptomatic toddlers with house dust mite sensitization at risk of asthma and abnormal lung functions at age 7 years. <i>World Allergy Organization Journal</i> , 2019, 12, 100056.	3.5	7
52	Prenatal exposure to bisphenol - A is associated with dysregulated perinatal innate cytokine response and elevated cord IgE level: A population-based birth cohort study. <i>Environmental Research</i> , 2020, 191, 110123.	7.5	7
53	Longitudinal investigation of nasopharyngeal pneumococcal carriage in early childhood: The PATCH birth cohort study. <i>PLoS ONE</i> , 2020, 15, e0237871.	2.5	7
54	The antimicrobial susceptibility in adult invasive pneumococcal disease in the era of pneumococcus vaccination: A hospital-based observational study in Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 836-844.	3.1	7

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55	Faecal eosinophil cationic protein and serum immunoglobulin E in relation to infant feeding practices. <i>Annals of Clinical Biochemistry</i> , 2017, 54, 246-252.	1.6	6
56	Metabolomics Reveals Anaerobic Bacterial Fermentation and Hypoxanthine Accumulation for Fibrinous Pleural Effusions in Children with Pneumonia. <i>Journal of Proteome Research</i> , 2019, 18, 1248-1254.	3.7	6
57	Raised-Volume Forced Expiratory Flow-Volume Curve in Healthy Taiwanese Infants. <i>Scientific Reports</i> , 2017, 7, 6314.	3.3	5
58	Nasopharyngeal microbial profiles associated with the risk of airway allergies in early childhood. <i>Journal of Microbiology, Immunology and Infection</i> , 2022, 55, 777-785.	3.1	5
59	Trajectory of vitamin D, micronutrient status and childhood growth in exclusively breastfed children. <i>Scientific Reports</i> , 2019, 9, 19070.	3.3	4
60	Longitudinal changes in body mass index Z-scores during infancy and risk of childhood allergies. <i>Journal of Microbiology, Immunology and Infection</i> , 2022, 55, 956-964.	3.1	4
61	Palmitoleic and Dihomo- γ -Linolenic Acids Are Positively Associated With Abdominal Obesity and Increased Metabolic Risk in Children. <i>Frontiers in Pediatrics</i> , 2021, 9, 628496.	1.9	3
62	<i>Bacillus cereus</i> bacteremia in a preterm infant caused by consumption of contaminated breastmilk. <i>Pediatrics and Neonatology</i> , 2021, 62, 337-338.	0.9	3
63	Levels of 15- HETE and TXB_2 in exhaled breath condensates as markers for diagnosis of childhood asthma and its therapeutic outcome. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 1673-1680.	2.6	3
64	Characteristics and Risk Factors for Ischemic Ovary Torsion in Children. <i>Children</i> , 2022, 9, 206.	1.5	3
65	Seroprevalence of SARS Coronavirus Among Residents Near a Hospital with a Nosocomial Outbreak. <i>Journal of the Formosan Medical Association</i> , 2008, 107, 885-891.	1.7	2
66	C-reactive Protein may Predict the Recurrence of Appendicitis in Children Formerly with Appendiceal Mass after Successful Non-operative Treatment. <i>Pediatrics and Neonatology</i> , 2017, 58, 350-354.	0.9	2
67	Genetic loci determining total immunoglobulin E levels from birth through adulthood. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 621-625.	5.7	2
68	Community-Associated Methicillin-Resistant <i>Staphylococcus Aureus</i> Colonization in a Birth Cohort of Early Childhood: The Role of Maternal Carriage. <i>Frontiers in Medicine</i> , 2021, 8, 738724.	2.6	2
69	Metabolomics analysis reveals molecular linkages for the impact of vitamin D on childhood allergic airway diseases. <i>Pediatric Allergy and Immunology</i> , 2022, 33, .	2.6	2
70	Acute neutropenia in young children with immunocompetency: Is it a sign of benign viral infection or a risk of severe bacterial infection?. <i>Pediatrics and Neonatology</i> , 2021, 62, 1-2.	0.9	0
71	Distinct lung function and bronchodilator responses between term and preterm young children with recurrent wheezing. <i>Pediatrics and Neonatology</i> , 2021, 62, 394-399.	0.9	0
72	Longitudinal Metabolomic Analysis Reveals Gut Microbial-Derived Metabolites Related to Formula Feeding and Milk Sensitization Development in Infancy. <i>Metabolites</i> , 2022, 12, 127.	2.9	0

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73	Congenital esophageal duplication cyst: report of two cases. Acta Paediatrica Taiwanica = Taiwan Er Ke Yi Xue Hui Za Zhi, 2003, 44, 307-9.	0.1	0