

Wei-Chiao Chang

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

2,012
citations

304368

22
h-index

344852

36
g-index

121
all docs

121
docs citations

121
times ranked

3676
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of osteoporosis medications on bone fracture in patients with chronic kidney disease. Postgraduate Medical Journal, 2023, 99, 340-349.	0.9	1
2	Efficacy and safety of Duhuo Jisheng Decoction add-on bisphosphonate medications in patients with osteoporosis: A meta-analysis of randomized controlled trials. Journal of Ethnopharmacology, 2022, 283, 114732.	2.0	3
3	Aspirin and Sulindac act via different mechanisms to inhibit store-operated calcium channel: Implications for colorectal cancer metastasis. Biomedicine and Pharmacotherapy, 2022, 145, 112476.	2.5	5
4	Genome-wide association study identifies genetic risk loci for adiposity in a Taiwanese population. PLoS Genetics, 2022, 18, e1009952.	1.5	6
5	Identification of Druggable Genes for Asthma by Integrated Genomic Network Analysis. Biomedicines, 2022, 10, 113.	1.4	15
6	Application of Whole Exome Sequencing and Functional Annotations to Identify Genetic Variants Associated with Marfan Syndrome. Journal of Personalized Medicine, 2022, 12, 198.	1.1	2
7	Dynamic Changes of Platelet and Factors Related Dengue Haemorrhagic Fever: A Retrospective Study in Indonesian. Diagnostics, 2022, 12, 950.	1.3	1
8	Functional correlations between CXCL10/IP10 gene polymorphisms and risk of Kawasaki disease. Pediatric Allergy and Immunology, 2021, 32, 363-370.	1.1	5
9	Increased short- and long-term risk of sleep disorders in people with traumatic brain injury. Neuropsychological Rehabilitation, 2021, 31, 211-230.	1.0	3
10	Single-cell melanoma transcriptomes depicting functional versatility and clinical implications of STIM1 in the tumor microenvironment. Theranostics, 2021, 11, 5092-5106.	4.6	2
11	Endosomal TLR3 co-receptor CLEC18A enhances host immune response to viral infection. Communications Biology, 2021, 4, 229.	2.0	6
12	Transcriptome network analyses in human coronavirus infections suggest a rational use of immunomodulatory drugs for COVID-19 therapy. Genomics, 2021, 113, 564-575.	1.3	12
13	The role of genetic polymorphisms in STIM1 and ORAI1 for erythropoietin resistance in patients with renal failure. Medicine (United States), 2021, 100, e25243.	0.4	3
14	Profiling of T Cell Repertoire in SARS-CoV-2-Infected COVID-19 Patients Between Mild Disease and Pneumonia. Journal of Clinical Immunology, 2021, 41, 1131-1145.	2.0	31
15	Diversity in immunogenomics: the value and the challenge. Nature Methods, 2021, 18, 588-591.	9.0	40
16	Lung Cancer On Chip for Testing Immunotherapy. , 2021, , .		2
17	SIGLEC-3 (CD33) serves as an immune checkpoint receptor for HBV infection. Journal of Clinical Investigation, 2021, 131, .	3.9	23
18	Efficacy and Safety of Mineralocorticoid Receptor Antagonists in Kidney Failure Patients Treated with Dialysis: A Systematic Review and Meta-Analysis. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 916-925.	2.2	10

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19	The Effectiveness and Safety of Immune Checkpoint Inhibitors in Non-Small Cell Lung Cancer Patients With Stage III/IV: A Multicenter Study. <i>Frontiers in Oncology</i> , 2021, 11, 671127.	1.3	2
20	Clinical Mass Spectrometry Discovered Human IgG Sialylation as a Potential Biosignature for Kidney Function. <i>Journal of Personalized Medicine</i> , 2021, 11, 761.	1.1	4
21	Genetic Association of the Functional WDR4 Gene in Male Fertility. <i>Journal of Personalized Medicine</i> , 2021, 11, 760.	1.1	4
22	Investigation of dual antiplatelet therapy after coronary stenting in patients with chronic kidney disease. <i>PLoS ONE</i> , 2021, 16, e0255645.	1.1	3
23	Long Noncoding RNA NTT Context-Dependently Regulates MYB by Interacting With Activated Complex in Hepatocellular Carcinoma Cells. <i>Frontiers in Oncology</i> , 2021, 11, 592045.	1.3	2
24	Modeling-Based Estimate of the Vaccination Rate, Lockdown Rules and COVID-19. <i>Healthcare (Switzerland)</i> , 2021, 9, 1245.	1.0	4
25	Drug Repurposing for Atopic Dermatitis by Integration of Gene Networking and Genomic Information. <i>Frontiers in Immunology</i> , 2021, 12, 724277.	2.2	18
26	Vitamin B Mitigates Thoracic Aortic Dilation in Marfan Syndrome Mice by Restoring the Canonical TGF- β 2 Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11737.	1.8	9
27	Genotypic Diversity of Ciprofloxacin Nonsusceptibility and Its Relationship with Minimum Inhibitory Concentrations in Nontyphoidal Salmonella Clinical Isolates in Taiwan. <i>Antibiotics</i> , 2021, 10, 1383.	1.5	5
28	Cancers in Taiwan: Practical insight from epidemiology, treatments, biomarkers, and cost. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 1731-1741.	0.8	60
29	HSPB1 rs2070804 polymorphism is associated with the depth of primary tumor. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 63-69.	1.2	10
30	Quantitative determination of human IgA subclasses and their Fc α glycosylation patterns in plasma by using a peptide analogue internal standard and ultra-high performance liquid chromatography/triple quadrupole mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8606.	0.7	4
31	Integration of genetic variants and gene network for drug repurposing in colorectal cancer. <i>Pharmacological Research</i> , 2020, 161, 105203.	3.1	26
32	Association of UBE3C Variants with Reduced Kidney Function in Patients with Diabetic Kidney Disease. <i>Journal of Personalized Medicine</i> , 2020, 10, 210.	1.1	3
33	Evaluation for the Genetic Association between Store-Operated Calcium Influx Pathway (STIM1 and) Tj ETQq1 1 0.784314 rgBT /Over 2020, 9, 388.	1.3	1
34	Editorial: Big Data, Pharmacogenomics and Real-World Research in Pharmacology. <i>Frontiers in Pharmacology</i> , 2020, 11, 1239.	1.6	3
35	Using T α cell repertoire profiles as predictor in a primary mucosal melanoma. <i>Clinical and Translational Medicine</i> , 2020, 10, e136.	1.7	3
36	Gender Differences in Genetic Associations of RAB38 with Urinary Protein-to-Creatinine Ratio (UPCR) Levels in Diabetic Nephropathy Patients. <i>Journal of Personalized Medicine</i> , 2020, 10, 184.	1.1	1

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37	Pharmacogenomics Study for Raloxifene in Postmenopausal Female with Osteoporosis. <i>Disease Markers</i> , 2020, 2020, 1-8.	0.6	8
38	Germline Genetic Association between Stromal Interaction Molecule 1 (STIM1) and Clinical Outcomes in Breast Cancer Patients. <i>Journal of Personalized Medicine</i> , 2020, 10, 287.	1.1	2
39	MiR-22 as a metabolic silencer and liver tumor suppressor. <i>Liver Research</i> , 2020, 4, 74-80.	0.5	14
40	Prognostic Effect of Comorbid Disease and Immune Gene Expression on Mortality in Kidney Cancer—A Population Based Study. <i>Cancers</i> , 2020, 12, 1654.	1.7	3
41	Genetic variants that influence SARS-CoV-2 receptor TMPRSS2 expression among population cohorts from multiple continents. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 263-269.	1.0	51
42	Polygenic Risk Score of Adolescent Idiopathic Scoliosis for Potential Clinical Use. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1481-1491.	3.1	5
43	CLEC5A: A Promiscuous Pattern Recognition Receptor to Microbes and Beyond. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1204, 57-73.	0.8	20
44	Characterization of T-Cell Receptor Repertoire in Patients with Rheumatoid Arthritis Receiving Biologic Therapies. <i>Disease Markers</i> , 2019, 2019, 1-12.	0.6	26
45	Phthalate plasticizer di(2-ethylhexyl) phthalate induces cyclooxygenase-2 expression in gastric adenocarcinoma cells. <i>Environmental Toxicology</i> , 2019, 34, 1191-1198.	2.1	13
46	Effects and Safety of an Oral Adsorbent on Chronic Kidney Disease Progression: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2019, 8, 1718.	1.0	23
47	Genomic interrogation of familial short stature contributes to the discovery of the pathophysiological mechanisms and pharmaceutical drug repositioning. <i>Journal of Biomedical Science</i> , 2019, 26, 91.	2.6	2
48	Association of endothelin genetic variants and hospitalized infection complications in end-stage renal disease (ESRD) patients. <i>BMC Nephrology</i> , 2019, 20, 203.	0.8	0
49	Functional Effects of let-7g Expression in Colon Cancer Metastasis. <i>Cancers</i> , 2019, 11, 489.	1.7	9
50	Meta-Analysis of Genome-Wide Association Studies Identifies Three Loci Associated With Stiffness Index of the Calcaneus. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1275-1283.	3.1	8
51	The functional roles of IGF-1 variants in the susceptibility and clinical outcomes of mild traumatic brain injury. <i>Journal of Biomedical Science</i> , 2019, 26, 94.	2.6	10
52	The rs1256328 (ALPL) and rs12654812 (RGS14) Polymorphisms are Associated with Susceptibility to Calcium Nephrolithiasis in a Taiwanese population. <i>Scientific Reports</i> , 2019, 9, 17296.	1.6	14
53	Development and clinical applications of cancer immunotherapy against PD-1 signaling pathway. <i>Journal of Biomedical Science</i> , 2019, 26, 96.	2.6	26
54	Single-nucleotide polymorphism of rs7944135 (macrophage-expressed gene 1) is associated with hepatitis B surface antigen seroclearance in chronic hepatitis B infection. <i>Medicine (United States)</i> , 2019, 98, e17936.	0.4	0

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55	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.	2.7	2
56	Association between nonsteroidal anti-inflammatory drugs and atrial fibrillation among a middle-aged population: a nationwide population-based cohort. <i>British Journal of Clinical Pharmacology</i> , 2018, 84, 1290-1300.	1.1	9
57	Association between Nonsteroidal Anti-Inflammatory Drugs and Colorectal Cancer: A Population-Based Case-Control Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 737-745.	1.1	30
58	Transforming growth factor alpha promotes tumorigenesis and regulates epithelial-mesenchymal transition modulation in colon cancer. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 901-906.	1.0	17
59	Silencing Heat Shock Protein 27 Inhibits the Progression and Metastasis of Colorectal Cancer (CRC) by Maintaining the Stability of Stromal Interaction Molecule 1 (STIM1) Proteins. <i>Cells</i> , 2018, 7, 262.	1.8	21
60	Integrative genomic analysis for the functional roles of <i>ITPKC</i> in bone mineral density. <i>Bioscience Reports</i> , 2018, 38, .	1.1	1
61	The association between BDNF Val66Met polymorphism and emotional symptoms after mild traumatic brain injury. <i>BMC Medical Genetics</i> , 2018, 19, 13.	2.1	27
62	miR-4725-3p targeting stromal interacting molecule 1 signaling is involved in xanthohumol inhibition of glioma cell invasion. <i>Journal of Neurochemistry</i> , 2018, 146, 269-288.	2.1	21
63	Losses of cytokines and chemokines are common genetic features of human cancers: the somatic copy number alterations are correlated with patient prognoses and therapeutic resistance. <i>Oncolmmunology</i> , 2018, 7, e1468951.	2.1	7
64	Cancer and mTOR inhibitors in kidney transplantation recipients. <i>PeerJ</i> , 2018, 6, e5864.	0.9	3
65	Profiling of T-cell Repertoire in biologic-treated patients with rheumatoid arthritis. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-10-27.	0.0	0
66	Losses of cytokines and chemokines are common genetic features of human cancers: the somatic copy number alterations are correlated with patient prognoses and therapeutic resistance. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-8-26.	0.0	0
67	Exposure to tobacco smoke and childhood rhinitis: a population-based study. <i>Scientific Reports</i> , 2017, 7, 42836.	1.6	11
68	Identification of IGF-1-enhanced cytokine expressions targeted by miR-181d in glioblastomas via an integrative miRNA/mRNA regulatory network analysis. <i>Scientific Reports</i> , 2017, 7, 732.	1.6	27
69	Prediction for Intravenous Immunoglobulin Resistance by Using Weighted Genetic Risk Score Identified From Genome-Wide Association Study in Kawasaki Disease. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	33
70	Store-operated Ca ²⁺ Entry Facilitates the Lipopolysaccharide-induced Cyclooxygenase-2 Expression in Gastric Cancer Cells. <i>Scientific Reports</i> , 2017, 7, 12813.	1.6	20
71	Identification of genes and pathways related to lymphovascular invasion in breast cancer patients: A bioinformatics analysis of gene expression profiles. <i>Tumor Biology</i> , 2017, 39, 101042831770557.	0.8	22
72	Associations of genetic variants of endothelin with cardiovascular complications in patients with renal failure. <i>BMC Nephrology</i> , 2017, 18, 291.	0.8	2

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73	V-J combinations of T-cell receptor predict responses to erythropoietin in end-stage renal disease patients. <i>Journal of Biomedical Science</i> , 2017, 24, 43.	2.6	21
74	rs657075 (CSF2) Is Associated with the Disease Phenotype (BAS-G) of Ankylosing Spondylitis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 83.	1.8	6
75	Correlation of HAMP gene polymorphisms and expression with the susceptibility and length of hospital stays in Taiwanese children with Kawasaki disease. <i>Oncotarget</i> , 2017, 8, 51859-51868.	0.8	8
76	rs2841277 (<i>PLD4</i>) is associated with susceptibility and rs4672495 is associated with disease activity in rheumatoid arthritis. <i>Oncotarget</i> , 2017, 8, 64180-64190.	0.8	11
77	Characterization of cytokinome landscape for clinical responses in human cancers. <i>Oncol Immunology</i> , 2016, 5, e1214789.	2.1	21
78	Involvement of L-type Ca ²⁺ channel and toll-like receptor 4 in nickel-induced interleukin-8 gene expression. <i>Environmental Toxicology</i> , 2016, 31, 5-12.	2.1	20
79	Intravenous immunoglobulin, pharmacogenomics, and Kawasaki disease. <i>Journal of Microbiology, Immunology and Infection</i> , 2016, 49, 1-7.	1.5	43
80	Gene expression profiling combined with functional analysis identify integrin beta1 (ITGB1) as a potential prognosis biomarker in triple negative breast cancer. <i>Pharmacological Research</i> , 2016, 104, 31-37.	3.1	39
81	Bioinformatic analyses revealed underlying biological functions correlated with oxaliplatin responsiveness. <i>Tumor Biology</i> , 2016, 37, 583-590.	0.8	3
82	Integrative bioinformatic analyses of an oncogenomic profile reveal the biology of endometrial cancer and guide drug discovery. <i>Oncotarget</i> , 2016, 7, 5909-5923.	0.8	6
83	Interaction between HLA-B60 and HLA-B27 as a Better Predictor of Ankylosing Spondylitis in a Taiwanese Population. <i>PLoS ONE</i> , 2015, 10, e0137189.	1.1	23
84	FCGR2APromoter Methylation and Risks for Intravenous Immunoglobulin Treatment Responses in Kawasaki Disease. <i>Mediators of Inflammation</i> , 2015, 2015, 1-5.	1.4	19
85	Involvement of Intracellular Calcium Mobilization in IL-8 Activation in Human Retinal Pigment Epithelial Cells. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 761-769.	3.3	17
86	A nationwide population-based cohort study to identify the correlation between heart failure and the subsequent risk of herpes zoster. <i>BMC Infectious Diseases</i> , 2015, 15, 17.	1.3	21
87	Translocation of NF- κ B and Expression of Cyclooxygenase-2 Are Enhanced by Ketamine-Induced Ulcerative Cystitis in Rat Bladder. <i>American Journal of Pathology</i> , 2015, 185, 2269-2285.	1.9	41
88	A population-based five-year study on the risk of stroke in patients with osteoporosis in Taiwan. <i>Bone</i> , 2015, 72, 9-13.	1.4	8
89	Function of DNA methyltransferase 3a in lead (Pb ²⁺)-induced <i>Cyclooxygenase-2</i> gene. <i>Environmental Toxicology</i> , 2015, 30, 1024-1032.	2.1	17
90	LINE-1 Methylation Status Correlates Significantly to Post-Therapeutic Recurrence in Stage III Colon Cancer Patients Receiving FOLFOX-4 Adjuvant Chemotherapy. <i>PLoS ONE</i> , 2015, 10, e0123973.	1.1	41

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91	Novel Vitamin D Receptor Mutations in Hereditary Vitamin D Resistant Rickets in Chinese. PLoS ONE, 2015, 10, e0138152.	1.1	8
92	Association Study between the FTCDNL1 (FONG) and Susceptibility to Osteoporosis. PLoS ONE, 2015, 10, e0140549.	1.1	4
93	PTX3 gene activation in EGF-induced head and neck cancer cell metastasis. Oncotarget, 2015, 6, 7741-7757.	0.8	62
94	Correlation of clinical features and genetic profiles of stromal interaction molecule 1 (<i>STIM1</i>) in colorectal cancers. Oncotarget, 2015, 6, 42169-42182.	0.8	20
95	Increased Risk of Benign Prostate Hyperplasia in Sleep Apnea Patients: A Nationwide Population-Based Study. PLoS ONE, 2014, 9, e93081.	1.1	21
96	No Increased Risk of Herpes Zoster Found in Cirrhotic Patients: A Nationwide Population-Based Study in Taiwan. PLoS ONE, 2014, 9, e93443.	1.1	10
97	An Increase in Reactive Oxygen Species by Deregulation of ARNT Enhances Chemotherapeutic Drug-Induced Cancer Cell Death. PLoS ONE, 2014, 9, e99242.	1.1	20
98	IL-31 Associated with Coronary Artery Lesion Formation in Kawasaki Disease. PLoS ONE, 2014, 9, e105195.	1.1	19
99	Genetic Variants of CD209 Associated with Kawasaki Disease Susceptibility. PLoS ONE, 2014, 9, e105236.	1.1	13
100	Pharmacogenomics in Personalized Medicine and Drug Metabolism. BioMed Research International, 2014, 2014, 1-1.	0.9	6
101	A Chinese Herbal Medicine, Jia-Wei-Xiao-Yao-San, Prevents Dimethylnitrosamine-Induced Hepatic Fibrosis in Rats. Scientific World Journal, The, 2014, 2014, 1-7.	0.8	26
102	Association between Kawasaki Disease and Autism: A Population-Based Study in Taiwan. International Journal of Environmental Research and Public Health, 2014, 11, 3705-3716.	1.2	10
103	Single-Nucleotide Polymorphism rs7251246 in ITPKC Is Associated with Susceptibility and Coronary Artery Lesions in Kawasaki Disease. PLoS ONE, 2014, 9, e91118.	1.1	34
104	A Polymorphism of<i>ORAI1</i>rs7135617, Is Associated with Susceptibility to Rheumatoid Arthritis. Mediators of Inflammation, 2014, 2014, 1-5.	1.4	19
105	The Influence of<i>BMX</i>Gene Polymorphisms on Clinical Symptoms after Mild Traumatic Brain Injury. BioMed Research International, 2014, 2014, 1-7.	0.9	5
106	Study of the Association between<i>ITPKC</i>Genetic Polymorphisms and Calcium Nephrolithiasis. BioMed Research International, 2014, 2014, 1-6.	0.9	10
107	Computational Analysis of mRNA Expression Profiles Identifies the<i>ITG</i>Family and<i>PIK3R3</i>as Crucial Genes for Regulating Triple Negative Breast Cancer Cell Migration. BioMed Research International, 2014, 2014, 1-8.	0.9	14
108	Osteoporosis increases subsequent risk of gallstone: a nationwide population-based cohort study in Taiwan. BMC Gastroenterology, 2014, 14, 192.	0.8	6

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109	Association between oral cavity cancer and depression: A population-based study in Taiwan. <i>Oral Oncology</i> , 2014, 50, e21-e22.	0.8	1
110	The antiproliferative effect of C2-ceramide on lung cancer cells through apoptosis by inhibiting Akt and NF κ B. <i>Cancer Cell International</i> , 2014, 14, 1.	1.8	70
111	STIM1- and Orai1-mediated Ca ²⁺ oscillation orchestrates invadopodium formation and melanoma invasion. <i>Journal of Cell Biology</i> , 2014, 207, 535-548.	2.3	138
112	Sleep apnea and the subsequent risk of breast cancer in women: a nationwide population-based cohort study. <i>Sleep Medicine</i> , 2014, 15, 1016-1020.	0.8	75
113	Identifying association model for single-nucleotide polymorphisms of ORA1 gene for breast cancer. <i>Cancer Cell International</i> , 2014, 14, 29.	1.8	20
114	Higher Expression of Whole Blood MicroRNA-21 in Patients with Ankylosing Spondylitis Associated with Programmed Cell Death 4 mRNA Expression and Collagen Cross-linked C-telopeptide Concentration. <i>Journal of Rheumatology</i> , 2014, 41, 1104-1111.	1.0	36
115	rs10865331 Associated with Susceptibility and Disease Severity of Ankylosing Spondylitis in a Taiwanese Population. <i>PLoS ONE</i> , 2014, 9, e104525.	1.1	11
116	Moving toward Personalized Medicine in the Methadone Maintenance Treatment Program: A Pilot Study on the Evaluation of Treatment Responses in Taiwan. <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	17
117	Close Correlation between Season of Birth and the Prevalence of Bronchial Asthma in a Taiwanese Population. <i>PLoS ONE</i> , 2013, 8, e80285.	1.1	13
118	A Single-nucleotide Polymorphism of CCR6 (rs3093024) Is Associated with Susceptibility to Rheumatoid Arthritis But Not Ankylosing Spondylitis, in a Taiwanese Population: Table 1.. <i>Journal of Rheumatology</i> , 2012, 39, 1765-1765.	1.0	15
119	ITPKC Single Nucleotide Polymorphism Associated with the Kawasaki Disease in a Taiwanese Population. <i>PLoS ONE</i> , 2011, 6, e17370.	1.1	84
120	Polymorphisms of transforming growth factor- β signaling pathway and Kawasaki disease in the Taiwanese population. <i>Journal of Human Genetics</i> , 2011, 56, 840-845.	1.1	40