Shih-Chi Su

List of Publications by Year
in descending order

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78 papers	3,573 citations	147801 31 h-index	144013 57 g-index
78 all docs	78 docs citations	78 times ranked	4235 citing authors

#	Article	IF	Citations
1	Granulysin is a key mediator for disseminated keratinocyte death in Stevens-Johnson syndrome and toxic epidermal necrolysis. Nature Medicine, 2008, 14, 1343-1350.	30.7	653
2	Cancer metastasis: Mechanisms of inhibition by melatonin. Journal of Pineal Research, 2017, 62, e12370.	7.4	245
3	Randomized, controlled trial of TNF-Î± antagonist in CTL-mediated severe cutaneous adverse reactions. Journal of Clinical Investigation, 2018, 128, 985-996.	8.2	185
4	The urokinase-type plasminogen activator (uPA) system as a biomarker and therapeutic target in human malignancies. Expert Opinion on Therapeutic Targets, 2016, 20, 551-566.	3.4	121
5	HLA Association with Drug-Induced Adverse Reactions. Journal of Immunology Research, 2017, 2017, 1-10.	2.2	111
6	Interleukin-15 Is Associated with Severity and Mortality in Stevens-Johnson Syndrome/Toxic Epidermal Necrolysis. Journal of Investigative Dermatology, 2017, 137, 1065-1073.	0.7	109
7	Severe cutaneous adverse reactions induced by targeted anticancer therapies and immunotherapies. Cancer Management and Research, 2018, Volume 10, 1259-1273.	1.9	109
8	Exome Sequencing of Oral Squamous Cell Carcinoma Reveals Molecular Subgroups and Novel Therapeutic Opportunities. Theranostics, 2017, 7, 1088-1099.	10.0	101
9	Melatonin suppresses <scp>TPA</scp>â€induced metastasis by downregulating matrix metalloproteinaseâ€9 expression through <scp>JNK</scp>/<scp>SP</scp>â€1 signaling in nasopharyngeal carcinoma. Journal of Pineal Research, 2016, 61, 479-492.	7.4	95
10	Compositional and functional variations of oral microbiota associated with the mutational changes in oral cancer. Oral Oncology, 2018, 77, 1-8.	1.5	95
11	Integrative metagenomic and metabolomic analyses reveal severity-specific signatures of gut microbiota in chronic kidney disease. Theranostics, 2020, 10, 5398-5411.	10.0	77
12	Impact of the HLA-B58:01 Allele and Renal Impairment on Allopurinol-Induced Cutaneous Adverse Reactions. Journal of Investigative Dermatology, 2016, 136, 1373-1381.	0.7	75
13	Melatonin inhibits TPA-induced oral cancer cell migration by suppressing matrix metalloproteinase-9 activation through the histone acetylation. Oncotarget, 2016, 7, 21952-21967.	1.8	71
14	Oral microbial dysbiosis and its performance in predicting oral cancer. Carcinogenesis, 2021, 42, 127-135.	2.8	70
15	Gut Microbiota as Diagnostic Tools for Mirroring Disease Progression and Circulating Nephrotoxin Levels in Chronic Kidney Disease: Discovery and Validation Study. International Journal of Biological Sciences, 2020, 16, 420-434.	6.4	64
16	HLA Associations and Clinical Implications in T-Cell Mediated Drug Hypersensitivity Reactions: An Updated Review. Journal of Immunology Research, 2014, 2014, 1-8.	2.2	58
17	Phytochemicals in Skin Cancer Prevention and Treatment: An Updated Review. International Journal of Molecular Sciences, 2018, 19, 941.	4.1	56
18	The Function of HLA-B*13:01 Involved in the Pathomechanism of Dapsone-Induced Severe Cutaneous Adverse Reactions. Journal of Investigative Dermatology, 2018, 138, 1546-1554.	0.7	54

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19	The Medication Risk of Stevensâ€“Johnson Syndrome and Toxic Epidermal Necrolysis in Asians: The Major Drug Causality and Comparison With the US FDA Label. Clinical Pharmacology and Therapeutics, 2019, 105, 112-120.	4.7	54
20	<scp>HLA</scp> Alleles and <scp>CYP</scp>2C9*3 as Predictors of Phenytoin Hypersensitivity in East Asians. Clinical Pharmacology and Therapeutics, 2019, 105, 476-485.	4.7	53
21	Cytotoxic Proteins and Therapeutic Targets in Severe Cutaneous Adverse Reactions. Toxins, 2014, 6, 194-210.	3.4	47
22	Melatonin attenuates osteosarcoma cell invasion by suppression of Câ€C motif chemokine ligand 24 through inhibition of the câ€Jun Nâ€terminal kinase pathway. Journal of Pineal Research, 2018, 65, e12507.	7.4	46
23	Pharmacodynamic considerations in the use of matrix metalloproteinase inhibitors in cancer treatment. Expert Opinion on Drug Metabolism and Toxicology, 2016, 12, 191-200.	3.3	45
24	A novel melatoninâ€regulated lncRNA suppresses TPAâ€induced oral cancer cell motility through replenishing PRUNE2 expression. Journal of Pineal Research, 2021, 71, e12760.	7.4	45
25	Effects of miR-34b/miR-892a Upregulation and Inhibition of ABCB1/ABCB4 on Melatonin-Induced Apoptosis in VCR-Resistant Oral Cancer Cells. Molecular Therapy - Nucleic Acids, 2020, 19, 877-889.	5.1	43
26	Severe Cutaneous Adverse Reactions: The Pharmacogenomics from Research to Clinical Implementation. International Journal of Molecular Sciences, 2016, 17, 1890.	4.1	39
27	Carbonic anhydrase IX overexpression regulates the migration and progression in oral squamous cell carcinoma. Tumor Biology, 2015, 36, 9517-9524.	1.8	37
28	Functional Interaction between Melatonin Signaling and Noncoding RNAs. Trends in Endocrinology and Metabolism, 2018, 29, 435-445.	7.1	37
29	Melatonin Sensitizes Hepatocellular Carcinoma Cells to Chemotherapy Through Long Non-Coding RNA RAD51-AS1-Mediated Suppression of DNA Repair. Cancers, 2018, 10, 320.	3.7	37
30	Hypersensitivity and Cardiovascular Risks Related to Allopurinol and Febuxostat Therapy in Asians: A Populationâ€Based Cohort Study and Metaâ€Analysis. Clinical Pharmacology and Therapeutics, 2019, 106, 391-401.	4.7	34
31	Melatonin suppresses hepatocellular carcinoma progression via lncRNA-CPS1-IT-mediated HIF-1Î± inactivation. Oncotarget, 2017, 8, 82280-82293.	1.8	33
32	Melatonin as a potential inhibitory agent in head and neck cancer. Oncotarget, 2017, 8, 90545-90556.	1.8	33
33	MMP-11 promoted the oral cancer migration and FAK/Src activation. Oncotarget, 2017, 8, 32783-32793.	1.8	30
34	ADAMTS14 Gene Polymorphism and Environmental Risk in the Development of Oral Cancer. PLoS ONE, 2016, 11, e0159585.	2.5	29
35	Geraniin inhibits oral cancer cell migration by suppressing matrix metalloproteinaseâ€2 activation through the FAK/Src and ERK pathways. Environmental Toxicology, 2019, 34, 1085-1093.	4.0	28
36	Integration of metagenomicsâ€metabolomics reveals specific signatures and functions of airway microbiota in miteâ€sensitized childhood asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2846-2857.	5.7	28

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37	Association of lncRNA H19 Gene Polymorphisms with the Occurrence of Hepatocellular Carcinoma. Genes, 2019, 10, 506.	2.4	27
38	Functional genetic variant in the Kozak sequence of WW domain-containing oxidoreductase (WWOX) gene is associated with oral cancer risk. Oncotarget, 2016, 7, 69384-69396.	1.8	26
39	Fas/Fas Ligand Mediates Keratinocyte Death in Sunitinib-Induced Hand-Foot Skin Reaction. Journal of Investigative Dermatology, 2014, 134, 2768-2775.	0.7	25
40	Salvianolic acid A suppresses MMP-2 expression and restrains cancer cell invasion through ERK signaling in human nasopharyngeal carcinoma. Journal of Ethnopharmacology, 2020, 252, 112601.	4.1	25
41	Association of lncRNA CCAT2 and CASC8 Gene Polymorphisms with Hepatocellular Carcinoma. International Journal of Environmental Research and Public Health, 2019, 16, 2833.	2.6	24
42	Genetic Variants of lncRNA MALAT1 Exert Diverse Impacts on the Risk and Clinicopathologic Characteristics of Patients with Hepatocellular Carcinoma. Journal of Clinical Medicine, 2019, 8, 1406.	2.4	24
43	Update on pathobiology in Stevens-Johnson syndrome and toxic epidermal necrolysis. Dermatologica Sinica, 2013, 31, 175-180.	0.5	23
44	Recent advances of pharmacogenomics in severe cutaneous adverse reactions: immune and nonimmune mechanisms. Asia Pacific Allergy, 2015, 5, 59-67.	1.3	23
45	Effects of RAGE Gene Polymorphisms on the Risk and Progression of Hepatocellular Carcinoma. Medicine (United States), 2015, 94, e1396.	1.0	23
46	Pathological and therapeutic aspects of matrix metalloproteinases: implications in childhood leukemia. Cancer and Metastasis Reviews, 2019, 38, 829-837.	5.9	23
47	The potential remedy of melatonin on osteoarthritis. Journal of Pineal Research, 2021, 71, e12762.	7.4	23
48	Cross-talk between airway and gut microbiome links to IgE responses to house dust mites in childhood airway allergies. Scientific Reports, 2020, 10, 13449.	3.3	22
49	New insights into antimetastatic signaling pathways of melatonin in skeletomuscular sarcoma of childhood and adolescence. Cancer and Metastasis Reviews, 2020, 39, 303-320.	5.9	22
50	Pathogenic Variants in CEP85L Cause Sporadic and Familial Posterior Predominant Lissencephaly. Neuron, 2020, 106, 237-245.e8.	8.1	21
51	Mutational signatures and mutagenic impacts associated with betel quid chewing in oral squamous cell carcinoma. Human Genetics, 2019, 138, 1379-1389.	3.8	20
52	Compositional and Functional Adaptations of Intestinal Microbiota and Related Metabolites in CKD Patients Receiving Dietary Protein Restriction. Nutrients, 2020, 12, 2799.	4.1	20
53	MTA2 as a Potential Biomarker and Its Involvement in Metastatic Progression of Human Renal Cancer by miR-133b Targeting MMP-9. Cancers, 2019, 11, 1851.	3.7	16
54	Association of LINC00673 Genetic Variants with Progression of Oral Cancer. Journal of Personalized Medicine, 2021, 11, 468.	2.5	13

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55	Combinations of FUT2 gene polymorphisms and environmental factors are associated with oral cancer risk. Tumor Biology, 2016, 37, 6647-6652.	1.8	11
56	Magnolol Triggers Caspase-Mediated Apoptotic Cell Death in Human Oral Cancer Cells through JNK1/2 and p38 Pathways. Biomedicines, 2021, 9, 1295.	3.2	11
57	Whole-Genome Sequencing of a Family with Hereditary Pulmonary Alveolar Proteinosis Identifies a Rare Structural Variant Involving CSF2RA/CRLF2/IL3RA Gene Disruption. Scientific Reports, 2017, 7, 43469.	3.3	10
58	Association between survivin genetic polymorphisms and epidermal growth factor receptor mutation in non-small-cell lung cancer. International Journal of Medical Sciences, 2016, 13, 929-935.	2.5	9
59	Association of melatonin membrane receptor 1A/1B gene polymorphisms with the occurrence and metastasis of hepatocellular carcinoma. Oncotarget, 2017, 8, 85655-85669.	1.8	8
60	Effects of Low Protein Diet on Modulating Gut Microbiota in Patients with Chronic Kidney Disease: A Systematic Review and Meta-analysis of International Studies. International Journal of Medical Sciences, 2021, 18, 3839-3850.	2.5	8
61	Digging Up the Human Genome: Current Progress in Deciphering Adverse Drug Reactions. BioMed Research International, 2014, 2014, 1-9.	1.9	7
62	Impact of FGFR4 Gene Polymorphism on the Progression of Colorectal Cancer. Diagnostics, 2021, 11, 978.	2.6	7
63	Impact of Polymorphisms in Casein Kinase 1 Epsilon and Environmental Factors in Oral Cancer Susceptibility. Journal of Cancer, 2019, 10, 5065-5069.	2.5	6
64	DNA methylationâ€mediated Siglecâ€7 regulation in natural killer cells via two 5â€² promoter CpG sites. Immunology, 2020, 160, 38-51.	4.4	6
65	Effect of MACC1 Genetic Polymorphisms and Environmental Risk Factors in the Occurrence of Oral Squamous Cell Carcinoma. Journal of Personalized Medicine, 2021, 11, 490.	2.5	5
66	Association of ITPKB, IL1R2 and COQ7 with Parkinson's disease in Taiwan. Journal of the Formosan Medical Association, 2021, , .	1.7	5
67	Combinations of SERPINB5 gene polymorphisms and environmental factors are associated with oral cancer risks. PLoS ONE, 2017, 12, e0163369.	2.5	5
68	Effects of MACC1 polymorphisms on hepatocellular carcinoma development and clinical characteristics. Journal of Cancer, 2020, 11, 1641-1647.	2.5	5
69	The potential utility of melatonin in the treatment of childhood cancer. Journal of Cellular Physiology, 2019, 234, 19158-19166.	4.1	4
70	wiSDOM: a visual and statistical analytics for interrogating microbiome. Bioinformatics, 2021, 37, 2795-2797.	4.1	4
71	Deoxyshikonin Mediates Heme Oxygenase-1 Induction and Apoptotic Response via p38 Signaling in Tongue Cancer Cell Lines. International Journal of Molecular Sciences, 2022, 23, 7115.	4.1	4
72	Role of LRP10 in Parkinson's disease in a Taiwanese cohort. Parkinsonism and Related Disorders, 2021, 89, 79-83.	2.2	3

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73	Gambogic Acid Induces HO-1 Expression and Cell Apoptosis through p38 Signaling in Oral Squamous Cell Carcinoma. The American Journal of Chinese Medicine, 2022, 50, 1663-1679.	3.8	3
74	Impact of ABCG2 Gene Polymorphism on the Predisposition to Psoriasis. Genes, 2021, 12, 1601.	2.4	2
75	Attenuation of Wnt/Î²-catenin signaling in patients with Stevens-Johnson syndrome and toxic epidermal necrolysis. International Journal of Biological Sciences, 2020, 16, 353-364.	6.4	1
76	Branched I antigen regulated cell susceptibility against natural killer cytotoxicity through its N-linked glycosylation and overall expression. Glycobiology, 2021, 31, 624-635.	2.5	1
77	HCMMCNVs: hierarchical clustering mixture model of copy number variants detection using whole exome sequencing technology. Bioinformatics, 2021, 37, 3026-3028.	4.1	1
78	Phenotypeâ€specific signatures of gut microbiome, resistome, virulome, and metabolome associated with childhood airway allergies. FASEB Journal, 2022, 36, .	0.5	0