

# Shih-Hwa Chiou

## List of Publications by Year in descending order

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58  
papers

2,588  
citations

218381

26  
h-index

205818

48  
g-index

58  
all docs

58  
docs citations

58  
times ranked

5432  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oral Anticoagulation Timing in Patients with Acute Ischemic Stroke and Atrial Fibrillation. <i>Thrombosis and Haemostasis</i> , 2022, 122, 939-950.	1.8	5
2	Inhibition of DUSP6 Activates Autophagy and Rescues the Retinal Pigment Epithelium in Sodium Iodate-Induced Retinal Degeneration Models In Vivo and In Vitro. <i>Biomedicines</i> , 2022, 10, 159.	1.4	7
3	Generation of human induced pluripotent stem cells from cystic fibrosis patient carrying nonsense mutation (p.S308X) in CFTR gene. <i>Stem Cell Research</i> , 2022, 60, 102683.	0.3	1
4	Circular RNAs Modulate Cancer Hallmark and Molecular Pathways to Support Cancer Progression and Metastasis. <i>Cancers</i> , 2022, 14, 862.	1.7	11
5	Aqueous Lumican Correlates with Central Retinal Thickness in Patients with Idiopathic Epiretinal Membrane: A Proteome Study. <i>Disease Markers</i> , 2022, 2022, 1-13.	0.6	2
6	Molecular target therapeutics of EGF-TKI and downstream signaling pathways in non-small cell lung cancers. <i>Journal of the Chinese Medical Association</i> , 2022, 85, 409-413.	0.6	9
7	Circular RNA hsa_circ_0000190 Facilitates the Tumorigenesis and Immune Evasion by Upregulating the Expression of Soluble PD-L1 in Non-Small-Cell Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 64.	1.8	19
8	Nano-vectors for CRISPR/Cas9-mediated genome editing. <i>Nano Today</i> , 2022, 44, 101482.	6.2	15
9	METTL3-dependent N <sup>6</sup> -methyladenosine RNA modification mediates the atherogenic inflammatory cascades in vascular endothelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	68
10	Salvage Boron Neutron Capture Therapy for Malignant Brain Tumor Patients in Compliance with Emergency and Compassionate Use: Evaluation of 34 Cases in Taiwan. <i>Biology</i> , 2021, 10, 334.	1.3	33
11	Supramolecular Nanosubstrate-Mediated Delivery for CRISPR/Cas9 Gene Disruption and Deletion. <i>Small</i> , 2021, 17, 2100546.	5.2	8
12	Application of artificial intelligence-driven endoscopic screening and diagnosis of gastric cancer. <i>World Journal of Gastroenterology</i> , 2021, 27, 2979-2993.	1.4	10
13	Modifications of intravitreal injections in response to the COVID-19 pandemic. <i>Journal of the Chinese Medical Association</i> , 2021, 84, 827-832.	0.6	9
14	An Update on Mesoporous Silica Nanoparticle Applications in Nanomedicine. <i>Pharmaceutics</i> , 2021, 13, 1067.	2.0	57
15	RNA Modifications and Epigenetics in Modulation of Lung Cancer and Pulmonary Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10592.	1.8	61
16	MicroRNA-362 negatively and positively regulates SMAD4 expression in TGF- $\beta$ <sup>2</sup> /SMAD signaling to suppress cell migration and invasion. <i>International Journal of Medical Sciences</i> , 2021, 18, 1798-1809.	1.1	3
17	Generation of osimertinib-resistant cells from epidermal growth factor receptor L858R/T790M mutant non-small cell lung carcinoma cell line. <i>Journal of the Chinese Medical Association</i> , 2021, 84, 248-254.	0.6	9
18	Genome-Wide Polygenic Risk Score for Predicting High Risk Glaucoma Individuals of Han Chinese Ancestry. <i>Journal of Personalized Medicine</i> , 2021, 11, 1169.	1.1	5

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19	Cytokine and Epigenetic Regulation of Programmed Death-Ligand 1 in Stem Cell Differentiation and Cancer Cell Plasticity. <i>Stem Cells</i> , 2021, 39, 1298-1309.	1.4	5
20	Proteomic Analysis of Aqueous Humor Proteins in Association with Cataract Risks: Diabetes and Smoking. <i>Journal of Clinical Medicine</i> , 2021, 10, 5731.	1.0	2
21	Musashi-1 promotes stress-induced tumor progression through recruitment of AGO2. <i>Theranostics</i> , 2020, 10, 201-217.	4.6	13
22	Supramolecular nanosubstrate-mediated delivery system enables CRISPR-Cas9 knockin of hemoglobin beta gene for hemoglobinopathies. <i>Science Advances</i> , 2020, 6, .	4.7	25
23	Prevalence of glaucoma in the elderly population in Taiwan: The Shihpai Eye Study. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 880-884.	0.6	5
24	Genomic analysis and comparative multiple sequences of SARS-CoV2. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 537-543.	0.6	40
25	Three-Year Outcomes of Patients with Neovascular Age-Related Macular Degeneration Treated with Aflibercept under the National Health Insurance Program in Taiwan. <i>Journal of Ophthalmology</i> , 2020, 2020, 1-8.	0.6	5
26	Plasma Level of Circular RNA hsa_circ_0000190 Correlates with Tumor Progression and Poor Treatment Response in Advanced Lung Cancers. <i>Cancers</i> , 2020, 12, 1740.	1.7	45
27	Highlight of Immune Pathogenic Response and Hematopathologic Effect in SARS-CoV, MERS-CoV, and SARS-Cov-2 Infection. <i>Frontiers in Immunology</i> , 2020, 11, 1022.	2.2	263
28	Mitochondrial transport mediates survival of retinal ganglion cells in affected LHON patients. <i>Human Molecular Genetics</i> , 2020, 29, 1454-1464.	1.4	30
29	A Review of SARS-CoV-2 and the Ongoing Clinical Trials. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2657.	1.8	530
30	Osimertinib in previously EGFR-TKI treated non-small cell lung cancer (NSCLC) patients without T790M mutation: Real-world evidence.. <i>Journal of Clinical Oncology</i> , 2020, 38, e21631-e21631.	0.8	0
31	Glutamate Stimulation Dysregulates AMPA Receptors-Induced Signal Transduction Pathway in Leber's Inherited Optic Neuropathy Patient-Specific hiPSC-Derived Retinal Ganglion Cells. <i>Cells</i> , 2019, 8, 625.	1.8	12
32	Effect of cold provocation on vessel density in eyes with primary open angle glaucoma: An optical coherence tomography angiography study. <i>Scientific Reports</i> , 2019, 9, 9384.	1.6	5
33	Modulation of osmotic stress-induced TRPV1 expression rescues human iPSC-derived retinal ganglion cells through PKA. <i>Stem Cell Research and Therapy</i> , 2019, 10, 284.	2.4	7
34	Dual Delivery of HNF4 $\alpha$ and Cisplatin by Mesoporous Silica Nanoparticles Inhibits Cancer Pluripotency and Tumorigenicity in Hepatoma-Derived CD133-Expressing Stem Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 19808-19818.	4.0	40
35	Bio-Inspired NanoVilli Chips for Enhanced Capture of Tumor-Derived Extracellular Vesicles: Toward Non-Invasive Detection of Gene Alterations in Non-Small Cell Lung Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 13973-13983.	4.0	55
36	Artificial intelligence-based decision-making for age-related macular degeneration. <i>Theranostics</i> , 2019, 9, 232-245.	4.6	116

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37	Noninfectious uveitis in the Asia-Pacific region. <i>Eye</i> , 2019, 33, 66-77.	1.1	53
38	Generation of Functional Dopaminergic Neurons from Reprogramming Fibroblasts by Nonviral-based Mesoporous Silica Nanoparticles. <i>Scientific Reports</i> , 2018, 8, 11.	1.6	86
39	Expression profiling of cell-intrinsic regulators in the process of differentiation of human iPSCs into retinal lineages. <i>Stem Cell Research and Therapy</i> , 2018, 9, 140.	2.4	16
40	Arsenic trioxide-mediated suppression of miR-182-5p is associated with potent anti-oxidant effects through up-regulation of <i>SESN2</i> . <i>Oncotarget</i> , 2018, 9, 16028-16042.	0.8	14
41	Supercontinuum source-based multi-contrast optical coherence tomography for rat retina imaging. <i>Biomedical Optics Express</i> , 2018, 9, 6132.	1.5	13
42	Dual delivery of siRNA and plasmid DNA using mesoporous silica nanoparticles to differentiate induced pluripotent stem cells into dopaminergic neurons. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3012-3023.	2.9	38
43	Integrated (epi)-Genomic Analyses Identify Subgroup-Specific Therapeutic Targets in CNS Rhabdoid Tumors. <i>Cancer Cell</i> , 2016, 30, 891-908.	7.7	191
44	Impaired ROS Scavenging System in Human Induced Pluripotent Stem Cells Generated from Patients with MERRF Syndrome. <i>Scientific Reports</i> , 2016, 6, 23661.	1.6	32
45	Chinese herbal medicines promote hippocampal neuroproliferation, reduce stress hormone levels, inhibit apoptosis, and improve behavior in chronically stressed mice. <i>Journal of Ethnopharmacology</i> , 2016, 193, 159-168.	2.0	13
46	Laminin modification subretinal bio-scaffold remodels retinal pigment epithelium-driven microenvironment <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2016, 7, 64631-64648.	0.8	29
47	Involvement of <i>let-7</i> microRNA for the therapeutic effects of Rhenium-188-embedded liposomal nanoparticles on orthotopic human head and neck cancer model. <i>Oncotarget</i> , 2016, 7, 65782-65796.	0.8	21
48	A temperature-induced and shear-reversible assembly of latanoprost-loaded amphiphilic chitosan colloids: Characterization and <i>in vivo</i> glaucoma treatment. <i>Acta Biomaterialia</i> , 2014, 10, 3188-3196.	4.1	30
49	Biomedical applications and colloidal properties of amphiphilically modified chitosan hybrids. <i>Progress in Polymer Science</i> , 2013, 38, 1307-1328.	11.8	91
50	MafA promotes the reprogramming of placenta-derived multipotent stem cells into pancreatic islets-like and insulin+ cells. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 612-624.	1.6	31
51	Identification of CD133-Positive Radioresistant Cells in Atypical Teratoid/ Rhabdoid Tumor. <i>PLoS ONE</i> , 2008, 3, e2090.	1.1	110
52	Surface Modification of Materials by Plasma Process and UV-induced Grafted Polymerization for Biomedical Applications. <i>Shinku/Journal of the Vacuum Society of Japan</i> , 2007, 50, 609-614.	0.2	2
53	Evaluation of anti-Fas ligand-induced apoptosis and neural differentiation of PC12 cells treated with nerve growth factor using small interfering RNA method and sampling by microdialysis. <i>Analytical Biochemistry</i> , 2007, 363, 46-57.	1.1	13
54	Fluoxetine up-regulates expression of cellular FLICE-inhibitory protein and inhibits LPS-induced apoptosis in hippocampus-derived neural stem cell. <i>Biochemical and Biophysical Research Communications</i> , 2006, 343, 391-400.	1.0	86

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55	Moclobemide upregulated Bcl-2 expression and induced neural stem cell differentiation into serotonergic neuron via extracellular-regulated kinase pathway. <i>British Journal of Pharmacology</i> , 2006, 148, 587-598.	2.7	67
56	The Immediate Early 2 Protein of Human Cytomegalovirus (HCMV) Mediates the Apoptotic Control in HCMV Retinitis through Up-Regulation of the Cellular FLICE-Inhibitory Protein Expression. <i>Journal of Immunology</i> , 2006, 177, 6199-6206.	0.4	36
57	A novel in vitro retinal differentiation model by co-culturing adult human bone marrow stem cells with retinal pigmented epithelium cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 578-585.	1.0	66
58	Apoptosis of Human Retina and Retinal Pigment Cells Induced by Human Cytomegalovirus Infection. <i>Ophthalmic Research</i> , 2002, 34, 77-82.	1.0	20