

# Shih-Jie Chou

## List of Publications by Year in descending order

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33  
papers

1,211  
citations

516215

16  
h-index

414034

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2632  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery and characterization of circulating tumor cell clusters in neuroendocrine tumor patients using nanosubstrate-embedded microchips. <i>Biosensors and Bioelectronics</i> , 2022, 199, 113854.	5.3	10
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	Nano-vectors for CRISPR/Cas9-mediated genome editing. <i>Nano Today</i> , 2022, 44, 101482.	6.2	15
5	Expression of Endogenous Angiotensin-Converting Enzyme 2 in Human Induced Pluripotent Stem Cell-Derived Retinal Organoids. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1320.	1.8	28
6	Reversal of the Inflammatory Responses in Fabry Patient iPSC-Derived Cardiovascular Endothelial Cells by CRISPR/Cas9-Corrected Mutation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2381.	1.8	12
7	Supramolecular Nanosubstrate-Mediated Delivery for CRISPR/Cas9 Gene Disruption and Deletion. <i>Small</i> , 2021, 17, 2100546.	5.2	8
8	Easy albumin-bilirubin score as a new prognostic predictor in hepatocellular carcinoma. <i>Hepatology Research</i> , 2021, 51, 1129-1138.	1.8	17
9	Dual DNA Transfection Using 1,6-Hexanedithiol-Conjugated Maleimide-Functionalized PU-PEI600 For Gene Correction in a Patient iPSC-Derived Fabry Cardiomyopathy Model. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 634190.	1.8	1
10	Circulating trophoblast cell clusters for early detection of placenta accreta spectrum disorders. <i>Nature Communications</i> , 2021, 12, 4408.	5.8	23
11	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
12	Non-coding RNA and lung cancer progression. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 8-14.	0.6	16
13	A review of severe acute respiratory syndrome coronavirus 2 infection in the reproductive system. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 895-897.	0.6	19
14	Enhancing induced pluripotent stem cell toward differentiation into functional cardiomyocytes. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 657-660.	0.6	1
15	Smartphone-based diabetic macula edema screening with an offline artificial intelligence. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 1102-1106.	0.6	13
16	Genomic variance of Open Reading Frames (ORFs) and Spike protein in severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). <i>Journal of the Chinese Medical Association</i> , 2020, 83, 725-732.	0.6	27
17	The pharmacological development of direct acting agents for emerging needed therapy against severe acute respiratory syndrome coronavirus-2. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 712-718.	0.6	1
18	Cardiovascular manifestation and treatment in COVID-19. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 704-709.	0.6	29

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19	Role of dipeptidyl peptidase-4 inhibitors in patients with diabetes infected with coronavirus-19. Journal of the Chinese Medical Association, 2020, 83, 710-711.	0.6	16
20	Supramolecular nanosubstrate-mediated delivery system enables CRISPR-Cas9 knockin of hemoglobin beta gene for hemoglobinopathies. Science Advances, 2020, 6, .	4.7	25
21	Purification of HCC-specific extracellular vesicles on nanosubstrates for early HCC detection by digital scoring. Nature Communications, 2020, 11, 4489.	5.8	134
22	Musashi-1 promotes cancer stem cell properties of glioblastoma cells via upregulation of YTHDF1. Cancer Cell International, 2020, 20, 597.	1.8	47
23	Gene Therapy: Dual Supramolecular Nanoparticle Vectors Enable CRISPR/Cas9-Mediated Knockin of Retinoschisin 1 Gene—A Potential Nonviral Therapeutic Solution for X-Linked Juvenile Retinoschisis (Adv. Sci. 10/2020). Advanced Science, 2020, 7, 2070054.	5.6	2
24	Mitochondrial transport mediates survival of retinal ganglion cells in affected LHON patients. Human Molecular Genetics, 2020, 29, 1454-1464.	1.4	30
25	A Review of SARS-CoV-2 and the Ongoing Clinical Trials. International Journal of Molecular Sciences, 2020, 21, 2657.	1.8	530
26	Using cationic polyurethane-short branch PEI as microRNA-driven nano-delivery system for stem cell differentiation. Journal of the Chinese Medical Association, 2020, 83, 367-370.	0.6	5
27	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. ACS Applied Materials & Interfaces, 2019, 11, 13973-13983.	4.0	55
28	Generation of GLA-Knockout Human Embryonic Stem Cell Lines to Model Autophagic Dysfunction and Exosome Secretion in Fabry Disease-Associated Hypertrophic Cardiomyopathy. Cells, 2019, 8, 327.	1.8	33
29	Inhibition of Arachidonate 12/15-Lipoxygenase Improves $\alpha$ -Galactosidase Efficacy in iPSC-Derived Cardiomyocytes from Fabry Patients. International Journal of Molecular Sciences, 2018, 19, 1480.	1.8	9
30	Generation of two isogenic human induced pluripotent stem cell lines from a 15-year-old female patient with MERRF syndrome and A8344G mutation of mitochondrial DNA. Stem Cell Research, 2018, 30, 201-205.	0.3	11
31	Energy utilization of induced pluripotent stem cell-derived cardiomyocyte in Fabry disease. International Journal of Cardiology, 2017, 232, 255-263.	0.8	33
32	Interleukin-18 deteriorates Fabry cardiomyopathy and contributes to the development of left ventricular hypertrophy in Fabry patients with GLA IVS4+919 G>A mutation. Oncotarget, 2016, 7, 87161-87179.	0.8	26
33	Dysregulation of Mitochondrial Functions and Osteogenic Differentiation in Cisd2-Deficient Murine Induced Pluripotent Stem Cells. Stem Cells and Development, 2015, 24, 2561-2576.	1.1	22