Chi-Ling Chiang

List of Publications by Year in Descending Order

35 papers	985 citations	17 h-index	31 g-index
39 ext. papers	1,214 ext. citations	6.1 avg, IF	3.78 L-index

#	Paper	IF	Citations
35	ROR1 targeted immunoliposomal delivery of OSU-2S shows selective cytotoxicity in t(1;19)(q23;p13) translocated B-cell acute lymphoblastic leukemia. *Leukemia Research*, **2022**, 118, 106872	2.7	
34	From Nanoparticles to Cancer Nanomedicine: Old Problems with New Solutions. *Nanomaterials*, **2021**, 11,	5.4	10
33	The ROR1 antibody-drug conjugate huXBR1-402-G5-PNU effectively targets ROR1+ leukemia. *Blood Advances*, **2021**, 5, 3152-3162	7.8	2
32	CLEAR: coverage-based limiting-cell experiment analysis for RNA-seq. *Journal of Translational Medicine*, **2020**, 18, 63	8.5	6
31	Large-scale generation of functional mRNA-encapsulating exosomes via cellular nanoporation. *Nature Biomedical Engineering*, **2020**, 4, 69-83	19	190
30	ROR1-targeted delivery of miR-29b induces cell cycle arrest and therapeutic benefit in vivo in a CLL mouse model. *Blood*, **2019**, 134, 432-444	2.2	17
29	LC-Facseq: A Novel Method for Detecting Rare Resistant Clones in Leukemia. *Blood*, **2019**, 134, 3377-3377	2.2	
28	ROR1 Targeted Immunoliposomal Delivery of OSU-2S Show Selective Cytotoxicity in t(1;19) Translocated B-ALL. *Blood*, **2019**, 134, 3798-3798	2.2	
27	3D nanochannel electroporation for high-throughput cell transfection with high uniformity and dosage control. *Nanoscale*, **2016**, 8, 243-52	7.7	62
26	Controllable Large-Scale Transfection of Primary Mammalian Cardiomyocytes on a Nanochannel Array Platform. *Small*, **2016**, 12, 5971-5980	11	56
25	Functional exosome-mimic for delivery of siRNA to cancer: in vitro and in vivo evaluation. *Journal of Controlled Release*, **2016**, 243, 160-171	11.7	114
24	Pharmacological activation of lysophosphatidic acid receptors regulates erythropoiesis. *Scientific Reports*, **2016**, 6, 27050	4.9	17
23	Nonviral Transfection Methods of Efficient Gene Delivery: Micro-/Nano-Technology for Electroporation **2016**, 175-218		
22	Induced Apoptosis Investigation in Wild-type and FLT3-ITD Acute Myeloid Leukemia Cells by Nanochannel Electroporation and Single-cell qRT-PCR. *Molecular Therapy*, **2016**, 24, 956-64	11.7	7
21	Targeting the RAS/MAPK pathway with miR-181a in acute myeloid leukemia. *Oncotarget*, **2016**, 7, 59273-59286	3.3	40
20	CD33 Targeted Immunoliposomal Delivery of OSU-2S, a Non-Immunosuppressive FTY720 Derivative, Mediates Selective Cytotoxicity in Acute Myeloid Leukemia. *Blood*, **2016**, 128, 2748-2748	2.2	
19	Nanofabrication: Controllable Large-Scale Transfection of Primary Mammalian Cardiomyocytes on a Nanochannel Array Platform (Small 43/2016). *Small*, **2016**, 12, 5914-5914	11	0

18	Dielectrophoresis-assisted 3D nanoelectroporation for non-viral cell transfection in adoptive immunotherapy. *Lab on A Chip*, **2015**, 15, 3147-53	7.2	72
17	Opposing regulation of megakaryopoiesis by LPA receptors 2 and 3 in K562 human erythroleukemia cells. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2015**, 1851, 172-83	5	8
16	Indole-3-carbinol inhibits tumorigenicity of hepatocellular carcinoma cells via suppression of microRNA-21 and upregulation of phosphatase and tensin homolog. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2015**, 1853, 244-53	4.9	34
15	Tumor antigen ROR1 targeted drug delivery mediated selective leukemic but not normal B-cell cytotoxicity in chronic lymphocytic leukemia. *Leukemia*, **2015**, 29, 346-55	10.7	30
14	A novel 96well-formatted micro-gap plate enabling drug response profiling on primary tumour samples. *Scientific Reports*, **2015**, 5, 9656	4.9	20
13	Bosch etching for the creation of a 3D nanoelectroporation system for high throughput gene delivery. *Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics*, **2015**, 33, 06F903	1.3	4
12	ROR1-targeted delivery of OSU-2S, a nonimmunosuppressive FTY720 derivative, exerts potent cytotoxicity in mantle-cell lymphoma in vitro and in vivo. *Experimental Hematology*, **2015**, 43, 770-4.e2	3.1	15
11	Magnetic tweezers-based 3D microchannel electroporation for high-throughput gene transfection in living cells. *Small*, **2015**, 11, 1818-1828	11	67
10	Micro-/nano-electroporation for active gene delivery. *Current Pharmaceutical Design*, **2015**, 21, 6081-8	3.3	26
9	Immunoliposomal Delivery of Mir-29b By Targeting Tumor Antigen ROR1 Induces Epigenetic Reprograming in Human-ROR1-Expressed Mouse Model of Chronic Lymphocytic Leukemia. *Blood*, **2015**, 126, 1743-1743	2.2	
8	Modeling of cancer metastasis and drug resistance via biomimetic nano-cilia and microfluidics. *Biomaterials*, **2014**, 35, 1562-71	15.6	53
7	Tumor Antigen ROR1 Targeted Delivery Of FTY720 Derivative OSU-2S Prolongs Survival In ROR1 Engineered Mouse Model Of Chronic Lymphocytic Leukemia. *Blood*, **2013**, 122, 4168-4168	2.2	1
6	Configurable 2D and 3D spheroid tissue cultures on bioengineered surfaces with acquisition of epithelial–mesenchymal transition characteristics. *NPG Asia Materials*, **2012**, 4, e27-e27	10.3	32
5	Dielectrophoresis-based cellular microarray chip for anticancer drug screening in perfusion microenvironments. *Lab on A Chip*, **2011**, 11, 2333-42	7.2	44
4	Lysophosphatidic acid induces erythropoiesis through activating lysophosphatidic acid receptor 3. *Stem Cells*, **2011**, 29, 1763-73	5.8	37
3	Detection of circulating endothelial cells via a microfluidic disk. *Clinical Chemistry*, **2011**, 57, 586-92	5.5	18
2	LPA Induces Erythropoiesis Process Through Activating LPA Receptor 3. *FASEB Journal*, **2011**, 25, 1043.4	0.9	
1	S1P Induces Lymphangiogenesis Through a MMP-2/FGFR-1-dependent Pathway in Human Umbilical Vein Endothelial Cells. *FASEB Journal*, **2011**, 25, 1091.3	0.9	