

Chi-Ling Chiang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Large-scale generation of functional mRNA-encapsulating exosomes via cellular nanoporation. <i>Nature Biomedical Engineering</i> , 2020 , 4, 69-83	19	190
34	Functional exosome-mimic for delivery of siRNA to cancer: in vitro and in vivo evaluation. <i>Journal of Controlled Release</i> , 2016 , 243, 160-171	11.7	114
33	Dielectrophoresis-assisted 3D nanoelectroporation for non-viral cell transfection in adoptive immunotherapy. <i>Lab on A Chip</i> , 2015 , 15, 3147-53	7.2	72
32	Magnetic tweezers-based 3D microchannel electroporation for high-throughput gene transfection in living cells. <i>Small</i> , 2015 , 11, 1818-1828	11	67
31	3D nanochannel electroporation for high-throughput cell transfection with high uniformity and dosage control. <i>Nanoscale</i> , 2016 , 8, 243-52	7.7	62
30	Controllable Large-Scale Transfection of Primary Mammalian Cardiomyocytes on a Nanochannel Array Platform. <i>Small</i> , 2016 , 12, 5971-5980	11	56
29	Modeling of cancer metastasis and drug resistance via biomimetic nano-cilia and microfluidics. <i>Biomaterials</i> , 2014 , 35, 1562-71	15.6	53
28	Dielectrophoresis-based cellular microarray chip for anticancer drug screening in perfusion microenvironments. <i>Lab on A Chip</i> , 2011 , 11, 2333-42	7.2	44
27	Targeting the RAS/MAPK pathway with miR-181a in acute myeloid leukemia. <i>Oncotarget</i> , 2016 , 7, 59273-59286	3.9	40
26	Lysophosphatidic acid induces erythropoiesis through activating lysophosphatidic acid receptor 3. <i>Stem Cells</i> , 2011 , 29, 1763-73	5.8	37
25	Indole-3-carbinol inhibits tumorigenicity of hepatocellular carcinoma cells via suppression of microRNA-21 and upregulation of phosphatase and tensin homolog. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015 , 1853, 244-53	4.9	34
24	Configurable 2D and 3D spheroid tissue cultures on bioengineered surfaces with acquisition of epithelial-mesenchymal transition characteristics. <i>NPG Asia Materials</i> , 2012 , 4, e27-e27	10.3	32
23	Tumor antigen ROR1 targeted drug delivery mediated selective leukemic but not normal B-cell cytotoxicity in chronic lymphocytic leukemia. <i>Leukemia</i> , 2015 , 29, 346-55	10.7	30
22	Micro-/nano-electroporation for active gene delivery. <i>Current Pharmaceutical Design</i> , 2015 , 21, 6081-8	3.3	26
21	A novel 96well-formatted micro-gap plate enabling drug response profiling on primary tumour samples. <i>Scientific Reports</i> , 2015 , 5, 9656	4.9	20
20	Detection of circulating endothelial cells via a microfluidic disk. <i>Clinical Chemistry</i> , 2011 , 57, 586-92	5.5	18
19	ROR1-targeted delivery of miR-29b induces cell cycle arrest and therapeutic benefit in vivo in a CLL mouse model. <i>Blood</i> , 2019 , 134, 432-444	2.2	17

18	Pharmacological activation of lysophosphatidic acid receptors regulates erythropoiesis. <i>Scientific Reports</i> , 2016 , 6, 27050	4.9	17
17	ROR1-targeted delivery of OSU-2S, a nonimmunosuppressive FTY720 derivative, exerts potent cytotoxicity in mantle-cell lymphoma in vitro and in vivo. <i>Experimental Hematology</i> , 2015 , 43, 770-4.e2	3.1	15
16	From Nanoparticles to Cancer Nanomedicine: Old Problems with New Solutions. <i>Nanomaterials</i> , 2021 , 11,	5.4	10
15	Opposing regulation of megakaryopoiesis by LPA receptors 2 and 3 in K562 human erythroleukemia cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015 , 1851, 172-83	5	8
14	Induced Apoptosis Investigation in Wild-type and FLT3-ITD Acute Myeloid Leukemia Cells by Nanochannel Electroporation and Single-cell qRT-PCR. <i>Molecular Therapy</i> , 2016 , 24, 956-64	11.7	7
13	CLEAR: coverage-based limiting-cell experiment analysis for RNA-seq. <i>Journal of Translational Medicine</i> , 2020 , 18, 63	8.5	6
12	Bosch etching for the creation of a 3D nanoelectroporation system for high throughput gene delivery. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2015 , 33, 06F903	1.3	4
11	The ROR1 antibody-drug conjugate huXBR1-402-G5-PNU effectively targets ROR1+ leukemia. <i>Blood Advances</i> , 2021 , 5, 3152-3162	7.8	2
10	Tumor Antigen ROR1 Targeted Delivery Of FTY720 Derivative OSU-2S Prolongs Survival In ROR1 Engineered Mouse Model Of Chronic Lymphocytic Leukemia. <i>Blood</i> , 2013 , 122, 4168-4168	2.2	1
9	Nanofabrication: Controllable Large-Scale Transfection of Primary Mammalian Cardiomyocytes on a Nanochannel Array Platform (Small 43/2016). <i>Small</i> , 2016 , 12, 5914-5914	11	0
8	Nonviral Transfection Methods of Efficient Gene Delivery: Micro-/Nano-Technology for Electroporation 2016 , 175-218		
7	LC-Facseq: A Novel Method for Detecting Rare Resistant Clones in Leukemia. <i>Blood</i> , 2019 , 134, 3377-3377	7.2	
6	ROR1 Targeted Immunoliposomal Delivery of OSU-2S Show Selective Cytotoxicity in t(1;19) Translocated B-ALL. <i>Blood</i> , 2019 , 134, 3798-3798	2.2	
5	Immunoliposomal Delivery of Mir-29b By Targeting Tumor Antigen ROR1 Induces Epigenetic Reprograming in Human-ROR1-Expressed Mouse Model of Chronic Lymphocytic Leukemia. <i>Blood</i> , 2015 , 126, 1743-1743	2.2	
4	CD33 Targeted Immunoliposomal Delivery of OSU-2S, a Non-Immunosuppressive FTY720 Derivative, Mediates Selective Cytotoxicity in Acute Myeloid Leukemia. <i>Blood</i> , 2016 , 128, 2748-2748	2.2	
3	LPA Induces Erythropoiesis Process Through Activating LPA Receptor 3. <i>FASEB Journal</i> , 2011 , 25, 1043.4o.9		
2	S1P Induces Lymphangiogenesis Through a MMP-2/FGFR-1-dependent Pathway in Human Umbilical Vein Endothelial Cells. <i>FASEB Journal</i> , 2011 , 25, 1091.3	0.9	
1	ROR1 targeted immunoliposomal delivery of OSU-2S shows selective cytotoxicity in t(1;19)(q23;p13) translocated B-cell acute lymphoblastic leukemia. <i>Leukemia Research</i> , 2022 , 118, 106872-7	2.7	

