

Chi-Ling Chiang

List of Publications by Year in descending order

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37
papers

1,444
citations

430442

18
h-index

454577

30
g-index

39
all docs

39
docs citations

39
times ranked

2428
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale generation of functional mRNA-encapsulating exosomes via cellular nanoporation. <i>Nature Biomedical Engineering</i> , 2020, 4, 69-83.	11.6	415
2	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.	4.8	152
3	Dielectrophoresis-assisted 3D nanoelectroporation for non-viral cell transfection in adoptive immunotherapy. <i>Lab on A Chip</i> , 2015, 15, 3147-3153.	3.1	92
4	3D nanochannel electroporation for high-throughput cell transfection with high uniformity and dosage control. <i>Nanoscale</i> , 2016, 8, 243-252.	2.8	88
5	Magnetic Tweezers-Based 3D Microchannel Electroporation for High-Throughput Gene Transfection in Living Cells. <i>Small</i> , 2015, 11, 1818-1828.	5.2	83
6	Controllable Large-Scale Transfection of Primary Mammalian Cardiomyocytes on a Nanochannel Array Platform. <i>Small</i> , 2016, 12, 5971-5980.	5.2	64
7	Modeling of cancer metastasis and drug resistance via biomimetic nano-cilia and microfluidics. <i>Biomaterials</i> , 2014, 35, 1562-1571.	5.7	59
8	Targeting the RAS/MAPK pathway with miR-181a in acute myeloid leukemia. <i>Oncotarget</i> , 2016, 7, 59273-59286.	0.8	50
9	Dielectrophoresis-based cellular microarray chip for anticancer drug screening in perfusion microenvironments. <i>Lab on A Chip</i> , 2011, 11, 2333.	3.1	48
10	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.	3.8	41
11	Micro-/nano-electroporation for active gene delivery. <i>Current Pharmaceutical Design</i> , 2015, 21, 6081-6088.	0.9	40
12	Lysophosphatidic Acid Induces Erythropoiesis through Activating Lysophosphatidic Acid Receptor 3. <i>Stem Cells</i> , 2011, 29, 1763-1773.	1.4	38
13	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, 244-253.	1.9	38
14	Tumor antigen ROR1 targeted drug delivery mediated selective leukemic but not normal B-cell cytotoxicity in chronic lymphocytic leukemia. <i>Leukemia</i> , 2015, 29, 346-355.	3.3	36
15	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.	0.6	32
16	A Novel 96well-formatted Micro-gap Plate Enabling Drug Response Profiling on Primary Tumour Samples. <i>Scientific Reports</i> , 2015, 5, 9656.	1.6	25
17	From Nanoparticles to Cancer Nanomedicine: Old Problems with New Solutions. <i>Nanomaterials</i> , 2021, 11, 1727.	1.9	25
18	Pharmacological activation of lysophosphatidic acid receptors regulates erythropoiesis. <i>Scientific Reports</i> , 2016, 6, 27050.	1.6	22

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19	Detection of Circulating Endothelial Cells via a Microfluidic Disk. <i>Clinical Chemistry</i> , 2011, 57, 586-592.	1.5	18
20	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, 770-774.e2.	0.2	16
21	CLEAR: coverage-based limiting-cell experiment analysis for RNA-seq. <i>Journal of Translational Medicine</i> , 2020, 18, 63.	1.8	11
22	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, 956-964.	3.7	10
23	The ROR1 antibody-drug conjugate huXBR1-402-G5-PNU effectively targets ROR1+ leukemia. <i>Blood Advances</i> , 2021, 5, 3152-3162.	2.5	9
24	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, 172-183.	1.2	8
25	Microfluidic harvesting of breast cancer tumor spheroid-derived extracellular vesicles from immobilized microgels for single-vesicle analysis. <i>Lab on A Chip</i> , 2022, 22, 2502-2518.	3.1	8
26	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, .	0.6	6
27	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.	0.4	2
28	Nanofabrication: Controllable Large-Scale Transfection of Primary Mammalian Cardiomyocytes on a Nanochannel Array Platform (Small 43/2016). <i>Small</i> , 2016, 12, 5914-5914.	5.2	1
29	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.	0.6	1
30	Nonviral Transfection Methods of Efficient Gene Delivery: Micro-/Nano-Technology for Electroporation. , 2016, , 175-218.		0
31	LPA Induces Erythropoiesis Process Through Activating LPA Receptor 3. <i>FASEB Journal</i> , 2011, 25, 1043.4.	0.2	0
32	S1P Induces Lymphangiogenesis Through a MMP2/FGFR1-dependent Pathway in Human Umbilical Vein Endothelial Cells. <i>FASEB Journal</i> , 2011, 25, 1091.3.	0.2	0
33	Abstract 4406: ROR1 targeted delivery of OSU-2S, a non-immunosuppressive FTY720 derivative, exerts potent cytotoxicity in mantle cell lymphoma in vitro and in vivo. , 2015, , .		0
34	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.	0.6	0
35	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.	0.6	0
36	LC-Facseq: A Novel Method for Detecting Rare Resistant Clones in Leukemia. <i>Blood</i> , 2019, 134, 3377-3377.	0.6	0

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37	ROR1 Targeted Immunoliposomal Delivery of OSU-2S Show Selective Cytotoxicity in t(1;19) Translocated B-ALL. Blood, 2019, 134, 3798-3798.	0.6	0