

Chia-Ning Shen

List of Publications by Year in descending order

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papers

3,228
citations

147566

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#	ARTICLE	IF	CITATIONS
1	A Few-Shot Learning Approach Assists in the Prognosis Prediction of Magnetic Resonance-Guided Focused Ultrasound for the Local Control of Bone Metastatic Lesions. <i>Cancers</i> , 2022, 14, 445.	1.7	3
2	Characterization of initial key steps of IL-17 receptor B oncogenic signaling for targeted therapy of pancreatic cancer. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	11
3	Homogeneous antibody and CAR-T cells with improved effector functions targeting SSEA-4 glycan on pancreatic cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	12
4	Ex Vivo Expansion and Drug Sensitivity Profiling of Circulating Tumor Cells from Patients with Small Cell Lung Cancer. <i>Cancers</i> , 2020, 12, 3394.	1.7	30
5	Luminal Galectin-9-Lamp2 interaction regulates lysosome and autophagy to prevent pathogenesis in the intestine and pancreas. <i>Nature Communications</i> , 2020, 11, 4286.	5.8	38
6	Establishment of three human induced pluripotent stem cell lines from a type 1 diabetic family harboring sequence variants associated with autoimmunity. <i>Stem Cell Research</i> , 2020, 49, 102029.	0.3	0
7	Generation of three induced pluripotent stem cell lines from type 2 diabetic patients with ocular complications. <i>Stem Cell Research</i> , 2020, 49, 102109.	0.3	1
8	Lymphatic vessel remodeling and invasion in pancreatic cancer progression. <i>EBioMedicine</i> , 2019, 47, 98-113.	2.7	29
9	Effectiveness of stereotactic ablative radiotherapy in patients with advanced hepatocellular carcinoma unsuitable for transarterial chemoembolization. <i>Therapeutic Advances in Medical Oncology</i> , 2019, 11, 175883591988900.	1.4	6
10	Human pancreatic neuro-insular network in health and fatty infiltration. <i>Diabetologia</i> , 2018, 61, 168-181.	2.9	78
11	Generation of induced pluripotent stem cells from a patient with X-linked juvenile retinoschisis. <i>Stem Cell Research</i> , 2018, 29, 152-156.	0.3	6
12	Integrative transcriptome sequencing reveals extensive alternative <i>trans</i> -splicing and <i>cis</i> -backsplicing in human cells. <i>Nucleic Acids Research</i> , 2018, 46, 3671-3691.	6.5	62
13	A Low-Toxicity DNA-Alkylating N-Mustard-Quinoline Conjugate with Preferential Sequence Specificity Exerts Potent Antitumor Activity Against Colorectal Cancer. <i>Neoplasia</i> , 2018, 20, 119-130.	2.3	8
14	Bioactivity and gene expression profiles of hiPSC-generated retinal ganglion cells in MT-ND4 mutated Leber's hereditary optic neuropathy. <i>Experimental Cell Research</i> , 2018, 363, 299-309.	1.2	39
15	Pancreatic neuro-insular network in young mice revealed by 3D panoramic histology. <i>Diabetologia</i> , 2018, 61, 158-167.	2.9	48
16	Reactive oxygen species-mediated switching expression of MMP-3 in stromal fibroblasts and cancer cells during prostate cancer progression. <i>Scientific Reports</i> , 2017, 7, 9065.	1.6	23
17	Elimination of undifferentiated human embryonic stem cells by cardiac glycosides. <i>Scientific Reports</i> , 2017, 7, 5289.	1.6	17
18	Interleukin-4 Supports the Suppressive Immune Responses Elicited by Regulatory T Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1508.	2.2	59

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19	Elevation of β -galactoside α 2,6-sialyltransferase 1 in a fructose-responsive manner promotes pancreatic cancer metastasis. <i>Oncotarget</i> , 2017, 8, 7691-7709.	0.8	67
20	Abstract 5104: A novel N-mustard-quinoline conjugate is a potent agent against colorectal cancer. , 2017, , .		0
21	<sc>ABCG</sc>2 deficiency in skin impairs re-epithelialization in cutaneous wound healing. <i>Experimental Dermatology</i> , 2016, 25, 355-361.	1.4	4
22	Zebrafish cyclin D α is required for development of motor neuron progenitors and its expression is regulated by hypoxia-inducible factor 2 α . <i>Scientific Reports</i> , 2016, 6, 28297.	1.6	7
23	PanIN-associated pericyte, glial, and islet remodeling in mice revealed by 3D pancreatic duct lesion histology. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G412-G422.	1.6	18
24	Amelioration of type 1 diabetes using direct hepatocyte reprogramming approaches. <i>Diabetes Research and Clinical Practice</i> , 2016, 120, S18.	1.1	0
25	Exosomes from the tumor microenvironment as reciprocal regulators that enhance prostate cancer progression. <i>International Journal of Urology</i> , 2016, 23, 734-744.	0.5	37
26	All-trans retinoic acid ameliorates glycemic control in diabetic mice via modulating pancreatic islet production of vascular endothelial growth factor-A. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 874-880.	1.0	8
27	Maternal vitamin A deficiency during pregnancy affects vascularized islet development. <i>Journal of Nutritional Biochemistry</i> , 2016, 36, 51-59.	1.9	15
28	PDGF Facilitates Direct Lineage Reprogramming of Hepatocytes to Functional β -Like Cells Induced by Pdx1 and Ngn3. <i>Cell Transplantation</i> , 2016, 25, 1893-1909.	1.2	12
29	Tu1478 Lymphangiogenesis in Mouse PanIN Formation Revealed by 3-D Histology. <i>Gastroenterology</i> , 2016, 150, S912-S913.	0.6	0
30	The complete mitochondrial genome of altai osman <i>Oreoleuciscus humilis</i> Warpachowski (Cypriniformes, Cyprinidae). <i>Mitochondrial DNA</i> , 2016, 27, 953-955.	0.6	0
31	Stage-specific embryonic antigen-3 (SSEA-3) and β GalT5 are cancer specific and significant markers for breast cancer stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 960-965.	3.3	55
32	The complete mitochondrial genome of Chinese rod gudgeon <i>Abbottina rivularis</i> (Cypriniformes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	3
33	The complete mitochondrial genome of Fujian rod gudgeon <i>Microphysogobio fukienensis</i> (Nichols) (Cypriniformes, Cyprinidae). <i>Mitochondrial DNA</i> , 2016, 27, 1473-1475.	0.6	2
34	The complete mitochondrial genome of Hoeven's mullet-goby <i>Hemigobius hoevenii</i> (Bleeker) (Teleostei, Gobiidae). <i>Mitochondrial DNA</i> , 2016, 27, 715-716.	0.6	2
35	The complete mitochondrial genome of the small-scaled Wu's goby <i>Wuhanlinigobius polylepis</i> (Perciformes, Gobiidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3823-3825.	0.7	3
36	The complete mitochondrial genome of the redigoby <i>Redigobius bikolanus</i> (Perciformes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.6	3

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37	The complete mitochondrial genome of the Korean minnow <i>Nipponocypris koreanus</i> (Cypriniformes, Cyprinidae). <i>Mitochondrial DNA</i> , 2016, 27, 708-710.	0.6	5
38	The complete mitochondrial genome of small sliver gudgeon <i>Squalidus gracilis</i> (Teleostei). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70</i>	0.6	3
39	Abstract 2489: Therapeutic implication of identifying pancreatic cancer stem cells possessing fructose metabolic signature. , 2016, , .		0
40	Bcl3 Bridges LIF-STAT3 to Oct4 Signaling in the Maintenance of Na ⁺ ve Pluripotency. <i>Stem Cells</i> , 2015, 33, 3468-3480.	1.4	31
41	The complete mitochondrial genome of <i>Plesiomyzon baotingensis</i> Zheng & Chen (Cypriniformes). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 70</i>	0.6	7
42	The complete mitochondrial genome of beautiful stone loach <i>Traccatichthys pulcher</i> (Nichols & Pope) (Cypriniformes: Balitoridae). <i>Mitochondrial DNA</i> , 2015, 26, 932-934.	0.6	2
43	The complete mitochondrial genome of the Abe's mangrove goby <i>Mugilogobius abei</i> (Teleostei). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 70</i>	0.6	18
44	The complete mitochondrial genome of the Java fat-nose goby <i>Pseudogobius javanicus</i> (Teleostei, Gobiidae). <i>Mitochondrial DNA</i> , 2015, 26, 159-161.	0.6	11
45	New Meroterpenoids from <i>Aspergillus terreus</i> with Inhibition of Cyclooxygenase-2 Expression. <i>Organic Letters</i> , 2015, 17, 2330-2333.	2.4	33
46	758 3-D Imaging of Mouse Pancreatic Duct Lesion and Neurovascular Remodeling. <i>Gastroenterology</i> , 2015, 148, S-145.	0.6	0
47	The complete mitochondrial genome of half-spined barbel <i>Acrossocheilus hemispinus</i> (Nichols) (Teleostei, Cyprinidae, Barbinae). <i>Mitochondrial DNA</i> , 2015, 26, 133-134.	0.6	17
48	The complete mitochondrial genome of rainbow barbel <i>Acrossocheilus barbodon</i> (Nichols and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70</i>	0.6	16
49	GIT1 promotes lung cancer cell metastasis through modulating Rac1/Cdc42 activity and is associated with poor prognosis. <i>Oncotarget</i> , 2015, 6, 36278-36291.	0.8	39
50	Abstract 2325: Activated glucocorticoid signaling in pancreatitis contributes to acinar-to-ductal metaplasia and KrasG12D-driven tumorigenesis. , 2015, , .		0
51	Abstract 1511: Identification of metastatic subsets of pancreatic cancer stem cells possessing metabolic features of pluripotent stem cells. , 2015, , .		0
52	Squalene Synthase Induces Tumor Necrosis Factor Receptor 1 Enrichment in Lipid Rafts to Promote Lung Cancer Metastasis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 675-687.	2.5	49
53	Cyclin D1 acts as a barrier to pluripotent reprogramming by promoting neural progenitor fate commitment. <i>FEBS Letters</i> , 2014, 588, 4008-4017.	1.3	17
54	Promoting the Selection and Maintenance of Fetal Liver Stem/Progenitor Cell Colonies by Layer-by-Layer Polypeptide Tethered Supported Lipid Bilayer. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 20654-20663.	4.0	12

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55	Abstract B16: Activated glucocorticoid signaling in pancreatitis contributes to acinar-to-ductal metaplasia and KrasG12D-driven tumorigenesis. , 2014, , .		0
56	Cisplatin Selects for Multidrug-Resistant CD133+ Cells in Lung Adenocarcinoma by Activating Notch Signaling. <i>Cancer Research</i> , 2013, 73, 406-416.	0.4	188
57	Endoplasmic reticulum ribosome-binding protein 1 (RRBP1) overexpression is frequently found in lung cancer patients and alleviates intracellular stress-induced apoptosis through the enhancement of GRP78. <i>Oncogene</i> , 2013, 32, 4921-4931.	2.6	70
58	Protoporphyrin IX accumulation disrupts mitochondrial dynamics and function in ABCG2-deficient hepatocytes. <i>FEBS Letters</i> , 2013, 587, 3202-3209.	1.3	29
59	Cyclohexylmethyl Flavonoids Suppress Propagation of Breast Cancer Stem Cells via Downregulation of NANOG. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-14.	0.5	18
60	Chemotherapeutic Sensitivity of Testicular Germ Cell Tumors Under Hypoxic Conditions Is Negatively Regulated by SENP1-Controlled Sumoylation of OCT4. <i>Cancer Research</i> , 2012, 72, 4963-4973.	0.4	43
61	Use of Surface Properties to Control the Growth and Differentiation of Mouse Fetal Liver Stem/Progenitor Cell Colonies. <i>Biomacromolecules</i> , 2012, 13, 3483-3493.	2.6	10
62	Asperjinone, a Nor-Neolignan, and Terrein, a Suppressor of ABCG2-Expressing Breast Cancer Cells, from Thermophilic <i>Aspergillus terreus</i> . <i>Journal of Natural Products</i> , 2012, 75, 630-635.	1.5	103
63	Label-free quantitative proteomics of CD133-positive liver cancer stem cells. <i>Proteome Science</i> , 2012, 10, 69.	0.7	9
64	Overexpression of Akt1 Enhances Adipogenesis and Leads to Lipoma Formation in Zebrafish. <i>PLoS ONE</i> , 2012, 7, e36474.	1.1	60
65	Changes in Glycosphingolipid Composition During Differentiation of Human Embryonic Stem Cells to Ectodermal or Endodermal Lineages. <i>Stem Cells</i> , 2011, 29, 1995-2004.	1.4	45
66	The Calcium-Chelating Capability of Tetrahydrofuranic Moieties Modulates the Cytotoxicity of Annonaceous Acetogenins. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7885-7891.	7.2	14
67	Establishment of a Transgenic Zebrafish Line for Superficial Skin Ablation and Functional Validation of Apoptosis Modulators In Vivo. <i>PLoS ONE</i> , 2011, 6, e20654.	1.1	51
68	Transdifferentiation of Pancreatic Cells to Hepatocytes. <i>Methods in Molecular Biology</i> , 2010, 640, 273-280.	0.4	7
69	Dexamethasone Treatment Induces the Reprogramming of Pancreatic Acinar Cells to Hepatocytes and Ductal Cells. <i>PLoS ONE</i> , 2010, 5, e13650.	1.1	30
70	Differentiation of Pancreatic Acinar Cells to Hepatocytes Requires an Intermediate Cell Type. <i>Gastroenterology</i> , 2010, 138, 2519-2530.	0.6	18
71	Selection, Enrichment, and Maintenance of Self-Renewal Liver Stem/Progenitor Cells Utilizing Polypeptide Polyelectrolyte Multilayer Films. <i>Biomacromolecules</i> , 2010, 11, 994-1001.	2.6	22
72	Pluripotency of mouse spermatogonial stem cells maintained by IGF1-dependent pathway. <i>FASEB Journal</i> , 2009, 23, 2076-2087.	0.2	100

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73	Inhibition of Acidic Mammalian Chitinase by RNA Interference Suppresses Ovalbumin-Sensitized Allergic Asthma. <i>Human Gene Therapy</i> , 2009, 20, 1597-1606.	1.4	52
74	Discovery of New Natural Products by Intact Cell Mass Spectrometry and LC-ESI-MS/MS: Malbranpyrroles, Novel Polyketides from Thermophilic Fungus <i>Malbranchea sulfurea</i> . <i>Chemistry - A European Journal</i> , 2009, 15, 11573-11580.	1.7	43
75	Anti-inflammatory Flavonoids from the Rhizomes of <i>Helminthostachys zeylanica</i> . <i>Journal of Natural Products</i> , 2009, 72, 1273-1278.	1.5	47
76	Porphyrin Homeostasis Maintained by ABCG2 Regulates Self-Renewal of Embryonic Stem Cells. <i>PLoS ONE</i> , 2008, 3, e4023.	1.1	63
77	All-trans retinoic acid suppresses exocrine differentiation and branching morphogenesis in the embryonic pancreas. <i>Differentiation</i> , 2007, 75, 62-74.	1.0	31
78	Copper deprivation in rats induces islet hyperplasia and hepatic metaplasia in the pancreas. <i>Biology of the Cell</i> , 2007, 99, 37-44.	0.7	11
79	Characterization of liver function in transdifferentiated hepatocytes. <i>Journal of Cellular Physiology</i> , 2006, 206, 147-159.	2.0	41
80	Hepatocyte-Like Cells Transdifferentiated from a Pancreatic Origin Can Support Replication of Hepatitis B Virus. <i>Journal of Virology</i> , 2005, 79, 13116-13128.	1.5	20
81	Transdifferentiation, Metaplasia and Tissue Regeneration. <i>Organogenesis</i> , 2004, 1, 36-44.	0.4	68
82	Bile ducts as a source of pancreatic β cells. <i>BioEssays</i> , 2004, 26, 932-937.	1.2	17
83	Induction and regulation of acute phase proteins in transdifferentiated hepatocytes. <i>Experimental Cell Research</i> , 2004, 292, 342-358.	1.2	45
84	Experimental Conversion of Liver to Pancreas. <i>Current Biology</i> , 2003, 13, 105-115.	1.8	313
85	Transdifferentiation of pancreas to liver. <i>Mechanisms of Development</i> , 2003, 120, 107-116.	1.7	107
86	Glucocorticoids suppress β^2 -cell development and induce hepatic metaplasia in embryonic pancreas. <i>Biochemical Journal</i> , 2003, 375, 41-50.	1.7	100
87	Conversion of pancreatic cells to hepatocytes. <i>Biochemical Society Transactions</i> , 2002, 30, 51-54.	1.6	25
88	Differentiated properties of hepatocytes induced from pancreatic cells. <i>Hepatology</i> , 2002, 36, 534-543.	3.6	59
89	Molecular basis of transdifferentiation of pancreas to liver. <i>Nature Cell Biology</i> , 2000, 2, 879-887.	4.6	396
90	Resolution of Uncertainties in Restriction Maps of Cosmid Clones by "Sequencing Stitching". <i>Analytical Biochemistry</i> , 1995, 228, 355-357.	1.1	1