

Chia-Ning Shen

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,228
citations

147566

31
h-index

155451

55
g-index

94
all docs

94
docs citations

94
times ranked

4627
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular basis of transdifferentiation of pancreas to liver. <i>Nature Cell Biology</i> , 2000, 2, 879-887.	4.6	396
2	Experimental Conversion of Liver to Pancreas. <i>Current Biology</i> , 2003, 13, 105-115.	1.8	313
3	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
4	Transdifferentiation of pancreas to liver. <i>Mechanisms of Development</i> , 2003, 120, 107-116.	1.7	107
5	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
6	Glucocorticoids suppress β 2-cell development and induce hepatic metaplasia in embryonic pancreas. <i>Biochemical Journal</i> , 2003, 375, 41-50.	1.7	100
7	Pluripotency of mouse spermatogonial stem cells maintained by IGF1-dependent pathway. <i>FASEB Journal</i> , 2009, 23, 2076-2087.	0.2	100
8	Human pancreatic neuro-insular network in health and fatty infiltration. <i>Diabetologia</i> , 2018, 61, 168-181.	2.9	78
9	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
10	Transdifferentiation, Metaplasia and Tissue Regeneration. <i>Organogenesis</i> , 2004, 1, 36-44.	0.4	68
11	Elevation of β 2-galactoside β 2,6-sialyltransferase 1 in a fructose-responsive manner promotes pancreatic cancer metastasis. <i>Oncotarget</i> , 2017, 8, 7691-7709.	0.8	67
12	Porphyryn Homeostasis Maintained by ABCG2 Regulates Self-Renewal of Embryonic Stem Cells. <i>PLoS ONE</i> , 2008, 3, e4023.	1.1	63
13	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
14	Overexpression of Akt1 Enhances Adipogenesis and Leads to Lipoma Formation in Zebrafish. <i>PLoS ONE</i> , 2012, 7, e36474.	1.1	60
15	Differentiated properties of hepatocytes induced from pancreatic cells. <i>Hepatology</i> , 2002, 36, 534-543.	3.6	59
16	Interleukin-4 Supports the Suppressive Immune Responses Elicited by Regulatory T Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1508.	2.2	59
17	Stage-specific embryonic antigen-3 (SSEA-3) and β 3GalT5 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
18	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

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19	Establishment of a Transgenic Zebrafish Line for Superficial Skin Ablation and Functional Validation of Apoptosis Modulators In Vivo. PLoS ONE, 2011, 6, e20654.	1.1	51
20	Squalene Synthase Induces Tumor Necrosis Factor Receptor 1 Enrichment in Lipid Rafts to Promote Lung Cancer Metastasis. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 675-687.	2.5	49
21	Pancreatic neuro-insular network in young mice revealed by 3D panoramic histology. Diabetologia, 2018, 61, 158-167.	2.9	48
22	Anti-inflammatory Flavonoids from the Rhizomes of <i>Helminthostachys zeylanica</i> . Journal of Natural Products, 2009, 72, 1273-1278.	1.5	47
23	Induction and regulation of acute phase proteins in transdifferentiated hepatocytes. Experimental Cell Research, 2004, 292, 342-358.	1.2	45
24	Changes in Glycosphingolipid Composition During Differentiation of Human Embryonic Stem Cells to Ectodermal or Endodermal Lineages. Stem Cells, 2011, 29, 1995-2004.	1.4	45
25	Discovery of New Natural Products by Intact Cell Mass Spectrometry and LC-ESI-NMR: Malbranpyrroles, Novel Polyketides from Thermophilic Fungus <i>Malbranchea sulfurea</i> . Chemistry - A European Journal, 2009, 15, 11573-11580.	1.7	43
26	Chemotherapeutic Sensitivity of Testicular Germ Cell Tumors Under Hypoxic Conditions Is Negatively Regulated by SENP1-Controlled Sumoylation of OCT4. Cancer Research, 2012, 72, 4963-4973.	0.4	43
27	Characterization of liver function in transdifferentiated hepatocytes. Journal of Cellular Physiology, 2006, 206, 147-159.	2.0	41
28	Bioactivity and gene expression profiles of hiPSC-generated retinal ganglion cells in MT-ND4 mutated Leber's hereditary optic neuropathy. Experimental Cell Research, 2018, 363, 299-309.	1.2	39
29	GIT1 promotes lung cancer cell metastasis through modulating Rac1/Cdc42 activity and is associated with poor prognosis. Oncotarget, 2015, 6, 36278-36291.	0.8	39
30	Luminal Galectin-9-Lamp2 interaction regulates lysosome and autophagy to prevent pathogenesis in the intestine and pancreas. Nature Communications, 2020, 11, 4286.	5.8	38
31	Exosomes from the tumor microenvironment as reciprocal regulators that enhance prostate cancer progression. International Journal of Urology, 2016, 23, 734-744.	0.5	37
32	New Meroterpenoids from <i>Aspergillus terreus</i> with Inhibition of Cyclooxygenase-2 Expression. Organic Letters, 2015, 17, 2330-2333.	2.4	33
33	All-trans retinoic acid suppresses exocrine differentiation and branching morphogenesis in the embryonic pancreas. Differentiation, 2007, 75, 62-74.	1.0	31
34	Bcl3 Bridges LIF-STAT3 to Oct4 Signaling in the Maintenance of Na ⁺ Pluripotency. Stem Cells, 2015, 33, 3468-3480.	1.4	31
35	Dexamethasone Treatment Induces the Reprogramming of Pancreatic Acinar Cells to Hepatocytes and Ductal Cells. PLoS ONE, 2010, 5, e13650.	1.1	30
36	Ex Vivo Expansion and Drug Sensitivity Profiling of Circulating Tumor Cells from Patients with Small Cell Lung Cancer. Cancers, 2020, 12, 3394.	1.7	30

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37	Protoporphyrin IX accumulation disrupts mitochondrial dynamics and function in ABCG2-deficient hepatocytes. <i>FEBS Letters</i> , 2013, 587, 3202-3209.	1.3	29
38	Lymphatic vessel remodeling and invasion in pancreatic cancer progression. <i>EBioMedicine</i> , 2019, 47, 98-113.	2.7	29
39	Conversion of pancreatic cells to hepatocytes. <i>Biochemical Society Transactions</i> , 2002, 30, 51-54.	1.6	25
40	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
41	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
42	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
43	Differentiation of Pancreatic Acinar Cells to Hepatocytes Requires an Intermediate Cell Type. <i>Gastroenterology</i> , 2010, 138, 2519-2530.	0.6	18
44	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
45	The complete mitochondrial genome of the Abe's mangrove goby <i>Mugilogobius abei</i> (Teleostei). <i>Tj ETQq1</i> 1 0.784314 rgBT / 0.6 18	0.6	18
46	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
47	Bile ducts as a source of pancreatic γ cells. <i>BioEssays</i> , 2004, 26, 932-937.	1.2	17
48	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
49	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
50	Elimination of undifferentiated human embryonic stem cells by cardiac glycosides. <i>Scientific Reports</i> , 2017, 7, 5289.	1.6	17
51	The complete mitochondrial genome of rainbow barbel <i>Acrossocheilus barbodon</i> (Nichols and) <i>Tj ETQq1</i> 1 0.784314 rgBT / 0.6 16	0.6	16
52	Maternal vitamin A deficiency during pregnancy affects vascularized islet development. <i>Journal of Nutritional Biochemistry</i> , 2016, 36, 51-59.	1.9	15
53	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
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	PDGF Facilitates Direct Lineage Reprogramming of Hepatocytes to Functional $\hat{1}^2$ -Like Cells Induced by Pdx1 and Ngn3. <i>Cell Transplantation</i> , 2016, 25, 1893-1909.	1.2	12
56	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
57	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
58	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
59	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
60	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
61	Label-free quantitative proteomics of CD133-positive liver cancer stem cells. <i>Proteome Science</i> , 2012, 10, 69.	0.7	9
62	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
63	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
64	Transdifferentiation of Pancreatic Cells to Hepatocytes. <i>Methods in Molecular Biology</i> , 2010, 640, 273-280.	0.4	7
65	The complete mitochondrial genome of <i>Plesiomyzon baotingensis</i> Zheng & Chen (Cypriniformes, Cyprinidae). <i>Mitochondrial DNA Part B</i> , 2017, 28, 107-114.	0.6	7
66	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
67	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
68	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
69	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
70	ABCG2 deficiency in skin impairs re-epithelialization in cutaneous wound healing. <i>Experimental Dermatology</i> , 2016, 25, 355-361.	1.4	4
71	The complete mitochondrial genome of Chinese rod gudgeon <i>Abbottina rivularis</i> (Cypriniformes, Cyprinidae). <i>Mitochondrial DNA Part B</i> , 2017, 28, 107-114.	0.6	3
72	The complete mitochondrial genome of the small-scaled Wuhan 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

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73	The complete mitochondrial genome of the redigoby <i>Redigobius bikolanus</i> (Perciformes, Tj ETQq1 1 0.784314 rgBT /Oylock 10	0.6	3
74	The complete mitochondrial genome of small sliver gugeon <i>Squalidus gracilis</i> (Teleostei, Tj ETQq0 0 0 rgBT /Oylock 10 Tf 50 70	0.6	3
75	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
76	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
77	The complete mitochondrial genome of Fujian rod gugeon <i>Microphysogobio fukienensis</i> (Nichols) (Cypriniformes, Cyprinidae). <i>Mitochondrial DNA</i> , 2016, 27, 1473-1475.	0.6	2
78	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
79	Resolution of Uncertainties in Restriction Maps of Cosmid Clones by "Sequencing Stitching". <i>Analytical Biochemistry</i> , 1995, 228, 355-357.	1.1	1
80	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
81	758 3-D Imaging of Mouse Pancreatic Duct Lesion and Neurovascular Remodeling. <i>Gastroenterology</i> , 2015, 148, S-145.	0.6	0
82	Amelioration of type 1 diabetes using direct hepatocyte reprogramming approaches. <i>Diabetes Research and Clinical Practice</i> , 2016, 120, S18.	1.1	0
83	Tu1478 Lymphangiogenesis in Mouse PanIN Formation Revealed by 3-D Histology. <i>Gastroenterology</i> , 2016, 150, S912-S913.	0.6	0
84	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
85	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
86	Abstract B16: Activated glucocorticoid signaling in pancreatitis contributes to acinar-to-ductal metaplasia and KrasG12D-driven tumorigenesis. , 2014, , .		0
87	Abstract 2325: Activated glucocorticoid signaling in pancreatitis contributes to acinar-to-ductal metaplasia and KrasG12D-driven tumorigenesis. , 2015, , .		0
88	Abstract 1511: Identification of metastatic subsets of pancreatic cancer stem cells possessing metabolic features of pluripotent stem cells. , 2015, , .		0
89	Abstract 2489: Therapeutic implication of identifying pancreatic cancer stem cells possessing fructose metabolic signature. , 2016, , .		0
90	Abstract 5104: A novel N-mustard-quinoline conjugate is a potent agent against colorectal cancer. , 2017, , .		0