Zhiwei Wang

List of Publications by Year
in descending order

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58 papers	5,792 citations	101543 36 h-index	114465 63 g-index
63 all docs	63 docs citations	63 times ranked	7586 citing authors

#	Article	IF	Citations
1	Hyaluronic acid methacrylate/pancreatic extracellular matrix as a potential 3D printing bioink for constructing islet organoids. Acta Biomaterialia, 2023, 165, 86-101.	8.3	25
2	miR-573 suppresses pancreatic cancer cell proliferation, migration, and invasion through targeting TSPAN1. Strahlentherapie Und Onkologie, 2021, 197, 438-448.	2.0	7
3	Biomimetic hybrid scaffold of electrospun silk fibroin and pancreatic decellularized extracellular matrix for islet survival. Journal of Biomaterials Science, Polymer Edition, 2021, 32, 151-165.	3.5	27
4	Pancreatic Extracellular Matrix/Alginate Hydrogels Provide a Supportive Microenvironment for Insulin-Producing Cells. ACS Biomaterials Science and Engineering, 2021, 7, 3793-3805.	5.2	16
5	Exosomes from Î²-Cells Promote Differentiation of Induced Pluripotent Stem Cells into Insulin-Producing Cells Through microRNA-Dependent Mechanisms. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2021, Volume 14, 4767-4782.	2.4	4
6	Pancreatic extracellular matrix and plateletâ€rich plasma constructing injectable hydrogel for pancreas tissue engineering. Artificial Organs, 2020, 44, e532-e551.	1.9	6
7	Enhanced vascularization and biocompatibility of rat pancreatic decellularized scaffolds loaded with platelet-rich plasma. Journal of Biomaterials Applications, 2020, 35, 313-330.	2.4	9
8	SCFFBXW7/GSK3Î²-Mediated GFI1 Degradation Suppresses Proliferation of Gastric Cancer Cells. Cancer Research, 2019, 79, 4387-4398.	0.9	18
9	Decellularized and solubilized pancreatic stroma promotes the in vitro proliferation, migration and differentiation of BMSCs into IPCs. Cell and Tissue Banking, 2019, 20, 389-401.	1.1	4
10	lncRNA Gm10451 regulates PTIP to facilitate iPSCs-derived Î²-like cell differentiation by targeting miR-338-3p as a ceRNA. Biomaterials, 2019, 216, 119266.	11.4	29
11	Hydrogel materials for the application of islet transplantation. Journal of Biomaterials Applications, 2019, 33, 1252-1264.	2.4	14
12	microRNA-690 regulates induced pluripotent stem cells (iPSCs) differentiation into insulin-producing cells by targeting Sox9. Stem Cell Research and Therapy, 2019, 10, 59.	5.5	32
13	Vascularization of pancreatic decellularized scaffold with endothelial progenitor cells. Journal of Artificial Organs, 2018, 21, 230-237.	0.9	19
14	Constructing heparin-modified pancreatic decellularized scaffold to improve its re-endothelialization. Journal of Biomaterials Applications, 2018, 32, 1063-1070.	2.4	22
15	Transcriptome Analysis of Induced Pluripotent Stem Cell (iPSC)-derived Pancreatic Î²-like Cell Differentiation. Cell Transplantation, 2017, 26, 1380-1391.	2.5	11
16	YB-1 expression promotes pancreatic cancer metastasis that is inhibited by microRNA-216a. Experimental Cell Research, 2017, 359, 319-326.	2.6	27
17	Triple-amiRNA VEGFRs inhibition in pancreatic cancer improves the efficacy of chemotherapy through EMT regulation. Journal of Controlled Release, 2017, 245, 1-14.	9.9	27
18	Culture of iPSCs Derived Pancreatic <i>Î²</i>-Like Cells In Vitro Using Decellularized Pancreatic Scaffolds: A Preliminary Trial. BioMed Research International, 2017, 2017, 1-14.	1.9	37

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19	Decellularization and Recellularization of Rat Livers With Hepatocytes and Endothelial Progenitor Cells. Artificial Organs, 2016, 40, E25-38.	1.9	57
20	The dynamic three-dimensional culture of islet-like clusters in decellularized liver scaffolds. Cell and Tissue Research, 2016, 365, 157-171.	2.9	19
21	3D Culture of MIN-6 Cells on Decellularized Pancreatic Scaffold: In Vitro and In Vivo Study. BioMed Research International, 2015, 2015, 1-8.	1.9	34
22	Controlling the blood glucose of type 1 diabetes mice by coâ€culturing <scp>MIN</scp>â€6 Î² cells on 3<scp>D</scp> scaffold. Pediatric Transplantation, 2015, 19, 371-379.	1.0	8
23	KIF2A overexpression and its association with clinicopathologic characteristics and unfavorable prognosis in colorectal cancer. Tumor Biology, 2015, 36, 8895-8902.	1.8	19
24	High ROR2 expression in tumor cells and stroma is correlated with poor prognosis in pancreatic ductal adenocarcinoma. Scientific Reports, 2015, 5, 12991.	3.3	45
25	Three-dimensional culture of mouse pancreatic islet on a liver-derived perfusion-decellularized bioscaffold for potential clinical application. Journal of Biomaterials Applications, 2015, 30, 379-387.	2.4	24
26	LAMP3 and TP53 overexpression predicts poor outcome in laryngeal squamous cell carcinoma. International Journal of Clinical and Experimental Pathology, 2015, 8, 5519-27.	0.5	17
27	MiR-200a inhibits epithelial-mesenchymal transition of pancreatic cancer stem cell. BMC Cancer, 2014, 14, 85.	2.6	73
28	Differentiation of iPSCs into insulin-producing cells via adenoviral transfection of PDX-1, NeuroD1 and MafA. Diabetes Research and Clinical Practice, 2014, 104, 383-392.	2.8	25
29	Knockdown of Oct4 and Nanog expression inhibits the stemness of pancreatic cancer cells. Cancer Letters, 2013, 340, 113-123.	7.2	129
30	Activated Kâ€Ras and INK4a/Arf deficiency promote aggressiveness of pancreatic cancer by induction of EMT consistent with cancer stem cell phenotype. Journal of Cellular Physiology, 2013, 228, 556-562.	4.1	40
31	Comparing the reprogramming efficiency of mouse embryonic fibroblasts, mouse bone marrow mesenchymal stem cells and bone marrow mononuclear cells to iPSCs. In Vitro Cellular and Developmental Biology - Animal, 2012, 48, 236-243.	1.5	5
32	Attenuation of multi-targeted proliferation-linked signaling by 3,3â€²-diindolylmethane (DIM): From bench to clinic. Mutation Research - Reviews in Mutation Research, 2011, 728, 47-66.	5.5	105
33	Downâ€regulation of Notchâ€1 is associated with Akt and FoxM1 in inducing cell growth inhibition and apoptosis in prostate cancer cells. Journal of Cellular Biochemistry, 2011, 112, 78-88.	2.6	81
34	Pancreatic cancer: understanding and overcoming chemoresistance. Nature Reviews Gastroenterology and Hepatology, 2011, 8, 27-33.	17.8	303
35	Activated K-ras and INK4a/Arf Deficiency Cooperate During the Development of Pancreatic Cancer by Activation of Notch and NF-ÎºB Signaling Pathways. PLoS ONE, 2011, 6, e20537.	2.5	43
36	The Role of Notch Signaling Pathway in Epithelial-Mesenchymal Transition (EMT) During Development and Tumor Aggressiveness. Current Drug Targets, 2010, 11, 745-751.	2.1	271

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37	Notch Signaling Proteins: Legitimate Targets for Cancer Therapy. Current Protein and Peptide Science, 2010, 11, 398-408.	1.4	65
38	Targeting miRNAs involved in cancer stem cell and EMT regulation: An emerging concept in overcoming drug resistance. Drug Resistance Updates, 2010, 13, 109-118.	14.4	313
39	FoxM1 is a Novel Target of a Natural Agent in Pancreatic Cancer. Pharmaceutical Research, 2010, 27, 1159-1168.	3.5	54
40	Emerging roles of PDGF-D signaling pathway in tumor development and progression. Biochimica Et Biophysica Acta: Reviews on Cancer, 2010, 1806, 122-130.	7.4	99
41	Targeting Notch signaling pathway to overcome drug resistance for cancer therapy. Biochimica Et Biophysica Acta: Reviews on Cancer, 2010, 1806, 258-267.	7.4	163
42	Downâ€‘regulation of Notchâ€‘1 and Jaggedâ€‘1 inhibits prostate cancer cell growth, migration and invasion, and induces apoptosis via inactivation of Akt, mTOR, and NFâ€‘ÎºB signaling pathways. Journal of Cellular Biochemistry, 2010, 109, 726-736.	2.6	174
43	Signaling Mechanism(S) of Reactive Oxygen Species in Epithelial-Mesenchymal Transition Reminiscent of Cancer Stem Cells in Tumor Progression. Current Stem Cell Research and Therapy, 2010, 5, 74-80.	1.3	101
44	Forkhead box M1 transcription factor: A novel target for cancer therapy. Cancer Treatment Reviews, 2010, 36, 151-156.	7.7	139
45	Cross-talk between miRNA and Notch signaling pathways in tumor development and progression. Cancer Letters, 2010, 292, 141-148.	7.2	128
46	TW-37, a Small-Molecule Inhibitor of Bcl-2, Inhibits Cell Growth and Induces Apoptosis in Pancreatic Cancer: Involvement of Notch-1 Signaling Pathway. Cancer Research, 2009, 69, 2757-2765.	0.9	78
47	Acquisition of Epithelial-Mesenchymal Transition Phenotype of Gemcitabine-Resistant Pancreatic Cancer Cells Is Linked with Activation of the Notch Signaling Pathway. Cancer Research, 2009, 69, 2400-2407.	0.9	576
48	Emerging role of Notch in stem cells and cancer. Cancer Letters, 2009, 279, 8-12.	7.2	226
49	PDGF-D Signaling: A Novel Target in Cancer Therapy. Current Drug Targets, 2009, 10, 38-41.	2.1	58
50	Synergistic effects of multiple natural products in pancreatic cancer cells. Life Sciences, 2008, 83, 293-300.	4.3	55
51	Regulation of Akt/FOXO3a/GSK-3Î²/AR Signaling Network by Isoflavone in Prostate Cancer Cells. Journal of Biological Chemistry, 2008, 283, 27707-27716.	3.4	109
52	Induction of growth arrest and apoptosis in human breast cancer cells by 3,3-diindolylmethane is associated with induction and nuclear localization of p27kip. Molecular Cancer Therapeutics, 2008, 7, 341-349.	4.1	45
53	Exploitation of the Notch signaling pathway as a novel target for cancer therapy. Anticancer Research, 2008, 28, 3621-30.	1.1	85
54	Down-regulation of Platelet-Derived Growth Factor-D Inhibits Cell Growth and Angiogenesis through Inactivation of Notch-1 and Nuclear Factor-ÎºB Signaling. Cancer Research, 2007, 67, 11377-11385.	0.9	108

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55	Down-regulation of Forkhead Box M1 Transcription Factor Leads to the Inhibition of Invasion and Angiogenesis of Pancreatic Cancer Cells. Cancer Research, 2007, 67, 8293-8300.	0.9	233
56	Reversal of Diabetes in Mice by Intrahepatic Injection of Boneâ€derived GFPâ€murine Mesenchymal Stem Cells Infected with the Recombinant Retrovirusâ€carrying Human Insulin Gene. World Journal of Surgery, 2007, 31, 1872-1882.	1.6	54
57	Down-regulation of Notch-1 contributes to cell growth inhibition and apoptosis in pancreatic cancer cells. Molecular Cancer Therapeutics, 2006, 5, 483-493.	4.1	294
58	Down-regulation of Notch-1 Inhibits Invasion by Inactivation of Nuclear Factor-ÎºB, Vascular Endothelial Growth Factor, and Matrix Metalloproteinase-9 in Pancreatic Cancer Cells. Cancer Research, 2006, 66, 2778-2784.	0.9	302