

Qiang Sun

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,448
citations

236925

25
h-index

223800

46
g-index

62
all docs

62
docs citations

62
times ranked

3190
citing authors

#	ARTICLE	IF	CITATIONS
1	Transforming growth factor- β -regulated miR-24 promotes skeletal muscle differentiation. <i>Nucleic Acids Research</i> , 2008, 36, 2690-2699.	14.5	247
2	Competition between human cells by entosis. <i>Cell Research</i> , 2014, 24, 1299-1310.	12.0	180
3	Cardiomyocyte overexpression of miR-27b induces cardiac hypertrophy and dysfunction in mice. <i>Cell Research</i> , 2012, 22, 516-527.	12.0	177
4	A non-genetic route to aneuploidy in human cancers. <i>Nature Cell Biology</i> , 2011, 13, 324-330.	10.3	147
5	Hydrogen-Rich Saline Protects Myocardium Against Ischemia/Reperfusion Injury in Rats. <i>Experimental Biology and Medicine</i> , 2009, 234, 1212-1219.	2.4	143
6	Induction of entosis by epithelial cadherin expression. <i>Cell Research</i> , 2014, 24, 1288-1298.	12.0	118
7	SARS-CoV-2 spike protein dictates syncytium-mediated lymphocyte elimination. <i>Cell Death and Differentiation</i> , 2021, 28, 2765-2777.	11.2	114
8	Functional screening for miRNAs targeting Smad4 identified miR-199a as a negative regulator of TGF- β 2 signalling pathway. <i>Nucleic Acids Research</i> , 2012, 40, 9286-9297.	14.5	76
9	Immune response in COVID-19: what is next?. <i>Cell Death and Differentiation</i> , 2022, 29, 1107-1122.	11.2	69
10	N501Y mutation imparts cross-species transmission of SARS-CoV-2 to mice by enhancing receptor binding. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 284.	17.1	65
11	SARS-CoV-2 Targets by the pscRNA Profiling of ACE2, TMPRSS2 and Furin Proteases. <i>IScience</i> , 2020, 23, 101744.	4.1	60
12	Hydrogen-Rich Saline Provides Protection Against Hyperoxic Lung Injury. <i>Journal of Surgical Research</i> , 2011, 165, e43-e49.	1.6	56
13	PTEN deficiency causes dyschondroplasia in mice by enhanced hypoxia-inducible factor 1 α signaling and endoplasmic reticulum stress. <i>Development (Cambridge)</i> , 2008, 135, 3587-3597.	2.5	50
14	Bimodular effects of D614G mutation on the spike glycoprotein of SARS-CoV-2 enhance protein processing, membrane fusion, and viral infectivity. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 268.	17.1	43
15	Impaired formation of homotypic cell-in-cell structures in human tumor cells lacking alpha-catenin expression. <i>Scientific Reports</i> , 2015, 5, 12223.	3.3	41
16	Detecting cell-in-cell structures in human tumor samples by E-cadherin/CD68/CD45 triple staining. <i>Oncotarget</i> , 2015, 6, 20278-20287.	1.8	41
17	SARS-CoV-2 N501Y variants of concern and their potential transmission by mouse. <i>Cell Death and Differentiation</i> , 2021, 28, 2840-2842.	11.2	40
18	Expression profiling reveals dysregulation of cellular cytoskeletal genes in HBx α -induced hepatocarcinogenesis. <i>Cancer Biology and Therapy</i> , 2007, 6, 668-674.	3.4	37

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19	p53-dependent elimination of aneuploid mitotic offspring by entosis. <i>Cell Death and Differentiation</i> , 2021, 28, 799-813.	11.2	37
20	In-cell infection: a novel pathway for Epstein-Barr virus infection mediated by cell-in-cell structures. <i>Cell Research</i> , 2015, 25, 785-800.	12.0	36
21	Subtype-Based Prognostic Analysis of Cell-in-Cell Structures in Early Breast Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 895.	2.8	35
22	Transmission and prevention of SARS-CoV-2. <i>Biochemical Society Transactions</i> , 2020, 48, 2307-2316.	3.4	35
23	Mechanical Ring Interfaces between Adherens Junction and Contractile Actomyosin to Coordinate Entotic Cell-in-Cell Formation. <i>Cell Reports</i> , 2020, 32, 108071.	6.4	34
24	CDKN2A inhibits formation of homotypic cell-in-cell structures. <i>Oncogenesis</i> , 2018, 7, 50.	4.9	30
25	Involvement of aberrant miR-139/Jun feedback loop in human gastric cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 481-488.	4.1	29
26	Expression profiling identified IL-8 as a regulator of homotypic cell-in-cell formation. <i>BMB Reports</i> , 2018, 51, 412-417.	2.4	29
27	PCDH7 Inhibits the Formation of Homotypic Cell-in-Cell Structure. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 329.	3.7	28
28	Osteoblastic molecular scaffold Gab1 is required for maintaining bone homeostasis. <i>Journal of Cell Science</i> , 2010, 123, 682-689.	2.0	26
29	High Frequency of Cell-in-Cell Formation in Heterogeneous Human Breast Cancer Tissue in a Patient With Poor Prognosis: A Case Report and Literature Review. <i>Frontiers in Oncology</i> , 2019, 9, 1444.	2.8	25
30	Identification and validation of heterotypic cell-in-cell structure as an adverse prognostic predictor for young patients of resectable pancreatic ductal adenocarcinoma. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 246.	17.1	25
31	Entosis. <i>Current Biology</i> , 2010, 20, R88-R89.	3.9	24
32	Cholesterol inhibits entotic cell-in-cell formation and actomyosin contraction. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1440-1446.	2.1	23
33	Cell-in-cell structures are involved in the competition between cells in human tumors. <i>Molecular and Cellular Oncology</i> , 2015, 2, e1002707.	0.7	21
34	The virological impacts of SARS-CoV-2 D614G mutation. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 712-720.	3.3	21
35	Senescence as a dictator of patient outcomes and therapeutic efficacies in human gastric cancer. <i>Cell Death Discovery</i> , 2022, 8, 13.	4.7	21
36	A fully human anti-CD47 blocking antibody with therapeutic potential for cancer. <i>Oncotarget</i> , 2016, 7, 83040-83050.	1.8	20

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37	Role of Heterotypic Neutrophil-in-Tumor Structure in the Prognosis of Patients With Buccal Mucosa Squamous Cell Carcinoma. <i>Frontiers in Oncology</i> , 2020, 10, 541878.	2.8	19
38	Thromboembolism after COVID-19 vaccine in patients with preexisting thrombocytopenia. <i>Cell Death and Disease</i> , 2021, 12, 762.	6.3	19
39	Methods for the Study of Entosis. <i>Methods in Molecular Biology</i> , 2013, 1004, 59-66.	0.9	17
40	Identification of Candidate Biomarkers for Hepatocellular Carcinoma Through Pre-Cancerous Expression Analysis in an HBx Transgenic Mouse. <i>Cancer Biology and Therapy</i> , 2007, 6, 1532-1538.	3.4	16
41	Fluorescence-Activated Cell Sorting Analysis of Heterotypic Cell-in-Cell Structures. <i>Scientific Reports</i> , 2015, 5, 9588.	3.3	16
42	Role and dynamics of vacuolar pH during cell-in-cell mediated death. <i>Cell Death and Disease</i> , 2021, 12, 119.	6.3	15
43	Recent advances in cancer immunotherapy. <i>Discover Oncology</i> , 2021, 12, 27.	2.1	14
44	Cell fusion in the pathogenesis of COVID-19. <i>Military Medical Research</i> , 2021, 8, 68.	3.4	14
45	Cell-in-cell structure mediates in-cell killing suppressed by CD44. <i>Cell Discovery</i> , 2022, 8, 35.	6.7	14
46	Anti-Apoptotic Effect of Hyperbaric Oxygen Preconditioning on a Rat Model of Myocardial Infarction. <i>Journal of Surgical Research</i> , 2011, 171, 41-46.	1.6	13
47	Implication of cell-in-cell structures in the transmission of HIV to epithelial cells. <i>Cell Research</i> , 2015, 25, 1265-1268.	12.0	13
48	Molecular mechanisms underlying cell-in-cell formation: core machineries and beyond. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 329-334.	3.3	13
49	Subtype-Based Analysis of Cell-in-Cell Structures in Esophageal Squamous Cell Carcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 670051.	2.8	13
50	Design, Synthesis, and Biological Evaluation of Axitinib Derivatives. <i>Molecules</i> , 2018, 23, 747.	3.8	8
51	Cell-in-cell: an emerging player in COVID-19 and immune disorders. , 2022, 1, 20220001.		8
52	Long-range enhancement of N501Y-endowed mouse infectivity of SARS-CoV-2 by the non-RBD mutations of Ins215KLRS and H655Y. <i>Biology Direct</i> , 2022, 17, .	4.6	8
53	Altered Gene Expression in Articular Chondrocytes of Smad3ex8/ex8 Mice, Revealed by Gene Profiling Using Microarrays. <i>Journal of Genetics and Genomics</i> , 2007, 34, 698-708.	3.9	7
54	Inhibition of HBV replication and gene expression in vitro and in vivo with a single AAV vector delivering two shRNA molecules. <i>BMB Reports</i> , 2009, 42, 59-64.	2.4	7

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55	Specific CD8+ TCR Repertoire Recognizing Conserved Antigens of SARS-CoV-2 in Unexposed Population: A Prerequisite for Broad-Spectrum CD8+ T Cell Immunity. <i>Vaccines</i> , 2021, 9, 1093.	4.4	6
56	Overexpression of mouse GlcNAc-1-phosphotransferase- β 3 subunit in cells induced an I-cell-like phenotype of mucopolidosis. <i>Gene</i> , 2005, 347, 55-64.	2.2	3
57	Novel Mechanisms of Increased Vulnerability to Ischemia/Reperfusion Injury in Diabetic Myocardium: Role of PTEN-Induced Putative Protein Kinase 1 (PINK1) Deficiency-Induced Mitophagy Impairment. <i>Medical Science Technology</i> , 0, 58, 73-76.	0.0	0