Dexian Zheng

List of Publications by Year
in descending order

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80 papers	10,134 citations	159585 30 h-index	69250 77 g-index
80 all docs	80 docs citations	80 times ranked	23735 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	A crucial role of angiotensin converting enzyme 2 (ACE2) in SARS coronavirusâ€“induced lung injury. Nature Medicine, 2005, 11, 875-879.	30.7	2,986
3	The lncRNA SNHG5/miRâ€32 axis regulates gastric cancer cell proliferation and migration by targeting KLF4. FASEB Journal, 2017, 31, 893-903.	0.5	158
4	Microwave-assisted Protein Preparation and Enzymatic Digestion in Proteomics. Molecular and Cellular Proteomics, 2006, 5, 769-776.	3.8	138
5	Human urine proteome analysis by three separation approaches. Proteomics, 2005, 5, 4994-5001.	2.2	134
6	Overexpression of Soluble TRAIL Induces Apoptosis in Human Lung Adenocarcinoma and Inhibits Growth of Tumor Xenografts in Nude Mice. Cancer Research, 2005, 65, 1687-1692.	0.9	116
7	The use of folate-PEG-grafted-hybranched-PEI nonviral vector for the inhibition of glioma growth in the rat. Biomaterials, 2009, 30, 4014-4020.	11.4	113
8	Concanavalin A-captured Glycoproteins in Healthy Human Urine. Molecular and Cellular Proteomics, 2006, 5, 560-562.	3.8	109
9	A double feedback loop mediated by microRNA-23a/27a/24-2 regulates M1 versus M2 macrophage polarization and thus regulates cancer progression. Oncotarget, 2016, 7, 13502-13519.	1.8	103
10	Dysregulated expression of miRâ€146a contributes to ageâ€related dysfunction of macrophages. Aging Cell, 2012, 11, 29-40.	6.7	95
11	Functions of miR-146a and miR-222 in Tumor-associated Macrophages in Breast Cancer. Scientific Reports, 2015, 5, 18648.	3.3	75
12	A Novel Anti-human DR5 Monoclonal Antibody with Tumoricidal Activity Induces Caspase-dependent and Caspase-independent Cell Death. Journal of Biological Chemistry, 2005, 280, 41940-41952.	3.4	71
13	Over-expression of CD3Îµ transgenes blocks T lymphocyte development. International Immunology, 1995, 7, 435-448.	4.0	51
14	TRAIL receptor mediates inflammatory cytokine release in an NF-ÎºB-dependent manner. Cell Research, 2009, 19, 758-767.	12.0	46
15	HIV Infection Enhances TRAIL-Induced Cell Death in Macrophage by Down-Regulating Decoy Receptor Expression and Generation of Reactive Oxygen Species. PLoS ONE, 2011, 6, e18291.	2.5	46
16	Tyrosine Phosphorylation of the CD3-Îµ Subunit of the T Cell Antigen Receptor Mediates Enhanced Association with Phosphatidylinositol 3-Kinase in Jurkat T Cells. Journal of Biological Chemistry, 1997, 272, 25310-25318.	3.4	45
17	Tumor necrosis factorâ€“related apoptosis-inducing ligand induces the expression of proinflammatory cytokines in macrophages and re-educates tumor-associated macrophages to an antitumor phenotype. Molecular Biology of the Cell, 2015, 26, 3178-3189.	2.1	44
18	AAV-mediated TRAIL gene expression driven by hTERT promoter suppressed human hepatocellular carcinoma growth in mice. Life Sciences, 2008, 82, 1154-1161.	4.3	41

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19	Expression of human soluble TRAIL in Chlamydomonas reinhardtii chloroplast. Science Bulletin, 2006, 51, 1703-1709.	1.7	40
20	Tumour necrosis factorâ€related apoptosisâ€inducing ligand (TRAIL)â€induced chemokine release in both TRAILâ€resistant and TRAILâ€sensitive cells via nuclear factor kappaâ€ƒB. FEBS Journal, 2009, 276, 581-593.	4.7	40
21	Oral adeno-associated virus-sTRAIL gene therapy suppresses human hepatocellular carcinoma growth in mice. Hepatology, 2005, 42, 1355-1363.	7.3	39
22	Synergistic antitumor effect of AAV-mediated TRAIL expression combined with cisplatin on head and neck squamous cell carcinoma. BMC Cancer, 2011, 11, 54.	2.6	39
23	<scp>TRAIL</scp>â€induced miRâ€146a expression suppresses <scp>CXCR</scp>4â€mediated human breast cancer migration. FEBS Journal, 2013, 280, 3340-3353.	4.7	39
24	Recombinant adeno-associated virus-mediated TRAIL gene therapy suppresses liver metastatic tumors. International Journal of Cancer, 2005, 116, 314-321.	5.1	38
25	GALNT5 uaRNA promotes gastric cancer progression through its interaction with HSP90. Oncogene, 2018, 37, 4505-4517.	5.9	36
26	Actinomycin D enhances TRAIL-induced caspase-dependent and -independent apoptosis in SH-SY5Y neuroblastoma cells. Neuroscience Research, 2007, 59, 40-46.	1.9	35
27	AMASS: Software for Automatically Validating the Quality of MS/MS Spectrum from SEQUEST Results. Molecular and Cellular Proteomics, 2004, 3, 1194-1199.	3.8	33
28	Dynamic urinary proteomic analysis reveals stable proteins to be potential biomarkers. Proteomics - Clinical Applications, 2009, 3, 370-382.	1.6	32
29	PKCÎ´ protects human breast tumor MCF-7 cells against tumor necrosis factor-related apoptosis-inducing ligand-mediated apoptosis. Journal of Cellular Biochemistry, 2005, 96, 522-532.	2.6	31
30	Transcriptome Identified lncRNAs Associated with Renal Fibrosis in UUO Rat Model. Frontiers in Physiology, 2017, 8, 658.	2.8	31
31	Human T-Cell Leukemia Virus Type 1 Tax-Deregulated Autophagy Pathway and c-FLIP Expression Contribute to Resistance against Death Receptor-Mediated Apoptosis. Journal of Virology, 2014, 88, 2786-2798.	3.4	30
32	Combination of AAV-TRAIL with miR-221-Zip Therapeutic Strategy Overcomes the Resistance to TRAIL Induced Apoptosis in Liver Cancer. Theranostics, 2017, 7, 3228-3242.	10.0	30
33	An update on gene therapy in China. Current Opinion in Molecular Therapeutics, 2009, 11, 547-53.	2.8	29
34	Tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL) induces chemotactic migration of monocytes via a death receptor 4-mediated RhoGTPase pathway. Molecular Immunology, 2010, 47, 2475-2484.	2.2	25
35	TRAIL suppresses tumor growth in mice by inducing tumor-infiltrating CD4+CD25+ Treg apoptosis. Cancer Immunology, Immunotherapy, 2013, 62, 653-663.	4.2	25
36	TRAIL: A Potential Agent for Cancer Therapy. Current Molecular Medicine, 2003, 3, 727-736.	1.3	24

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37	Therapeutic Expression of an Anti-Death Receptor 5 Single-Chain Fixed-Variable Region Prevents Tumor Growth in Mice. Cancer Research, 2006, 66, 11946-11953.	0.9	23
38	A novel anti-DR5 antibody-drug conjugate possesses a high-potential therapeutic efficacy for leukemia and solid tumors. Theranostics, 2019, 9, 5412-5423.	10.0	23
39	Tax1 enhances cancer cell proliferation via Rasâ€“Rafâ€“MEKâ€“ERK signaling pathway. IUBMB Life, 2009, 61, 685-692.	3.4	22
40	<scp>TRAIL</scp> receptor deficiency sensitizes mice to dextran sodium sulphateâ€induced colitis and colitisâ€associated carcinogenesis. Immunology, 2014, 141, 211-221.	4.4	22
41	RIP1 modulates death receptor mediated apoptosis and autophagy in macrophages. Molecular Oncology, 2015, 9, 806-817.	4.6	22
42	An agonistic monoclonal antibody against DR5 induces ROS production, sustained JNK activation and Endo G release in Jurkat leukemia cells. Cell Research, 2009, 19, 984-995.	12.0	20
43	Natural Immunity Enhances the Activity of a DR5 Agonistic Antibody and Carboplatin in the Treatment of Ovarian Cancer. Molecular Cancer Therapeutics, 2010, 9, 1007-1018.	4.1	20
44	2A Peptide-based, Lentivirus-mediated Anti-death Receptor 5 Chimeric Antibody Expression Prevents Tumor Growth in Nude Mice. Molecular Therapy, 2012, 20, 46-53.	8.2	20
45	Mmu-miR-125b overexpression suppresses NO production in activated macrophages by targeting eEF2K and CCNA2. BMC Cancer, 2016, 16, 252.	2.6	19
46	Comparative Proteome Analysis of Breast Cancer and Normal Breast. Molecular Biotechnology, 2005, 29, 233-244.	2.4	18
47	An Integrated Machine Learning System to Computationally Screen Protein Databases for Protein Binding Peptide Ligands. Molecular and Cellular Proteomics, 2006, 5, 1224-1232.	3.8	17
48	Alpha 1â€antichymotrypsin/SerpinA3 is a novel target of orphan nuclear receptor Nur77. FEBS Journal, 2008, 275, 1025-1038.	4.7	17
49	Dysregulated expression of miR-101b and miR-26b lead to age-associated increase in LPS-induced COX-2 expression in murine macrophage. Age, 2015, 37, 97.	3.0	16
50	Molecular Therapeutics of HBV. Current Gene Therapy, 2003, 3, 341-355.	2.0	16
51	Death receptor 5â€recruited raft components contributes to the sensitivity of Jurkat leukemia cell lines to TRAILâ€induced cell death. IUBMB Life, 2009, 61, 261-267.	3.4	15
52	Sp1 is involved in 8-chloro-adenosine-upregulated death receptor 5 expression in human hepatoma cells. Oncology Reports, 2008, 19, 177-85.	2.6	15
53	Erbin-regulated Sensitivity of MCF-7 Breast Cancer Cells to TRAIL via ErbB2/AKT/NF-ÂB Pathway. Journal of Biochemistry, 2007, 143, 793-801.	1.7	14
54	Formyl peptide receptor-like 1 mediated endogenous TRAIL gene expression with tumoricidal activity. Molecular Cancer Therapeutics, 2007, 6, 2618-2625.	4.1	13

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55	Internalization and half-life of membrane-bound macrophage colony-stimulating factor. Science Bulletin, 2000, 45, 1697-1703.	1.7	12
56	Epirubicin potentiates recombinant adenoâ€associated virus type 2/5â€“mediated TRAIL expression in fibroblastâ€like synoviocytes and augments the antiarthritic effects of rAAV2/5â€TRAIL. Arthritis and Rheumatism, 2012, 64, 1345-1354.	6.7	12
57	Adeno-associated virus-mediated anti-DR5 chimeric antibody expression suppresses human tumor growth in nude mice. Cancer Letters, 2011, 302, 119-127.	7.2	11
58	A novel humanized antiâ€tumor necrosis factorâ€related apoptosisâ€inducing ligandâ€R2 monoclonal antibody induces apoptotic and autophagic cell death. IUBMB Life, 2017, 69, 735-744.	3.4	10
59	Antibody gene therapy: an attractive approach for the treatment of cancers and other chronic diseases. Cell Research, 2007, 17, 303-306.	12.0	9
60	Knockdown of câ€FLIP_L enhanced AD5â€10 antiâ€death receptor 5 monoclonal antibodyâ€induced apoptosis in human lung cancer cells. Cancer Science, 2009, 100, 940-947.	3.9	9
61	A Systematical Analysis of Tryptic Peptide Identification with Reverse Phase Liquid Chromatography and Electrospray Ion Trap Mass Spectrometry. Genomics, Proteomics and Bioinformatics, 2004, 2, 174-183.	6.9	8
62	A novel antiâ€DR5 chimeric antibody and epirubicin synergistically suppress tumor growth. IUBMB Life, 2012, 64, 757-765.	3.4	8
63	Comparative Proteome Analysis of Splenic Lymphocytes in Senescence-Accelerated Mice. Gerontology, 2009, 55, 559-569.	2.8	6
64	Nucleic Acids in Protein Samples Interfere with Phosphopeptide Identification by Immobilized-Metal-Ion Affinity Chromatography and Mass Spectrometry. Molecular Biotechnology, 2009, 43, 59-66.	2.4	6
65	Targeting a Novel N-terminal Epitope of Death Receptor 5 Triggers Tumor Cell Death*. Journal of Biological Chemistry, 2010, 285, 8953-8966.	3.4	6
66	Preclinical evaluation of a novel antibody-drug conjugate targeting DR5 for lymphoblastic leukemia therapy. Molecular Therapy - Oncolytics, 2021, 21, 329-339.	4.4	6
67	8-Chloro-adenosine sensitizes a human hepatoma cell line to TRAIL-induced apoptosis by caspase-dependent and -independent pathways. Oncology Reports, 2004, 12, 193-9.	2.6	6
68	v-Fos transformation effector binds with CD2 cytoplasmic tail. Science Bulletin, 2006, 51, 38-47.	1.7	5
69	Analysis of the ligand-binding domain of macrophage colony-stimulating receptor. Science Bulletin, 2000, 45, 1191-1195.	1.7	4
70	Recombinant sTRAIL induces cell death of tumor cell lines as well as primary cancer cells. Science Bulletin, 1999, 44, 1306-1309.	1.7	3
71	PRMT5 suppresses DR4-mediated CCL20 release via NF-ÎºB pathway. Science Bulletin, 2012, 57, 4351-4355.	1.7	3
72	T lymphocyte apoptosis induced by CD8Îµ chimera. Science Bulletin, 1997, 42, 222-227.	1.7	2

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73	Z-ajoene induces tumor cells to die by apoptosis. Science Bulletin, 1998, 43, 1135-1140.	1.7	2
74	Modulating multidrug resistance through inhibiting of protein kinase C activity by phenothiazines. Science Bulletin, 1998, 43, 1196-1200.	1.7	2
75	PI3K/Akt signaling pathway involved in regulation of T lymphocyte activation and apoptosis mediated by CD3Îµ. Science Bulletin, 2001, 46, 568-570.	1.7	2
76	Two tyrosines in CD3s-ITAM are required to induce T lymphocyte apoptosis. Science Bulletin, 1998, 43, 1480-1485.	1.7	1
77	Cloning and identification of a novel binding protein of CD2 cytoplasmic domain. Science Bulletin, 2000, 45, 2263-2267.	1.7	1
78	Mitogenic Effect of Polyclonal Anti-Porcine Lymphocyte E-Receptor Antiserum IgG. Immunological Investigations, 1987, 16, 363-370.	2.0	0
79	8-chloroadenosine induces apoptosis in human MOLT-4 cell line. Science Bulletin, 1997, 42, 592-597.	1.7	0
80	A highlight of recent advances in immunology. Science China Life Sciences, 2011, 54, 1151-1152.	4.9	0