Zhixiang Wang

List of Publications by Year
in descending order

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Version: 2024-02-01

91 papers	4,718 citations	147801 31 h-index	102487 66 g-index
94 all docs	94 docs citations	94 times ranked	7579 citing authors

#	Article	IF	Citations
1	Cidofovir, a choice for salvage treatment of cytomegalovirus infection in patients with haploidentical hematopoietic stem cell transplantation. Transplant Infectious Disease, 2022, 24, .	1.7	2
2	A phase 2 study of sorafenib combined with conventional therapies in refractory central nervous system leukemia. Cancer, 2022, , .	4.1	5
3	Regulation of the nuclear speckle localization and function of Rac1. FASEB Journal, 2021, 35, e21235.	0.5	2
4	Drug Resistance and Novel Therapies in Cancers in 2019. Cancers, 2021, 13, 924.	3.7	2
5	Inhibition of EZH2 by chidamide exerts antileukemia activity and increases chemosensitivity through Smo/Gli-1 pathway in acute myeloid leukemia. Journal of Translational Medicine, 2021, 19, 117.	4.4	7
6	Comparison of Two Strategies for Prophylactic Donor Lymphocyte Infusion in Patients With Refractory/Relapsed Acute Leukemia. Frontiers in Oncology, 2021, 11, 554503.	2.8	8
7	Metagenomic next-generation sequencing for identifying pathogens in central nervous system complications after allogeneic hematopoietic stem cell transplantation. Bone Marrow Transplantation, 2021, 56, 1978-1983.	2.4	14
8	Upfront transplantation may have better outcomes than pretransplant cytoreductive therapy for treating patients with <scp>MDSâ€EB</scp>â€1 or <scp>MDSâ€EB</scp>â€2. International Journal of Cancer, 2021, 149, 1109-1120.	5.1	6
9	Trastuzumab Mechanism of Action; 20 Years of Research to Unravel a Dilemma. Cancers, 2021, 13, 3540.	3.7	50
10	Epigenetic Silencing of HER2 Expression during Epithelial-Mesenchymal Transition Leads to Trastuzumab Resistance in Breast Cancer. Life, 2021, 11, 868.	2.4	6
11	Regulation of Cell Cycle Progression by Growth Factor-Induced Cell Signaling. Cells, 2021, 10, 3327.	4.1	76
12	IKZF1deletions Coupled with CD20 Expression Represents a Novel High-Risk Subtype in Adult B-Cell Progenitor Acute Lymphoblastic Leukemia. Blood, 2021, 138, 4474-4474.	1.4	0
13	Differential Subcellular Distribution and Translocation of Seven 14-3-3 Isoforms in Response to EGF and During the Cell Cycle. International Journal of Molecular Sciences, 2020, 21, 318.	4.1	18
14	Angioregulatory microRNAs in Colorectal Cancer. Cancers, 2020, 12, 71.	3.7	31
15	Ultrasound-assisted magnetic nanoparticle-based gene delivery. PLoS ONE, 2020, 15, e0239633.	2.5	2
16	Sorafenib maintenance in patients with FLT3-ITD acute myeloid leukaemia undergoing allogeneic haematopoietic stem-cell transplantation: an open-label, multicentre, randomised phase 3 trial. Lancet Oncology, The, 2020, 21, 1201-1212.	10.7	209
17	Drug Resistance and Novel Therapies in Cancers. Cancers, 2020, 12, 2929.	3.7	2
18	Early T-Cell Precursor Leukemia Has a Higher Risk of Induction-Related Infection among T-Cell Acute Lymphoblastic Leukemia in Adult. Mediators of Inflammation, 2020, 2020, 1-10.	3.0	8

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19	Prophylactic Donor Lymphocyte Infusion Based on Two Different Time for Preventing Relapse in Advanced Acute Leukemia Undergoing Allo-HSCT: Comparison of Two Independent Prospective Cohorts. Blood, 2020, 136, 7-8.	1.4	0
20	Combination of Homoharringtonine with Venetoclax and Azacitidine Excerts Better Treatment Response in Relapsed /Refractory Acute Myeloid Leukemia. Blood, 2020, 136, 26-27.	1.4	4
21	MicroRNAâ€'144 targets APP to regulate AML1/ETO+ leukemia cell migration via the pâ€'ERK/câ€'Myc/MMPâ€'2 pathway. Oncology Letters, 2019, 18, 2034-2042.	1.8	9
22	Suppressing Hedgehog signaling reverses drug resistance of refractory acute myeloid leukemia . OncoTargets and Therapy, 2019, Volume 12, 7477-7488.	2.0	12
23	Rac1 S71 Mediates the Interaction between Rac1 and 14-3-3 Proteins. Cells, 2019, 8, 1006.	4.1	12
24	The Effects of Pertuzumab and Its Combination with Trastuzumab on HER2 Homodimerization and Phosphorylation. Cancers, 2019, 11, 375.	3.7	18
25	The Efficacy and Safety of Cidofovir in Salvage Therapy for CMV Infection in the Patients with Haploid Hematopoietic Stem Cell Transplantation. Blood, 2019, 134, 5659-5659.	1.4	0
26	Amyloid precursor protein has clinical and prognostic significance in AML1â€'ETOâ€'positive acute myeloid leukemia. Oncology Letters, 2018, 15, 917-925.	1.8	7
27	Polyethylenimine-coated iron oxide magnetic nanoparticles for high efficient gene delivery. Applied Nanoscience (Switzerland), 2018, 8, 811-821.	3.1	18
28	Regulation of EGFR Endocytosis by CBL During Mitosis. Cells, 2018, 7, 257.	4.1	16
29	Post-Translational Modification and Subcellular Distribution of Rac1: An Update. Cells, 2018, 7, 263.	4.1	47
30	Mechanisms Underlying the Action and Synergism of Trastuzumab and Pertuzumab in Targeting HER2-Positive Breast Cancer. Cancers, 2018, 10, 342.	3.7	109
31	The effects of trastuzumab on HER2-mediated cell signaling in CHO cells expressing human HER2. BMC Cancer, 2018, 18, 238.	2.6	33
32	Genetics and Expression Profile of the Tubulin Gene Superfamily in Breast Cancer Subtypes and Its Relation to Taxane Resistance. Cancers, 2018, 10, 274.	3.7	83
33	An In Vitro Kinase Assay to Assess Rac1 Phosphorylation by ERK. Methods in Molecular Biology, 2018, 1821, 131-140.	0.9	1
34	A potential anticancer ability of 1,2-di(quinazolin-4-yl)diselane against gastric cancer cells through ROS signaling pathway. Medicinal Chemistry Research, 2017, 26, 841-848.	2.4	4
35	Two-Pulse Endosomal Stimulation of Receptor Tyrosine Kinases Induces Cell Proliferation. Methods in Molecular Biology, 2017, 1652, 127-133.	0.9	1
36	ErbB Receptors and Cancer. Methods in Molecular Biology, 2017, 1652, 3-35.	0.9	283

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37	Study of EGFR Signaling/Endocytosis by Site-Directed Mutagenesis. Methods in Molecular Biology, 2017, 1652, 135-143.	0.9	0
38	Cell Cycle Synchronization of HeLa Cells to Assay EGFR Pathway Activation. Methods in Molecular Biology, 2017, 1652, 167-181.	0.9	12
39	Application of Immunofluorescence Staining to Study ErbB Family of Receptor Tyrosine Kinases. Methods in Molecular Biology, 2017, 1652, 109-116.	0.9	3
40	Activation of Endosome-Associated Inert EGF Receptor Following Internalization. Methods in Molecular Biology, 2017, 1652, 117-126.	0.9	1
41	Dimerization Assessment of Epithelial Growth Factor Family of Receptor Tyrosine Kinases by Using Cross-Linking Reagent. Methods in Molecular Biology, 2017, 1652, 101-108.	0.9	3
42	Analysis of Epidermal Growth Factor Receptor-Induced Cell Motility by Wound Healing Assay. Methods in Molecular Biology, 2017, 1652, 159-163.	0.9	6
43	Live Imaging to Study Microtubule Dynamic Instability in Taxane-resistant Breast Cancers. Journal of Visualized Experiments, 2017, , .	0.3	2
44	Interaction between Rho GTPases and 14-3-3 Proteins. International Journal of Molecular Sciences, 2017, 18, 2148.	4.1	29
45	HER2 in Breast Cancer Stemness: A Negative Feedback Loop towards Trastuzumab Resistance. Cancers, 2017, 9, 40.	3.7	60
46	Epidermal Growth Factor Receptor Cell Proliferation Signaling Pathways. Cancers, 2017, 9, 52.	3.7	1,153
47	MicroRNA-31 Function as a Suppressor Was Regulated by Epigenetic Mechanisms in Gastric Cancer. BioMed Research International, 2017, 2017, 1-11.	1.9	20
48	Sensitivity of docetaxel-resistant MCF-7 breast cancer cells to microtubule-destabilizing agents including vinca alkaloids and colchicine-site binding agents. PLoS ONE, 2017, 12, e0182400.	2.5	19
49	Gli-1/PI3K/AKT/NF-kB pathway mediates resistance to radiation and is a target for reversion of responses in refractory acute myeloid leukemia cells. Oncotarget, 2016, 7, 33004-33015.	1.8	59
50	Transactivation of Epidermal Growth Factor Receptor by G Protein-Coupled Receptors: Recent Progress, Challenges and Future Research. International Journal of Molecular Sciences, 2016, 17, 95.	4.1	99
51	Non-Ligand-Induced Dimerization is Sufficient to Initiate the Signalling and Endocytosis of EGF Receptor. International Journal of Molecular Sciences, 2016, 17, 1200.	4.1	9
52	Phosphorylation and Activation of RhoA by ERK in Response to Epidermal Growth Factor Stimulation. PLoS ONE, 2016, 11, e0147103.	2.5	40
53	Amyloid precursor protein cooperates with c-KIT mutation/overexpression to regulate cell apoptosis in AML1-ETO-positive leukemia via the PI3K/AKT signaling pathway. Oncology Reports, 2016, 36, 1626-1632.	2.6	12
54	Higher EZH2 expression is associated with extramedullary infiltration in acute myeloid leukemia. Tumor Biology, 2016, 37, 11409-11420.	1.8	10

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55	The chloride intracellular channel 5A stimulates podocyte Rac1, protecting against hypertension-induced glomerular injury. Kidney International, 2016, 89, 833-847.	5.2	18
56	The Relationship between Clinical Feature, Complex Immunophenotype, Chromosome Karyotype, and Outcome of Patients with Acute Myeloid Leukemia in China. Disease Markers, 2015, 2015, 1-10.	1.3	120
57	Palliative chemotherapy followed by methylation inhibitor in high-risk acute myeloid leukemia: An in vitro and clinical study. Molecular and Clinical Oncology, 2015, 3, 1139-1144.	1.0	2
58	Personalized medicine for HER2-positive breast cancer. Breast Cancer Management, 2015, 4, 237-240.	0.2	2
59	EGF stimulates the activation of EGF receptors and the selective activation of major signaling pathways during mitosis. Cellular Signalling, 2015, 27, 638-651.	3.6	38
60	Dimerization drives EGF receptor endocytosis through two sets of compatible endocytic codes. Journal of Cell Science, 2015, 128, 935-50.	2.0	21
61	The hypomethylating agent decitabine prior to chemotherapy improves the therapy efficacy in refractory/relapsed acute myeloid leukemia patients. Oncotarget, 2015, 6, 33612-33622.	1.8	26
62	The Hypomethylating Agent Decitabine Prior to Chemotherapy Improves the Therapy Efficacy in Refractory/Relapsed Acute Myeloid Leukemia Patients. Blood, 2015, 126, 4932-4932.	1.4	0
63	APP Gene Involves in the Regulation of Cell Apoptosis in AML1-ETO-Positive Leukemia Via SCF/c-Kit Signaling Pathway. Blood, 2015, 126, 3647-3647.	1.4	0
64	Identification of Novel Molecular Markers for Prognosis Estimation of Acute Myeloid Leukemia: Over-Expression of PDCD7, FIS1 and Ang2 May Indicate Poor Prognosis in Pretreatment Patients with Acute Myeloid Leukemia. PLoS ONE, 2014, 9, e84150.	2.5	33
65	Multiple mechanisms underlying acquired resistance to taxanes in selected docetaxel-resistant MCF-7 breast cancer cells. BMC Cancer, 2014, 14, 37.	2.6	58
66	Hh/IGF-1R/PI3K/Akt/MRP1 Pathway Induce Refractory Acute Myeloid Leukemia and Its Targeting Therpy. Blood, 2014, 124, 3612-3612.	1.4	7
67	The EGF receptor is activated during mitosis and its cell signaling is mediated differently than in interphase (802.13). FASEB Journal, 2014, 28, 802.13.	0.5	0
68	Decitabine Act As Demethylation Modulators in Acute Myeloid Leukemia for Reversal of Drug Resistance. Blood, 2014, 124, 5218-5218.	1.4	0
69	APP Gene Is Correlated with C-KIT Mutations and Indicates Poor Disease Outcome in AML1-ETO-Positive Acute Myeloid Leukemia. Blood, 2014, 124, 942-942.	1.4	0
70	Phosphorylation of Rac1 T108 by Extracellular Signal-Regulated Kinase in Response to Epidermal Growth Factor: a Novel Mechanism To Regulate Rac1 Function. Molecular and Cellular Biology, 2013, 33, 4538-4551.	2.3	46
71	Molecular Mechanism Of Regulation Of Extramedullary Infiltration In AML1/ETO Positive Acute Myeloid Leukemia By APP/ERK/MMP-2. Blood, 2013, 122, 3769-3769.	1.4	0
72	Differential Regulation of Transcription Factors by Location-Specific EGF Receptor Signaling via a Spatio-Temporal Interplay of ERK Activation. PLoS ONE, 2012, 7, e41354.	2.5	32

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73	Regulation of EGFâ€Stimulated EGF Receptor Endocytosis During M Phase. Traffic, 2011, 12, 201-217.	2.7	27
74	Dimerization drives PDGF receptor endocytosis through a C-terminal hydrophobic motif shared by EGF receptor. Experimental Cell Research, 2010, 316, 2237-2250.	2.6	20
75	PLC-Î³1 and Rac1 Coregulate EGF-Induced Cytoskeleton Remodeling and Cell Migration. Molecular Endocrinology, 2009, 23, 901-913.	3.7	68
76	A Tale of Two Cbls: Interplay of c-Cbl and Cbl-b in Epidermal Growth Factor Receptor Downregulation. Molecular and Cellular Biology, 2008, 28, 3020-3037.	2.3	78
77	Identification of EGF receptor C-terminal sequences 1005â€“1017 and di-leucine motif 1010LL1011 as essential in EGF receptor endocytosis. Experimental Cell Research, 2007, 313, 3349-3363.	2.6	42
78	Akt Binds to and Phosphorylates Phospholipase C-Î³1 in Response to Epidermal Growth Factor. Molecular Biology of the Cell, 2006, 17, 2267-2277.	2.1	58
79	Control of epidermal growth factor receptor endocytosis by receptor dimerization, rather than receptor kinase activation. EMBO Reports, 2005, 6, 942-948.	4.5	129
80	Platelet-derived Growth Factor Receptor-mediated Signal Transduction from Endosomes. Journal of Biological Chemistry, 2004, 279, 8038-8046.	3.4	123
81	Stimulation of Cell Proliferation by Endosomal Epidermal Growth Factor Receptor As Revealed through Two Distinct Phases of Signaling. Molecular and Cellular Biology, 2003, 23, 5803-5815.	2.3	93
82	Internalization of Inactive EGF Receptor into Endosomes and the Subsequent Activation of Endosome-Associated EGF Receptors. Science Signaling, 2002, 2002, pl17-pl17.	3.6	27
83	Endosomal Signaling of Epidermal Growth Factor Receptor Stimulates Signal Transduction Pathways Leading to Cell Survival. Molecular and Cellular Biology, 2002, 22, 7279-7290.	2.3	253
84	Phospholipase C-Â1: A Phospholipase and Guanine Nucleotide Exchange Factor. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2002, 2, 352-355.	3.4	12
85	Regulation of epidermal growth factor receptor endocytosis by wortmannin through activation of Rab5 rather than inhibition of phosphatidylinositol 3â€kinase. EMBO Reports, 2001, 2, 842-849.	4.5	46
86	Grb2 and Shc Adapter Proteins Play Distinct Roles in Neu (ErbB-2)-Induced Mammary Tumorigenesis: Implications for Human Breast Cancer. Molecular and Cellular Biology, 2001, 21, 1540-1551.	2.3	147
87	Enhanced Drug Resistance in Cells Coexpressing ErbB2 with EGF Receptor or ErbB3. Biochemical and Biophysical Research Communications, 2000, 277, 757-763.	2.1	131
88	Endocytosis Deficiency of Epidermal Growth Factor (EGF) Receptorâ€“ErbB2 Heterodimers in Response to EGF Stimulation. Molecular Biology of the Cell, 1999, 10, 1621-1636.	2.1	170
89	The Mode of Action of Taxol: Apoptosis at Low Concentration and Necrosis at High Concentration. Biochemical and Biophysical Research Communications, 1999, 263, 398-404.	2.1	144
90	Requirement for Phospholipase C-Î³1 Enzymatic Activity in Growth Factor-Induced Mitogenesis. Molecular and Cellular Biology, 1998, 18, 590-597.	2.3	98

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91	Mutual Regulation of Receptor-Mediated Cell Signalling and Endocytosis: EGF Receptor System as an Example. , 0, , .		3