

Juping Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

3,316
citations

147801

31
h-index

149698

56
g-index

66
all docs

66
docs citations

66
times ranked

4444
citing authors

#	ARTICLE	IF	CITATIONS
1	Polo-like kinases and oncogenesis. <i>Oncogene</i> , 2005, 24, 267-276.	5.9	363
2	Inhibition of Polo-like Kinase 1 by Blocking Polo-Box Domain-Dependent Protein-Protein Interactions. <i>Chemistry and Biology</i> , 2008, 15, 459-466.	6.0	225
3	Cyclin B1 depletion inhibits proliferation and induces apoptosis in human tumor cells. <i>Oncogene</i> , 2004, 23, 5843-5852.	5.9	178
4	The Multifaceted p21 (Cip1/Waf1/CDKN1A) in Cell Differentiation, Migration and Cancer Therapy. <i>Cancers</i> , 2019, 11, 1220.	3.7	166
5	Cooperative phosphorylation including the activity of polo-like kinase 1 regulates the subcellular localization of cyclin B1. <i>Oncogene</i> , 2002, 21, 8282-8292.	5.9	112
6	Stable gene silencing of cyclin B1 in tumor cells increases susceptibility to taxol and leads to growth arrest in vivo. <i>Oncogene</i> , 2006, 25, 1753-1762.	5.9	111
7	Insight into the development of obesity: functional alterations of adipose-derived mesenchymal stem cells. <i>Obesity Reviews</i> , 2018, 19, 888-904.	6.5	103
8	Obesity and COVID-19: Molecular Mechanisms Linking Both Pandemics. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5793.	4.1	101
9	Polo-like kinase, a novel marker for cellular proliferation. <i>American Journal of Pathology</i> , 1997, 150, 1165-72.	3.8	100
10	Targeting cyclin B1 inhibits proliferation and sensitizes breast cancer cells to taxol. <i>BMC Cancer</i> , 2008, 8, 391.	2.6	97
11	A lesson for cancer research: placental microarray gene analysis in preeclampsia. <i>Oncotarget</i> , 2012, 3, 759-773.	1.8	92
12	Less understood issues: p21Cip1 in mitosis and its therapeutic potential. <i>Oncogene</i> , 2015, 34, 1758-1767.	5.9	90
13	Expression of p16 and lack of pRB in primary small cell lung cancer. <i>Journal of Pathology</i> , 1999, 189, 358-362.	4.5	80
14	Down-regulation of Polo-like Kinase 1 Elevates Drug Sensitivity of Breast Cancer Cells In vitro and In vivo. <i>Cancer Research</i> , 2006, 66, 5836-5846.	0.9	79
15	Polo-Box Domain Inhibitor Poloxin Activates the Spindle Assembly Checkpoint and Inhibits Tumor Growth in Vivo. <i>American Journal of Pathology</i> , 2011, 179, 2091-2099.	3.8	78
16	Toxicity modelling of Plk1-targeted therapies in genetically engineered mice and cultured primary mammalian cells. <i>Nature Communications</i> , 2011, 2, 395.	12.8	76
17	A Pan-specific Inhibitor of the Polo-Box Domains of Polo-like Kinases Arrests Cancer Cells in Mitosis. <i>ChemBioChem</i> , 2009, 10, 1145-1148.	2.6	71
18	Mitotic centromere-associated kinesin (MCAK): a potential cancer drug target. <i>Oncotarget</i> , 2011, 2, 935-947.	1.8	66

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19	Characterization of adipose-derived stem cells from subcutaneous and visceral adipose tissues and their function in breast cancer cells. <i>Oncotarget</i> , 2015, 6, 34475-34493.	1.8	65
20	Activation of Protein Kinase D by Signaling through the β Subunit of the Heterotrimeric G Protein Gq. <i>Journal of Biological Chemistry</i> , 2000, 275, 2157-2164.	3.4	58
21	A Message from the Human Placenta: Structural and Immunomodulatory Defense against SARS-CoV-2. <i>Cells</i> , 2020, 9, 1777.	4.1	56
22	Long-term downregulation of Polo-like kinase 1 increases the cyclin-dependent kinase inhibitor p21 ^{WAF1/CIP1} . <i>Cell Cycle</i> , 2009, 8, 460-472.	2.6	54
23	Functional and Spatial Regulation of Mitotic Centromere-Associated Kinesin by Cyclin-Dependent Kinase 1. <i>Molecular and Cellular Biology</i> , 2010, 30, 2594-2607.	2.3	51
24	Restoration of the tumor suppressor p53 by downregulating cyclin B1 in human papillomavirus 16/18-infected cancer cells. <i>Oncogene</i> , 2010, 29, 5591-5603.	5.9	50
25	Primary Cilia Are Dysfunctional in Obese Adipose-Derived Mesenchymal Stem Cells. <i>Stem Cell Reports</i> , 2018, 10, 583-599.	4.8	48
26	Efficient internalization of the polo-box of polo-like kinase 1 fused to an Antennapedia peptide results in inhibition of cancer cell proliferation. <i>Cancer Research</i> , 2002, 62, 4186-90.	0.9	46
27	p21 ^{Waf1/Cip1} deficiency causes multiple mitotic defects in tumor cells. <i>Oncogene</i> , 2014, 33, 5716-5728.	5.9	42
28	B-cell lymphoma 6 promotes proliferation and survival of trophoblastic cells. <i>Cell Cycle</i> , 2016, 15, 827-839.	2.6	36
29	Molecular insight into the regulation and function of MCAK. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2016, 51, 228-245.	5.2	36
30	Subcutaneous and Visceral Adipose-Derived Mesenchymal Stem Cells: Commonality and Diversity. <i>Cells</i> , 2019, 8, 1288.	4.1	36
31	Δ p53 is not directly relevant to the response of Polo-like kinase 1 inhibitors. <i>Cell Cycle</i> , 2012, 11, 543-553.	2.6	33
32	Function of Survivin in Trophoblastic Cells of the Placenta. <i>PLoS ONE</i> , 2013, 8, e73337.	2.5	32
33	Mitotic p21 ^{Cip1/CDKN1A} is regulated by cyclin-dependent kinase 1 phosphorylation. <i>Oncotarget</i> , 2016, 7, 50215-50228.	1.8	32
34	Battle of the eternal rivals: restoring functional p53 and inhibiting Polo-like kinase 1 as cancer therapy. <i>Oncotarget</i> , 2013, 4, 958-971.	1.8	32
35	Polo-like kinase 1 regulates the stability of the mitotic centromere-associated kinesin in mitosis. <i>Oncotarget</i> , 2014, 5, 3130-3144.	1.8	31
36	Polo-like kinase 1 inhibitors, mitotic stress and the tumor suppressor p53. <i>Cell Cycle</i> , 2013, 12, 1340-1351.	2.6	29

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37	Targeted gene analysis: increased B-cell lymphoma 6 in preeclamptic placentas. <i>Human Pathology</i> , 2014, 45, 1234-1242.	2.0	29
38	Functional analysis of phosphorylation of the mitotic centromere-associated kinesin by Aurora B kinase in human tumor cells. <i>Cell Cycle</i> , 2015, 14, 3755-3767.	2.6	29
39	Loss of p21Cip1/CDKN1A renders cancer cells susceptible to Polo-like kinase 1 inhibition. <i>Oncotarget</i> , 2015, 6, 6611-6626.	1.8	27
40	Deficiency of RITA results in multiple mitotic defects by affecting microtubule dynamics. <i>Oncogene</i> , 2017, 36, 2146-2159.	5.9	25
41	Deficient primary cilia in obese adipose-derived mesenchymal stem cells: obesity, a secondary ciliopathy?. <i>Obesity Reviews</i> , 2018, 19, 1317-1328.	6.5	24
42	Restoration of primary cilia in obese adipose-derived mesenchymal stem cells by inhibiting Aurora A or extracellular signal-regulated kinase. <i>Stem Cell Research and Therapy</i> , 2019, 10, 255.	5.5	24
43	Primary Cilia in Trophoblastic Cells. <i>Hypertension</i> , 2020, 76, 1491-1505.	2.7	24
44	Function of p21 (Cip1/Waf1/CDKN1A) in Migration and Invasion of Cancer and Trophoblastic Cells. <i>Cancers</i> , 2019, 11, 989.	3.7	23
45	The activity regulation of the mitotic centromere-associated kinesin by Polo-like kinase 1. <i>Oncotarget</i> , 2015, 6, 6641-6655.	1.8	20
46	Mitotic Centromere-Associated Kinesin (MCAK/KIF2C) Regulates Cell Migration and Invasion by Modulating Microtubule Dynamics and Focal Adhesion Turnover. <i>Cancers</i> , 2021, 13, 5673.	3.7	20
47	Glycerophosphorylcholine phosphocholine phosphodiesterase activity in cultured oligodendrocytes, astrocytes, and central nervous tissue of dysmyelinating rodent mutants. <i>Journal of Neuroscience Research</i> , 1992, 31, 68-74.	2.9	14
48	Impact of Polo-like kinase 1 inhibitors on human adipose tissue-derived mesenchymal stem cells. <i>Oncotarget</i> , 2016, 7, 84271-84285.	1.8	14
49	RITA modulates cell migration and invasion by affecting focal adhesion dynamics. <i>Molecular Oncology</i> , 2019, 13, 2121-2141.	4.6	12
50	Involvement of the oncogene B-cell lymphoma 6 in the fusion and differentiation process of trophoblastic cells of the placenta. <i>Oncotarget</i> , 2017, 8, 108643-108654.	1.8	8
51	<i>BCL6</i> , a key oncogene, in the placenta, pre-eclampsia and endometriosis. <i>Human Reproduction Update</i> , 2022, 28, 890-909.	10.8	8
52	Prostaglandin E2 Labour Induction with Intravaginal (Misoprostol) versus Intracervical (Prepidil) Administration at Term: Randomized Study of Maternal and Neonatal Outcome and Patient's Perception Using the Osgood Semantic Differential Scales. <i>BioMed Research International</i> , 2014, 2014, 1-6.	1.9	7
53	Prognostic impact of RITA expression in patients with anal squamous cell carcinoma treated with chemoradiotherapy. <i>Radiotherapy and Oncology</i> , 2018, 126, 214-221.	0.6	7
54	Human placental mesenchymal stromal cells are ciliated and their ciliation is compromised in preeclampsia. <i>BMC Medicine</i> , 2022, 20, 35.	5.5	7

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55	Evaluation of exposure level of N-methyl- $\hat{1}^2$ -carboline-3-carboxamide (FG 7142), an anxiogenic agent in humans. <i>Environmental Pollution</i> , 1996, 94, 267-271.	7.5	6
56	The Function of Oncogene B-Cell Lymphoma 6 in the Regulation of the Migration and Invasion of Trophoblastic Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8393.	4.1	6
57	Functional Analysis of p21Cip1/CDKN1A and Its Family Members in Trophoblastic Cells of the Placenta and Its Roles in Preeclampsia. <i>Cells</i> , 2021, 10, 2214.	4.1	6
58	N-Methyl- $\hat{1}^2$ -carboline-3-carboxamide (FG 7142), an anxiogenic agent in airborne particles and cigarette smoke-polluted indoor air. <i>Environmental Pollution</i> , 1995, 90, 349-355.	7.5	5
59	Clinical Study: Change in Outlook Towards Birth After a Midwife Led Antenatal Education Programme Versus Hypnoreflexogenous Self-Hypnosis Training for Childbirth. <i>Geburtshilfe Und Frauenheilkunde</i> , 2015, 75, 1161-1166.	1.8	5
60	Germ Cell Tumors Overexpress the Candidate Therapeutic target Cyclin B1 Independently of p53 function. <i>International Journal of Biological Markers</i> , 2015, 30, 275-281.	1.8	3
61	Potential involvement of RITA in the activation of Aurora A at spindle poles during mitosis. <i>Oncogene</i> , 2019, 38, 4199-4214.	5.9	3
62	RITA Is Expressed in Trophoblastic Cells and Is Involved in Differentiation Processes of the Placenta. <i>Cells</i> , 2019, 8, 1484.	4.1	3
63	Targeting the G2/M Transition for Antitumor Therapy. <i>Letters in Drug Design and Discovery</i> , 2005, 2, 274-281.	0.7	2
64	The role of p21Cip1/CDKN1A in trophoblastic cells and preeclampsia. , 2018, 78, .		0
65	Functional analysis of RITA in trophoblastic cell fusion and preeclampsia. , 2018, 78, .		0