

Tannishtha Reya

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

24,068
citations

76196

40
h-index

133063

59
g-index

66
all docs

66
docs citations

66
times ranked

30452
citing authors

#	ARTICLE	IF	CITATIONS
1	Stem cells, cancer, and cancer stem cells. <i>Nature</i> , 2001, 414, 105-111.	13.7	8,665
2	Wnt signalling in stem cells and cancer. <i>Nature</i> , 2005, 434, 843-850.	13.7	3,334
3	Wnt proteins are lipid-modified and can act as stem cell growth factors. <i>Nature</i> , 2003, 423, 448-452.	13.7	2,006
4	A role for Wnt signalling in self-renewal of haematopoietic stem cells. <i>Nature</i> , 2003, 423, 409-414.	13.7	1,981
5	Glucose feeds the TCA cycle via circulating lactate. <i>Nature</i> , 2017, 551, 115-118.	13.7	1,112
6	Hedgehog signalling is essential for maintenance of cancer stem cells in myeloid leukaemia. <i>Nature</i> , 2009, 458, 776-779.	13.7	801
7	Integration of Notch and Wnt signaling in hematopoietic stem cell maintenance. <i>Nature Immunology</i> , 2005, 6, 314-322.	7.0	712
8	Loss of β -Catenin Impairs the Renewal of Normal and CML Stem Cells In Vivo. <i>Cancer Cell</i> , 2007, 12, 528-541.	7.7	569
9	Stem cell fate in cancer growth, progression and therapy resistance. <i>Nature Reviews Cancer</i> , 2018, 18, 669-680.	12.8	458
10	Itraconazole, a Commonly Used Antifungal that Inhibits Hedgehog Pathway Activity and Cancer Growth. <i>Cancer Cell</i> , 2010, 17, 388-399.	7.7	454
11	Wnt Signaling Regulates B Lymphocyte Proliferation through a LEF-1 Dependent Mechanism. <i>Immunity</i> , 2000, 13, 15-24.	6.6	394
12	Regulation of myeloid leukaemia by the cell-fate determinant Musashi. <i>Nature</i> , 2010, 466, 765-768.	13.7	315
13	Targeting LIF-mediated paracrine interaction for pancreatic cancer therapy and monitoring. <i>Nature</i> , 2019, 569, 131-135.	13.7	287
14	Imaging Hematopoietic Precursor Division in Real Time. <i>Cell Stem Cell</i> , 2007, 1, 541-554.	5.2	257
15	Pleiotrophin regulates the expansion and regeneration of hematopoietic stem cells. <i>Nature Medicine</i> , 2010, 16, 475-482.	15.2	252
16	Glycogen Synthase Kinase 3α and 3β Mediate a Glucose-Sensitive Antiapoptotic Signaling Pathway To Stabilize Mcl-1. <i>Molecular and Cellular Biology</i> , 2007, 27, 4328-4339.	1.1	177
17	Identification of Adiponectin as a Novel Hemopoietic Stem Cell Growth Factor. <i>Journal of Immunology</i> , 2007, 178, 3511-3520.	0.4	165
18	Image-based detection and targeting of therapy resistance in pancreatic adenocarcinoma. <i>Nature</i> , 2016, 534, 407-411.	13.7	114

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19	Epigenetic and Transcriptomic Profiling of Mammary Gland Development and Tumor Models Disclose Regulators of Cell State Plasticity. <i>Cancer Cell</i> , 2018, 34, 466-482.e6.	7.7	111
20	A Multiscale Map of the Stem Cell State in Pancreatic Adenocarcinoma. <i>Cell</i> , 2019, 177, 572-586.e22.	13.5	107
21	Wnt signaling in the stem cell niche. <i>Current Opinion in Hematology</i> , 2004, 11, 88-94.	1.2	101
22	Ubiquitin-conjugating enzyme Ubc13 controls breast cancer metastasis through a TAK1-p38 MAP kinase cascade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13870-13875.	3.3	99
23	Lis1 regulates asymmetric division in hematopoietic stem cells and in leukemia. <i>Nature Genetics</i> , 2014, 46, 245-252.	9.4	97
24	Stress-Activated NRF2-MDM2 Cascade Controls Neoplastic Progression in Pancreas. <i>Cancer Cell</i> , 2017, 32, 824-839.e8.	7.7	97
25	Regulation of Hematopoietic Stem Cell Self-Renewal. <i>Endocrine Reviews</i> , 2003, 58, 283-295.	7.1	97
26	Frizzled 9 knock-out mice have abnormal B-cell development. <i>Blood</i> , 2005, 105, 2487-2494.	0.6	95
27	Musashi Signaling in Stem Cells and Cancer. <i>Annual Review of Cell and Developmental Biology</i> , 2015, 31, 249-267.	4.0	92
28	CD98-Mediated Adhesive Signaling Enables the Establishment and Propagation of Acute Myelogenous Leukemia. <i>Cancer Cell</i> , 2016, 30, 792-805.	7.7	86
29	Inhibition of Apoptosome Formation by Suppression of Hsp90 α Phosphorylation in Tyrosine Kinase-Induced Leukemias. <i>Molecular and Cellular Biology</i> , 2008, 28, 5494-5506.	1.1	80
30	GLI2 inhibition abrogates human leukemia stem cell dormancy. <i>Journal of Translational Medicine</i> , 2015, 13, 98.	1.8	80
31	Lymphoid precursors. <i>Current Opinion in Immunology</i> , 2000, 12, 144-150.	2.4	76
32	Transcriptional regulation of B-cell differentiation. <i>Current Opinion in Immunology</i> , 1998, 10, 158-165.	2.4	70
33	Loss of β -catenin triggers oxidative stress and impairs hematopoietic regeneration. <i>Genes and Development</i> , 2014, 28, 995-1004.	2.7	69
34	Stem cells in cancer initiation and progression. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	69
35	Calmodulin-dependent Protein Kinase IV Regulates Hematopoietic Stem Cell Maintenance. <i>Journal of Biological Chemistry</i> , 2005, 280, 33101-33108.	1.6	68
36	Tetraspanin 3 Is Required for the Development and Propagation of Acute Myelogenous Leukemia. <i>Cell Stem Cell</i> , 2015, 17, 152-164.	5.2	58

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37	Î2-Arrestin2 mediates the initiation and progression of myeloid leukemia. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12532-12537.	3.3	53
38	Fearful Symmetry: Subversion of Asymmetric Division in Cancer Development and Progression. Cancer Research, 2015, 75, 792-797.	0.4	51
39	The Role of the Microenvironment and Immune System in Regulating Stem Cell Fate in Cancer. Trends in Cancer, 2021, 7, 624-634.	3.8	51
40	Activation of Wnt Signaling in Hematopoietic Regeneration. Stem Cells, 2008, 26, 1202-1210.	1.4	47
41	Mechanisms of Intestinal Epithelial Cell Injury and Colitis in Interleukin 2 (IL2)-Deficient Mice. Cellular Immunology, 1998, 187, 52-66.	1.4	41
42	An in vivo genome-wide CRISPR screen identifies the RNA-binding protein Staufen2 as a key regulator of myeloid leukemia. Nature Cancer, 2020, 1, 410-422.	5.7	37
43	Genomic and Epigenomic Landscaping Defines New Therapeutic Targets for Adenosquamous Carcinoma of the Pancreas. Cancer Research, 2020, 80, 4324-4334.	0.4	36
44	High-resolution imaging and computational analysis of haematopoietic cell dynamics in vivo. Nature Communications, 2016, 7, 12169.	5.8	27
45	The elements of stem cell self-renewal: a genetic perspective. BioTechniques, 2003, 35, 1240-1247.	0.8	18
46	Thymic Stromal-Cell Abnormalities and Dysregulated T-Cell Development in IL-2-Deficient Mice. Autoimmunity, 1998, 5, 287-302.	0.6	16
47	Divide and conquer: how asymmetric division shapes cell fate in the hematopoietic system. Current Opinion in Immunology, 2008, 20, 302-307.	2.4	16
48	aSIRting Control over Cancer Stem Cells. Cancer Cell, 2012, 21, 140-142.	7.7	12
49	Human Blast Crisis Leukemia Stem Cell Inhibition with a Novel Smoothed Antagonist.. Blood, 2010, 116, 1223-1223.	0.6	10
50	AMD1 is required for the maintenance of leukemic stem cells and promotes chronic myeloid leukemic growth. Oncogene, 2021, 40, 603-617.	2.6	9
51	A stem cell reporter based platform to identify and target drug resistant stem cells in myeloid leukemia. Nature Communications, 2020, 11, 5998.	5.8	8
52	lluminating Immune Privilege â€” A Role for Regulatory T Cells in Preventing Rejection. New England Journal of Medicine, 2011, 365, 956-957.	13.9	6
53	Engineering a BCR-ABLâ€”activated caspase for the selective elimination of leukemic cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2300-2305.	3.3	5
54	MARCH Proteins Mediate Responses to Antitumor Antibodies. Journal of Immunology, 2020, 205, 2883-2892.	0.4	5

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55	Cycling Toward Leukemia Stem Cell Elimination With a Selective Sonic Hedgehog Antagonist,. Blood, 2011, 118, 3776-3776.	0.6	5
56	Stem cells, cancer, and cancer stem cells. , 0, .		3
57	Hematopoietic Stem Cells and Regeneration. Cold Spring Harbor Perspectives in Biology, 2022, 14, a040774.	2.3	3
58	Delayed onset of symptoms through feedback interference in chronic cancers. Convergent Science Physical Oncology, 2016, 2, 045002.	2.6	2
59	An In Vivo Genome-Wide CRISPR Screen Identifies Novel Dependencies for Blast Crisis Chronic Myelogenous Leukemia. Blood, 2018, 132, 1727-1727.	0.6	1
60	Identification of Novel Regulators of Hematopoietic Stem Cell Mobilization.. Blood, 2005, 106, 1724-1724.	0.6	0
61	Imaging Asymmetric Division in Stem Cells and Cancer.. Blood, 2008, 112, sci-42-sci-42.	0.6	0
62	Facilitation of Hematopoietic Reconstitution Via Inhibition of Bone Marrow Endothelial Cell-Mediated SDF-1 Signaling.. Blood, 2010, 116, 3859-3859.	0.6	0