

Akiko Takahashi

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,622
citations

393982

19
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

4050
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomes maintain cellular homeostasis by excreting harmful DNA from cells. <i>Nature Communications</i> , 2017, 8, 15287.	5.8	554
2	Mitogenic signalling and the p16INK4a-Rb pathway cooperate to enforce irreversible cellular senescence. <i>Nature Cell Biology</i> , 2006, 8, 1291-1297.	4.6	439
3	Small extracellular vesicles secreted from senescent cells promote cancer cell proliferation through EphA2. <i>Nature Communications</i> , 2017, 8, 15729.	5.8	262
4	Downregulation of cytoplasmic DNases is implicated in cytoplasmic DNA accumulation and SASP in senescent cells. <i>Nature Communications</i> , 2018, 9, 1249.	5.8	215
5	DNA Damage Signaling Triggers Degradation of Histone Methyltransferases through APC/CCdh1 in Senescent Cells. <i>Molecular Cell</i> , 2012, 45, 123-131.	4.5	159
6	Real-time in vivo imaging of p16Ink4a reveals cross talk with p53. <i>Journal of Cell Biology</i> , 2009, 186, 393-407.	2.3	135
7	Cellular senescence and senescence-associated secretory phenotype via the cGAS-STING signaling pathway in cancer. <i>Cancer Science</i> , 2020, 111, 304-311.	1.7	117
8	Intrinsic Cooperation between p16INK4a and p21Waf1/Cip1 in the Onset of Cellular Senescence and Tumor Suppression <i>In vivo</i> . <i>Cancer Research</i> , 2010, 70, 9381-9390.	0.4	107
9	Gut bacteria identified in colorectal cancer patients promote tumourigenesis via butyrate secretion. <i>Nature Communications</i> , 2021, 12, 5674.	5.8	95
10	Crosstalk between the Rb Pathway and AKT Signaling Forms a Quiescence-Senescence Switch. <i>Cell Reports</i> , 2014, 7, 194-207.	2.9	79
11	Reduction of total E2F/DP activity induces senescence-like cell cycle arrest in cancer cells lacking functional pRB and p53. <i>Journal of Cell Biology</i> , 2005, 168, 553-560.	2.3	72
12	Visualizing the dynamics of p21 ^{Waf1/Cip1} cyclin-dependent kinase inhibitor expression in living animals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15034-15039.	3.3	65
13	Ablation of the p16INK4a tumour suppressor reverses ageing phenotypes of klotho mice. <i>Nature Communications</i> , 2015, 6, 7035.	5.8	64
14	Inflammation-driven senescence-associated secretory phenotype in cancer-associated fibroblasts enhances peritoneal dissemination. <i>Cell Reports</i> , 2021, 34, 108779.	2.9	64
15	DNA Damage Regulates Senescence-Associated Extracellular Vesicle Release via the Ceramide Pathway to Prevent Excessive Inflammatory Responses. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3720.	1.8	45
16	Pericentromeric noncoding RNA changes DNA binding of CTCF and inflammatory gene expression in senescence and cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	38
17	Biology of extracellular vesicles secreted from senescent cells as senescence-associated secretory phenotype factors. <i>Geriatrics and Gerontology International</i> , 2020, 20, 539-546.	0.7	37
18	Senescence-associated extracellular vesicle release plays a role in senescence-associated secretory phenotype (SASP) in age-associated diseases. <i>Journal of Biochemistry</i> , 2021, 169, 147-153.	0.9	29

#	ARTICLE	IF	CITATIONS
19	Cancer-Specific Targeting of Taurine-Upregulated Gene 1 Enhances the Effects of Chemotherapy in Pancreatic Cancer. <i>Cancer Research</i> , 2021, 81, 1654-1666.	0.4	22
20	Hepatocyte growth factor derived from senescent cells attenuates cell competition-induced apical elimination of oncogenic cells. <i>Nature Communications</i> , 2022, 13, .	5.8	12
21	Telomere Maintenance and the cGAS-STING Pathway in Cancer. <i>Cells</i> , 2022, 11, 1958.	1.8	2
22	Pericentromeric repetitive ncRNA regulates chromatin interaction and inflammatory gene expression. <i>Nucleus</i> , 2022, 13, 74-78.	0.6	1
23	The function of small extracellular vesicles secreted from senescent cells. <i>Drug Delivery System</i> , 2021, 36, 130-137.	0.0	0