Masashi Narita

List of Publications by Year
in descending order

86 papers	22,910 citations	70961 41 h-index	60497 81 g-index
111 all docs	111 docs citations	111 times ranked	35167 citing authors

#	Article	IF	Citations
1	p53 in senescence â€“ it's a marathon, not a sprint. FEBS Journal, 2023, 290, 1212-1220.	2.2	21
2	A role for CUX1 in the regulation of p16 and senescence. Nature Aging, 2022, 2, 100-101.	5.3	1
3	Locus-specific induction of gene expression from heterochromatin loci during cellular senescence. Nature Aging, 2022, 2, 31-45.	5.3	12
4	Senescence-induced endothelial phenotypes underpin immune-mediated senescence surveillance. Genes and Development, 2022, 36, 533-549.	2.7	14
5	Autophagy at the intersection of aging, senescence, and cancer. Molecular Oncology, 2022, 16, 3259-3275.	2.1	23
6	COX2 regulates senescence secretome composition and senescence surveillance through PGE2. Cell Reports, 2021, 34, 108860.	2.9	39
7	Putting the DOT on IL1A. Journal of Cell Biology, 2021, 220, .	2.3	2
8	Autophagy and senescence, converging roles in pathophysiology as seen through mouse models. Advances in Cancer Research, 2021, 150, 113-145.	1.9	10
9	Neuron typeâ€specific increase in lamin B1 contributes to nuclear dysfunction in Huntingtonâ€™s disease. EMBO Molecular Medicine, 2021, 13, e12105.	3.3	28
10	Dynamic modulation of autophagy: implications for aging and cancer. Molecular and Cellular Oncology, 2020, 7, 1754723.	0.3	2
11	Transcription-dependent cohesin repositioning rewires chromatin loops in cellular senescence. Nature Communications, 2020, 11, 6049.	5.8	42
12	Epigenetic priming by Dppa2 and 4 in pluripotency facilitates multi-lineage commitment. Nature Structural and Molecular Biology, 2020, 27, 696-705.	3.6	41
13	Temporal inhibition of autophagy reveals segmental reversal of ageing with increased cancer risk. Nature Communications, 2020, 11, 307.	5.8	62
14	Cellular Senescence: Defining a Path Forward. Cell, 2019, 179, 813-827.	13.5	1,551
15	Short-term gain, long-term pain: the senescence life cycle and cancer. Genes and Development, 2019, 33, 127-143.	2.7	64
16	Crisis management by autophagy. Nature Structural and Molecular Biology, 2019, 26, 151-152.	3.6	1
17	ILâ€1Î± cleavage by inflammatory caspases of the noncanonical inflammasome controls the senescenceâ€associated secretory phenotype. Aging Cell, 2019, 18, e12946.	3.0	77
18	The Power Behind the Throne: Senescence and the Hallmarks of Cancer. Annual Review of Cancer Biology, 2018, 2, 175-194.	2.3	21

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19	A novel <i>Atg5</i>-shRNA mouse model enables temporal control of Autophagy <i>in vivo</i>. Autophagy, 2018, 14, 1256-1266.	4.3	35
20	Notch and Senescence. Advances in Experimental Medicine and Biology, 2018, 1066, 299-318.	0.8	14
21	NOTCH-mediated non-cell autonomous regulation of chromatin structure during senescence. Nature Communications, 2018, 9, 1840.	5.8	57
22	Multiple expression cassette exchange via <scp>TP</scp>901â€1, R4, and Bxb1 integrase systems on a mouse artificial chromosome. FEBS Open Bio, 2017, 7, 306-317.	1.0	7
23	Spatial and Temporal Control of Senescence. Trends in Cell Biology, 2017, 27, 820-832.	3.6	127
24	NOTCH and the 2 SASPs of senescence. Cell Cycle, 2017, 16, 239-240.	1.3	14
25	Autophagy Detection During Oncogene-Induced Senescence Using Fluorescence Microscopy. Methods in Molecular Biology, 2017, 1534, 89-98.	0.4	5
26	A â€˜synthetic-sicknessâ€™ screen for senescence re-engagement targets in mutant cancer backgrounds. PLoS Genetics, 2017, 13, e1006942.	1.5	9
27	Old cells, new tricks: chromatin structure in senescence. Mammalian Genome, 2016, 27, 320-331.	1.0	40
28	NOTCH1 mediates a switch between two distinct secretomes during senescence. Nature Cell Biology, 2016, 18, 979-992.	4.6	365
29	G-quadruplex structures mark human regulatory chromatin. Nature Genetics, 2016, 48, 1267-1272.	9.4	683
30	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
31	Quantitation and Identification of Thousands of Human Proteoforms below 30 kDa. Journal of Proteome Research, 2016, 15, 976-982.	1.8	89
32	Metabolomic changes during cellular transformation monitored by metaboliteâ€“metabolite correlation analysis and correlated with gene expression. Metabolomics, 2015, 11, 1848-1863.	1.4	14
33	Retinoblastoma protein promotes oxidative phosphorylation through upregulation of glycolytic genes in oncogeneâ€induced senescent cells. Aging Cell, 2015, 14, 689-697.	3.0	53
34	The expanding territories of condensin II. Cell Cycle, 2015, 14, 2723-2724.	1.3	3
35	Identification of a Selective G1-Phase Benzimidazolone Inhibitor by a Senescence-Targeted Virtual Screen Using Artificial Neural Networks. Neoplasia, 2015, 17, 704-715.	2.3	18
36	Phenotype Specific Analyses Reveal Distinct Regulatory Mechanism for Chronically Activated p53. PLoS Genetics, 2015, 11, e1005053.	1.5	47

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37	GATA get a hold on senescence. Science, 2015, 349, 1448-1449.	6.0	12
38	Translating the effects of mTOR on secretory senescence. Nature Cell Biology, 2015, 17, 1230-1232.	4.6	25
39	Improving Literature-Based Discovery with Advanced Text Mining. Lecture Notes in Computer Science, 2015, , 89-98.	1.0	4
40	Cell-based screen for altered nuclear phenotypes reveals senescence progression in polyploid cells after Aurora kinase B inhibition. Molecular Biology of the Cell, 2015, 26, 2971-2985.	0.9	42
41	Abstract SY10-01: Chromatin structure change and aberrant gene expression during senescence. , 2015, , .		0
42	Abstract SY10-04: Histone tail alterations in cellular senescence. , 2015, , .		0
43	Normalization of metabolomics data with applications to correlation maps. Bioinformatics, 2014, 30, 2155-2161.	1.8	51
44	Cellular senescence and its effector programs. Genes and Development, 2014, 28, 99-114.	2.7	658
45	Histone H3.3 and its proteolytically processed form drive a cellular senescence programme. Nature Communications, 2014, 5, 5210.	5.8	119
46	Inside and out: the activities of senescence in cancer. Nature Reviews Cancer, 2014, 14, 547-558.	12.8	394
47	Transmitting senescence to the cell neighbourhood. Nature Cell Biology, 2013, 15, 887-889.	4.6	90
48	Cell Senescence as Both a Dynamic and a Static Phenotype. Methods in Molecular Biology, 2013, 965, 1-13.	0.4	37
49	Redistribution of the Lamin B1 genomic binding profile affects rearrangement of heterochromatic domains and SAHF formation during senescence. Genes and Development, 2013, 27, 1800-1808.	2.7	259
50	High-order chromatin structure and the epigenome in SAHFs. Nucleus, 2013, 4, 23-28.	0.6	49
51	Abstract SY02-03: Chromatin architecture and gene regulation in oncogene-induced senescence.. , 2013, , .		0
52	Rags connect mTOR and autophagy. Small GTPases, 2012, 3, 111-114.	0.7	8
53	Quantitative assessment of higherâ€order chromatin structure of the <i>INK4/ARF</i> locus in human senescent cells. Aging Cell, 2012, 11, 553-556.	3.0	34
54	Independence of Repressive Histone Marks and Chromatin Compaction during Senescent Heterochromatic Layer Formation. Molecular Cell, 2012, 47, 203-214.	4.5	258

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55	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
56	Cancer cell senescence: a new frontier in drug development. Drug Discovery Today, 2012, 17, 269-276.	3.2	49
57	Impact of cellular senescence signature on ageing research. Ageing Research Reviews, 2011, 10, 146-152.	5.0	233
58	Psoriasis Risk Genes of the Late Cornified Envelope-3 Group Are Distinctly Expressed Compared with Genes of Other LCE Groups. American Journal of Pathology, 2011, 178, 1470-1477.	1.9	90
59	Spatial Coupling of mTOR and Autophagy Augments Secretory Phenotypes. Science, 2011, 332, 966-970.	6.0	469
60	The tumor suppressor ING1 contributes to epigenetic control of cellular senescence. Aging Cell, 2011, 10, 158-171.	3.0	32
61	Autophagy in cancer: Having your cake and eating it. Seminars in Cancer Biology, 2011, 21, 397-404.	4.3	38
62	Spatio-temporal association between mTOR and autophagy during cellular senescence. Autophagy, 2011, 7, 1387-1388.	4.3	33
63	<i>HMGA2</i> Overexpression-Induced Ovarian Surface Epithelial Transformation Is Mediated Through Regulation of EMT Genes. Cancer Research, 2011, 71, 349-359.	0.4	132
64	NG2 expression in glioblastoma identifies an actively proliferating population with an aggressive molecular signature. Neuro-Oncology, 2011, 13, 830-845.	0.6	60
65	Dissecting the Unique Role of the Retinoblastoma Tumor Suppressor during Cellular Senescence. Cancer Cell, 2010, 17, 376-387.	7.7	323
66	Connecting autophagy to senescence in pathophysiology. Current Opinion in Cell Biology, 2010, 22, 234-240.	2.6	72
67	Quality and quantity control of proteins in senescence. Aging, 2010, 2, 311-314.	1.4	16
68	Autophagy facilitates oncogene-induced senescence. Autophagy, 2009, 5, 1046-1047.	4.3	67
69	<i>Letâ€7</i> repression leads to HMGA2 overexpression in uterine leiomyosarcoma. Journal of Cellular and Molecular Medicine, 2009, 13, 3898-3905.	1.6	34
70	SASP reflects senescence. EMBO Reports, 2009, 10, 228-230.	2.0	164
71	Autophagy mediates the mitotic senescence transition. Genes and Development, 2009, 23, 798-803.	2.7	883
72	Oncogenes and senescence: breaking down in the fast lane. Genes and Development, 2007, 21, 1-5.	2.7	49

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73	Oncogenic HMGA2: short or small?. Genes and Development, 2007, 21, 1005-1009.	2.7	88
74	A Novel Role for High-Mobility Group A Proteins in Cellular Senescence and Heterochromatin Formation. Cell, 2006, 126, 503-514.	13.5	529
75	Senescence comes of age. Nature Medicine, 2005, 11, 920-922.	15.2	147
76	p400 Is Required for E1A to Promote Apoptosis. Journal of Biological Chemistry, 2005, 280, 21915-21923.	1.6	48
77	Executing Cell Senescence. Cell Cycle, 2004, 3, 242-244.	1.3	26
78	Reversal of human cellular senescence: roles of the p53 and p16 pathways. EMBO Journal, 2003, 22, 4212-4222.	3.5	1,131
79	Rb-Mediated Heterochromatin Formation and Silencing of E2F Target Genes during Cellular Senescence. Cell, 2003, 113, 703-716.	13.5	1,991
80	14-3-3 Interacts Directly with and Negatively Regulates Pro-apoptotic Bax. Journal of Biological Chemistry, 2003, 278, 2058-2065.	1.6	307
81	Direct coupling of the cell cycle and cell death machinery by E2F. Nature Cell Biology, 2002, 4, 859-864.	4.6	394
82	Bcl-2 family proteins regulate the release of apoptogenic cytochrome c by the mitochondrial channel VDAC. Nature, 1999, 399, 483-487.	13.7	2,018
83	Independent Prognostic Factors in Breast Cancer Patients. American Journal of Surgery, 1998, 175, 73-75.	0.9	18
84	A case of microangiopathic hemolytic anemia associated with breast cancer: Improvement with chemoendocrine therapy. Breast Cancer, 1997, 4, 39-42.	1.3	6
85	A Case of Lactic Acidosis from Vitamin B1 Deficiency during Total Parenteral Nutrition.. Japanese Journal of Gastroenterological Surgery, 1997, 30, 97-101.	0.0	1
86	A Case Report of Celiac Axis Compression Syndrome Combined with Gastric Cancer. Diagnosis by Doppler Ultrasonography.. Japanese Journal of Gastroenterological Surgery, 1994, 27, 2578-2582.	0.0	0