# Masashi Narita

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 4.3 | 4,701 |
| 2 | Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544. | 4.3 | 3,122 |
| 3 | 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 |
| 4 | Rb-Mediated Heterochromatin Formation and Silencing of E2F Target Genes during Cellular Senescence. Cell, 2003, 113, 703-716. | 13.5 | 1,991 |
| 5 | Cellular Senescence: Defining a Path Forward. Cell, 2019, 179, 813-827. | 13.5 | 1,551 |
| 6 | Reversal of human cellular senescence: roles of the p53 and p16 pathways. EMBO Journal, 2003, 22, 4212-4222. | 3.5 | 1,131 |
| 7 | Autophagy mediates the mitotic senescence transition. Genes and Development, 2009, 23, 798-803. | 2.7 | 883 |
| 8 | G-quadruplex structures mark human regulatory chromatin. Nature Genetics, 2016, 48, 1267-1272. | 9.4 | 683 |
| 9 | Cellular senescence and its effector programs. Genes and Development, 2014, 28, 99-114. | 2.7 | 658 |
| 10 | A Novel Role for High-Mobility Group A Proteins in Cellular Senescence and Heterochromatin Formation. Cell, 2006, 126, 503-514. | 13.5 | 529 |
| 11 | Spatial Coupling of mTOR and Autophagy Augments Secretory Phenotypes. Science, 2011, 332, 966-970. | 6.0 | 469 |
| 12 | Direct coupling of the cell cycle and cell death machinery by E2F. Nature Cell Biology, 2002, 4, 859-864. | 4.6 | 394 |
| 13 | Inside and out: the activities of senescence in cancer. Nature Reviews Cancer, 2014, 14, 547-558. | 12.8 | 394 |
| 14 | NOTCH1 mediates a switch between two distinct secretomes during senescence. Nature Cell Biology, 2016, 18, 979-992. | 4.6 | 365 |
| 15 | Dissecting the Unique Role of the Retinoblastoma Tumor Suppressor during Cellular Senescence. Cancer Cell, 2010, 17, 376-387. | 7.7 | 323 |
| 16 | 14-3-3 Interacts Directly with and Negatively Regulates Pro-apoptotic Bax. Journal of Biological Chemistry, 2003, 278, 2058-2065. | 1.6 | 307 |
| 17 | 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 |
| 18 | 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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|---|---|---|---|
| 19 | Impact of cellular senescence signature on ageing research. Ageing Research Reviews, 2011, 10, 146-152. | 5.0 | 233 |
| 20 | SASP reflects senescence. EMBO Reports, 2009, 10, 228-230. | 2.0 | 164 |
| 21 | Senescence comes of age. Nature Medicine, 2005, 11, 920-922. | 15.2 | 147 |
| 22 | <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 |
| 23 | Spatial and Temporal Control of Senescence. Trends in Cell Biology, 2017, 27, 820-832. | 3.6 | 127 |
| 24 | Histone H3.3 and its proteolytically processed form drive a cellular senescence programme. Nature Communications, 2014, 5, 5210. | 5.8 | 119 |
| 25 | 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 |
| 26 | Transmitting senescence to the cell neighbourhood. Nature Cell Biology, 2013, 15, 887-889. | 4.6 | 90 |
| 27 | Quantitation and Identification of Thousands of Human Proteoforms below 30 kDa. Journal of Proteome Research, 2016, 15, 976-982. | 1.8 | 89 |
| 28 | Oncogenic HMGA2: short or small?. Genes and Development, 2007, 21, 1005-1009. | 2.7 | 88 |
| 29 | ILâ€1Î± cleavage by inflammatory caspases of the noncanonical inflammasome controls the senescenceâ€associated secretory phenotype. Aging Cell, 2019, 18, e12946. | 3.0 | 77 |
| 30 | Connecting autophagy to senescence in pathophysiology. Current Opinion in Cell Biology, 2010, 22, 234-240. | 2.6 | 72 |
| 31 | Autophagy facilitates oncogene-induced senescence. Autophagy, 2009, 5, 1046-1047. | 4.3 | 67 |
| 32 | Short-term gain, long-term pain: the senescence life cycle and cancer. Genes and Development, 2019, 33, 127-143. | 2.7 | 64 |
| 33 | Temporal inhibition of autophagy reveals segmental reversal of ageing with increased cancer risk. Nature Communications, 2020, 11, 307. | 5.8 | 62 |
| 34 | NG2 expression in glioblastoma identifies an actively proliferating population with an aggressive molecular signature. Neuro-Oncology, 2011, 13, 830-845. | 0.6 | 60 |
| 35 | NOTCH-mediated non-cell autonomous regulation of chromatin structure during senescence. Nature Communications, 2018, 9, 1840. | 5.8 | 57 |
| 36 | Retinoblastoma protein promotes oxidative phosphorylation through upregulation of glycolytic genes in oncogeneâ€induced senescent cells. Aging Cell, 2015, 14, 689-697. | 3.0 | 53 |

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|---|---|---|---|
| 37 | Normalization of metabolomics data with applications to correlation maps. Bioinformatics, 2014, 30, 2155-2161. | 1.8 | 51 |
| 38 | Oncogenes and senescence: breaking down in the fast lane. Genes and Development, 2007, 21, 1-5. | 2.7 | 49 |
| 39 | Cancer cell senescence: a new frontier in drug development. Drug Discovery Today, 2012, 17, 269-276. | 3.2 | 49 |
| 40 | High-order chromatin structure and the epigenome in SAHFs. Nucleus, 2013, 4, 23-28. | 0.6 | 49 |
| 41 | p400 Is Required for E1A to Promote Apoptosis. Journal of Biological Chemistry, 2005, 280, 21915-21923. | 1.6 | 48 |
| 42 | Phenotype Specific Analyses Reveal Distinct Regulatory Mechanism for Chronically Activated p53. PLoS Genetics, 2015, 11, e1005053. | 1.5 | 47 |
| 43 | 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 |
| 44 | Transcription-dependent cohesin repositioning rewires chromatin loops in cellular senescence. Nature Communications, 2020, 11, 6049. | 5.8 | 42 |
| 45 | Epigenetic priming by Dppa2 and 4 in pluripotency facilitates multi-lineage commitment. Nature Structural and Molecular Biology, 2020, 27, 696-705. | 3.6 | 41 |
| 46 | Old cells, new tricks: chromatin structure in senescence. Mammalian Genome, 2016, 27, 320-331. | 1.0 | 40 |
| 47 | COX2 regulates senescence secretome composition and senescence surveillance through PGE2. Cell Reports, 2021, 34, 108860. | 2.9 | 39 |
| 48 | Autophagy in cancer: Having your cake and eating it. Seminars in Cancer Biology, 2011, 21, 397-404. | 4.3 | 38 |
| 49 | Cell Senescence as Both a Dynamic and a Static Phenotype. Methods in Molecular Biology, 2013, 965, 1-13. | 0.4 | 37 |
| 50 | 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 |
| 51 | <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 |
| 52 | 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 |
| 53 | Spatio-temporal association between mTOR and autophagy during cellular senescence. Autophagy, 2011, 7, 1387-1388. | 4.3 | 33 |
| 54 | The tumor suppressor ING1 contributes to epigenetic control of cellular senescence. Aging Cell, 2011, 10, 158-171. | 3.0 | 32 |

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|---|---|---|---|
| 55 | Neuron typeâ€specific increase in lamin B1 contributes to nuclear dysfunction in Huntingtonâ€™s disease. EMBO Molecular Medicine, 2021, 13, e12105. | 3.3 | 28 |
| 56 | Executing Cell Senescence. Cell Cycle, 2004, 3, 242-244. | 1.3 | 26 |
| 57 | Translating the effects of mTOR on secretory senescence. Nature Cell Biology, 2015, 17, 1230-1232. | 4.6 | 25 |
| 58 | Autophagy at the intersection of aging, senescence, and cancer. Molecular Oncology, 2022, 16, 3259-3275. | 2.1 | 23 |
| 59 | The Power Behind the Throne: Senescence and the Hallmarks of Cancer. Annual Review of Cancer Biology, 2018, 2, 175-194. | 2.3 | 21 |
| 60 | p53 in senescence â€“ it's a marathon, not a sprint. FEBS Journal, 2023, 290, 1212-1220. | 2.2 | 21 |
| 61 | Independent Prognostic Factors in Breast Cancer Patients. American Journal of Surgery, 1998, 175, 73-75. | 0.9 | 18 |
| 62 | 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 |
| 63 | Quality and quantity control of proteins in senescence. Aging, 2010, 2, 311-314. | 1.4 | 16 |
| 64 | Metabolomic changes during cellular transformation monitored by metaboliteâ€“metabolite correlation analysis and correlated with gene expression. Metabolomics, 2015, 11, 1848-1863. | 1.4 | 14 |
| 65 | NOTCH and the 2 SASPs of senescence. Cell Cycle, 2017, 16, 239-240. | 1.3 | 14 |
| 66 | Notch and Senescence. Advances in Experimental Medicine and Biology, 2018, 1066, 299-318. | 0.8 | 14 |
| 67 | Senescence-induced endothelial phenotypes underpin immune-mediated senescence surveillance. Genes and Development, 2022, 36, 533-549. | 2.7 | 14 |
| 68 | GATA get a hold on senescence. Science, 2015, 349, 1448-1449. | 6.0 | 12 |
| 69 | Locus-specific induction of gene expression from heterochromatin loci during cellular senescence. Nature Aging, 2022, 2, 31-45. | 5.3 | 12 |
| 70 | Autophagy and senescence, converging roles in pathophysiology as seen through mouse models. Advances in Cancer Research, 2021, 150, 113-145. | 1.9 | 10 |
| 71 | A â€˜synthetic-sicknessâ€™ screen for senescence re-engagement targets in mutant cancer backgrounds. PLoS Genetics, 2017, 13, e1006942. | 1.5 | 9 |
| 72 | Rags connect mTOR and autophagy. Small GTPases, 2012, 3, 111-114. | 0.7 | 8 |

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|---|---|---|---|
| 73 | 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 |
| 74 | A case of microangiopathic hemolytic anemia associated with breast cancer: Improvement with chemoendocrine therapy. Breast Cancer, 1997, 4, 39-42. | 1.3 | 6 |
| 75 | Autophagy Detection During Oncogene-Induced Senescence Using Fluorescence Microscopy. Methods in Molecular Biology, 2017, 1534, 89-98. | 0.4 | 5 |
| 76 | Improving Literature-Based Discovery with Advanced Text Mining. Lecture Notes in Computer Science, 2015, , 89-98. | 1.0 | 4 |
| 77 | The expanding territories of condensin II. Cell Cycle, 2015, 14, 2723-2724. | 1.3 | 3 |
| 78 | Dynamic modulation of autophagy: implications for aging and cancer. Molecular and Cellular Oncology, 2020, 7, 1754723. | 0.3 | 2 |
| 79 | Putting the DOT on IL1A. Journal of Cell Biology, 2021, 220, . | 2.3 | 2 |
| 80 | Crisis management by autophagy. Nature Structural and Molecular Biology, 2019, 26, 151-152. | 3.6 | 1 |
| 81 | 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 |
| 82 | A role for CUX1 in the regulation of p16 and senescence. Nature Aging, 2022, 2, 100-101. | 5.3 | 1 |
| 83 | Abstract SY02-03: Chromatin architecture and gene regulation in oncogene-induced senescence.. , 2013, , . | | 0 |
| 84 | 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 |
| 85 | Abstract SY10-01: Chromatin structure change and aberrant gene expression during senescence. , 2015, , . | | 0 |
| 86 | Abstract SY10-04: Histone tail alterations in cellular senescence. , 2015, , . | | 0 |