

Yoshinori Murakami

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127
papers

4,666
citations

40
h-index

64
g-index

141
ext. papers

6,672
ext. citations

10.7
avg, IF

5.03
L-index

#	Paper	IF	Citations
127	TSLC1 is a tumor-suppressor gene in human non-small-cell lung cancer. <i>Nature Genetics</i> , 2001 , 27, 427-30	6.3	369
126	Overview of the BioBank Japan Project: Study design and profile. <i>Journal of Epidemiology</i> , 2017 , 27, S2-S84	5.4	239
125	Overexpression of a cell adhesion molecule, TSLC1, as a possible molecular marker for acute-type adult T-cell leukemia. <i>Blood</i> , 2005 , 105, 1204-13	2.2	139
124	Involvement of a cell adhesion molecule, TSLC1/IGSF4, in human oncogenesis. <i>Cancer Science</i> , 2005 , 96, 543-52	6.9	136
123	Direct association of TSLC1 and DAL-1, two distinct tumor suppressor proteins in lung cancer. <i>Cancer Research</i> , 2002 , 62, 5129-33	10.1	133
122	The tumor suppressor protein TSLC1 is involved in cell-cell adhesion. <i>Journal of Biological Chemistry</i> , 2002 , 277, 31014-9	5.4	132
121	A 2-Mb sequence-ready contig map and a novel immunoglobulin superfamily gene IGSF4 in the LOH region of chromosome 11q23.2. <i>Genomics</i> , 1999 , 62, 139-46	4.3	106
120	The Polygenic and Monogenic Basis of Blood Traits and Diseases. <i>Cell</i> , 2020 , 182, 1214-1231.e11	56.2	96
119	Promoter methylation of the TSLC1 gene in advanced lung tumors and various cancer cell lines. <i>International Journal of Cancer</i> , 2003 , 107, 53-9	7.5	93
118	Promoter methylation of TSLC1 and tumor suppression by its gene product in human prostate cancer. <i>Japanese Journal of Cancer Research</i> , 2002 , 93, 605-9		89
117	Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations. <i>Cell</i> , 2020 , 182, 1198-1213.e14	56.2	88
116	CRTAM determines the CD4+ cytotoxic T lymphocyte lineage. <i>Journal of Experimental Medicine</i> , 2016 , 213, 123-38	16.6	86
115	Cross-sectional analysis of BioBank Japan clinical data: A large cohort of 200,000 patients with 47 common diseases. <i>Journal of Epidemiology</i> , 2017 , 27, S9-S21	3.4	85
114	Large-scale genome-wide association study in a Japanese population identifies novel susceptibility loci across different diseases. <i>Nature Genetics</i> , 2020 , 52, 669-679	36.3	85
113	Identification of 28 new susceptibility loci for type 2 diabetes in the Japanese population. <i>Nature Genetics</i> , 2019 , 51, 379-386	36.3	83
112	Genetic predisposition to mosaic Y chromosome loss in blood. <i>Nature</i> , 2019 , 575, 652-657	50.4	83
111	Lung cancer with loss of BRG1/BRM, shows epithelial mesenchymal transition phenotype and distinct histologic and genetic features. <i>Cancer Science</i> , 2013 , 104, 266-73	6.9	80

110	Disruption of spermatogenic cell adhesion and male infertility in mice lacking TSLC1/IGSF4, an immunoglobulin superfamily cell adhesion molecule. <i>Molecular and Cellular Biology</i> , 2006 , 26, 3610-24	4.8	79
109	Involvement of TSLC1 in progression of esophageal squamous cell carcinoma. <i>Cancer Research</i> , 2003 , 63, 6320-6	10.1	76
108	Hypermethylation of the TSLC1/IGSF4 promoter is associated with tobacco smoking and a poor prognosis in primary nonsmall cell lung carcinoma. <i>Cancer</i> , 2006 , 106, 1751-8	6.4	72
107	Identification of CCDC6-RET fusion in the human lung adenocarcinoma cell line, LC-2/ad. <i>Journal of Thoracic Oncology</i> , 2012 , 7, 1872-1876	8.9	71
106	Promoter hypermethylation of the potential tumor suppressor DAL-1/4.1B gene in renal clear cell carcinoma. <i>International Journal of Cancer</i> , 2006 , 118, 916-23	7.5	68
105	Association of a lung tumor suppressor TSLC1 with MPP3, a human homologue of Drosophila tumor suppressor Dlg. <i>Oncogene</i> , 2003 , 22, 6160-5	9.2	68
104	Aberrant expression of tumor suppressors CADM1 and 4.1B in invasive lesions of primary breast cancer. <i>Breast Cancer</i> , 2012 , 19, 242-52	3.4	64
103	Promoter methylation of DAL-1/4.1B predicts poor prognosis in non-small cell lung cancer. <i>Clinical Cancer Research</i> , 2005 , 11, 2954-61	12.9	64
102	Hypermethylation of the TSLC1 gene promoter in primary gastric cancers and gastric cancer cell lines. <i>Japanese Journal of Cancer Research</i> , 2002 , 93, 857-60		61
101	Isolation of the TSL1 and TSL2 genes, members of the tumor suppressor TSLC1 gene family encoding transmembrane proteins. <i>Oncogene</i> , 2001 , 20, 5401-7	9.2	59
100	CADM1 interacts with Tiam1 and promotes invasive phenotype of human T-cell leukemia virus type I-transformed cells and adult T-cell leukemia cells. <i>Journal of Biological Chemistry</i> , 2010 , 285, 15511-15522	5.4	53
99	Expression of PRMT5 in lung adenocarcinoma and its significance in epithelial-mesenchymal transition. <i>Human Pathology</i> , 2014 , 45, 1397-405	3.7	52
98	Loss of tumor suppressor in lung cancer-1 (TSLC1) expression in meningioma correlates with increased malignancy grade and reduced patient survival. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004 , 63, 1015-27	3.1	52
97	Characterizing rare and low-frequency height-associated variants in the Japanese population. <i>Nature Communications</i> , 2019 , 10, 4393	17.4	51
96	Tumor suppressor CADM1 is involved in epithelial cell structure. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 390, 977-82	3.4	51
95	Population-specific and trans-ancestry genome-wide analyses identify distinct and shared genetic risk loci for coronary artery disease. <i>Nature Genetics</i> , 2020 , 52, 1169-1177	36.3	51
94	Functional cloning of a tumor suppressor gene, TSLC1, in human non-small cell lung cancer. <i>Oncogene</i> , 2002 , 21, 6936-48	9.2	48
93	Expression of TSLC1, a candidate tumor suppressor gene mapped to chromosome 11q23, is downregulated in unfavorable neuroblastoma without promoter hypermethylation. <i>International Journal of Cancer</i> , 2008 , 123, 2087-94	7.5	45

92	Loss of YAP1 defines neuroendocrine differentiation of lung tumors. <i>Cancer Science</i> , 2016 , 107, 1527-1538	3.8	44
91	Aberrations of a cell adhesion molecule CADM4 in renal clear cell carcinoma. <i>International Journal of Cancer</i> , 2012 , 130, 1329-37	7.5	44
90	Genome-wide meta-analysis identifies multiple novel loci associated with serum uric acid levels in Japanese individuals. <i>Communications Biology</i> , 2019 , 2, 115	6.7	42
89	Overview of BioBank Japan follow-up data in 32 diseases. <i>Journal of Epidemiology</i> , 2017 , 27, S22-S28	3.4	41
88	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019 , 10, 4957	17.4	40
87	A cross-population atlas of genetic associations for 220 human phenotypes. <i>Nature Genetics</i> , 2021 , 53, 1415-1424	36.3	40
86	The cytoplasmic domain is critical to the tumor suppressor activity of TSLC1 in non-small cell lung cancer. <i>Cancer Research</i> , 2003 , 63, 7979-85	10.1	39
85	Chromosomal alterations among age-related haematopoietic clones in Japan. <i>Nature</i> , 2020 , 584, 130-135	50.4	38
84	Loss of TSLC1 expression in lung adenocarcinoma: relationships with histological subtypes, sex and prognostic significance. <i>Cancer Science</i> , 2005 , 96, 480-6	6.9	38
83	Fine mapping of the 11q22-23 tumor suppressive region and involvement of TSLC1 in nasopharyngeal carcinoma. <i>International Journal of Cancer</i> , 2004 , 112, 628-35	7.5	37
82	Improving the trans-ancestry portability of polygenic risk scores by prioritizing variants in predicted cell-type-specific regulatory elements. <i>Nature Genetics</i> , 2020 , 52, 1346-1354	36.3	37
81	Trans-biobank analysis with 676,000 individuals elucidates the association of polygenic risk scores of complex traits with human lifespan. <i>Nature Medicine</i> , 2020 , 26, 542-548	50.5	36
80	Development of a Highly Sensitive Device for Counting the Number of Disease-Specific Exosomes in Human Sera. <i>Clinical Chemistry</i> , 2018 , 64, 1463-1473	5.5	35
79	Tumor suppressor in lung cancer (TSLC)1 suppresses epithelial cell scattering and tubulogenesis. <i>Journal of Biological Chemistry</i> , 2005 , 280, 42164-71	5.4	33
78	GWAS identifies two novel colorectal cancer loci at 16q24.1 and 20q13.12. <i>Carcinogenesis</i> , 2018 , 39, 652-660	4.6	32
77	The ERK signaling target RNF126 regulates anoikis resistance in cancer cells by changing the mitochondrial metabolic flux. <i>Cell Discovery</i> , 2016 , 2, 16019	22.3	32
76	GWAS of 165,084 Japanese individuals identified nine loci associated with dietary habits. <i>Nature Human Behaviour</i> , 2020 , 4, 308-316	12.8	28
75	Increased ectodomain shedding of lung epithelial cell adhesion molecule 1 as a cause of increased alveolar cell apoptosis in emphysema. <i>Thorax</i> , 2014 , 69, 223-31	7.3	26

74	Tumor suppressor cell adhesion molecule 1 (CADM1) is cleaved by a disintegrin and metalloprotease 10 (ADAM10) and subsequently cleaved by ßsecretase complex. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 417, 462-7	3.4	26
73	Xanthohumol inhibits STAT3 activation pathway leading to growth suppression and apoptosis induction in human cholangiocarcinoma cells. <i>Oncology Reports</i> , 2016 , 35, 2065-72	3.5	25
72	Characterization of KIF11 as a novel prognostic biomarker and therapeutic target for oral cancer. <i>International Journal of Oncology</i> , 2018 , 52, 155-165	4.4	24
71	Expression of a soluble isoform of cell adhesion molecule 1 in the brain and its involvement in directional neurite outgrowth. <i>American Journal of Pathology</i> , 2009 , 174, 2278-89	5.8	24
70	Random segregation of DNA strands in epidermal basal cells. <i>Japanese Journal of Cancer Research</i> , 1989 , 80, 637-42		24
69	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	50.4	24
68	Dimensionality reduction reveals fine-scale structure in the Japanese population with consequences for polygenic risk prediction. <i>Nature Communications</i> , 2020 , 11, 1569	17.4	22
67	Cell adhesion molecule 1 is a new osteoblastic cell adhesion molecule and a diagnostic marker for osteosarcoma. <i>Life Sciences</i> , 2013 , 92, 91-9	6.8	22
66	Trans-homophilic interaction of CADM1 activates PI3K by forming a complex with MAGuK-family proteins MPP3 and Dlg. <i>PLoS ONE</i> , 2014 , 9, e82894	3.7	22
65	Genome-wide association study identifies gastric cancer susceptibility loci at 12q24.11-12 and 20q11.21. <i>Cancer Science</i> , 2018 , 109, 4015-4024	6.9	22
64	NECAB3 Promotes Activation of Hypoxia-inducible factor-1 during Normoxia and Enhances Tumorigenicity of Cancer Cells. <i>Scientific Reports</i> , 2016 , 6, 22784	4.9	21
63	A One-Pot Three-Component Double-Click Method for Synthesis of [Cu]-Labeled Biomolecular Radiotherapeutics. <i>Scientific Reports</i> , 2017 , 7, 1912	4.9	20
62	Adhesion molecule CADM1 contributes to gap junctional communication among pancreatic islet ßcells and prevents their excessive secretion of glucagon. <i>Islets</i> , 2012 , 4, 49-55	2	20
61	Expression of a splicing variant of the CADM1 specific to small cell lung cancer. <i>Cancer Science</i> , 2012 , 103, 1051-7	6.9	19
60	Measles virus selectively blind to signaling lymphocyte activity molecule has oncolytic efficacy against nectin-4-expressing pancreatic cancer cells. <i>Cancer Science</i> , 2016 , 107, 1647-1652	6.9	19
59	Control of metastatic niche formation by targeting APBA3/Mint3 in inflammatory monocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E4416-E4424	11.5	18
58	GWAS of mosaic loss of chromosome Y highlights genetic effects on blood cell differentiation. <i>Nature Communications</i> , 2019 , 10, 4719	17.4	18
57	Genomic and transcriptional alterations of cholangiocarcinoma. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2014 , 21, 380-7	2.8	17

56	A measles virus selectively blind to signaling lymphocytic activation molecule shows anti-tumor activity against lung cancer cells. <i>Oncotarget</i> , 2015 , 6, 24895-903	3.3	17
55	Accumulation of genetic alterations and their significance in each primary human cancer and cell line. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1998 , 400, 421-37	3.3	16
54	Hematopoietic mosaic chromosomal alterations increase the risk for diverse types of infection. <i>Nature Medicine</i> , 2021 , 27, 1012-1024	50.5	16
53	GWAS of five gynecologic diseases and cross-trait analysis in Japanese. <i>European Journal of Human Genetics</i> , 2020 , 28, 95-107	5.3	15
52	Mechanistic insights into ectodomain shedding: susceptibility of CADM1 adhesion molecule is determined by alternative splicing and O-glycosylation. <i>Scientific Reports</i> , 2017 , 7, 46174	4.9	14
51	Genome-wide association meta-analysis identifies GP2 gene risk variants for pancreatic cancer. <i>Nature Communications</i> , 2020 , 11, 3175	17.4	14
50	Mint3/Apba3 depletion ameliorates severe murine influenza pneumonia and macrophage cytokine production in response to the influenza virus. <i>Scientific Reports</i> , 2016 , 6, 37815	4.9	14
49	Involvement of the SgIGSF/Necl-2 adhesion molecule in degranulation of mesenteric mast cells. <i>Journal of Neuroimmunology</i> , 2007 , 184, 209-13	3.5	14
48	A global atlas of genetic associations of 220 deep phenotypes		14
47	Cell division cycle associated 1 as a novel prognostic biomarker and therapeutic target for oral cancer. <i>International Journal of Oncology</i> , 2016 , 49, 1385-93	4.4	13
46	A Mendelian randomization study identified obesity as a causal risk factor of uterine endometrial cancer in Japanese. <i>Cancer Science</i> , 2020 , 111, 4646-4651	6.9	13
45	Establishment of highly metastatic KRAS mutant lung cancer cell sublines in long-term three-dimensional low attachment cultures. <i>PLoS ONE</i> , 2017 , 12, e0181342	3.7	12
44	Decreased expression of CADM1 and CADM4 are associated with advanced stage breast cancer. <i>Oncology Letters</i> , 2018 , 15, 2401-2406	2.6	12
43	Transcriptional regulation of the CADM1 gene by retinoic acid during the neural differentiation of murine embryonal carcinoma P19 cells. <i>Genes To Cells</i> , 2011 , 16, 791-802	2.3	11
42	Dynamic regulation of a cell adhesion protein complex including CADM1 by combinatorial analysis of FRAP with exponential curve-fitting. <i>PLoS ONE</i> , 2015 , 10, e0116637	3.7	11
41	Comparison of effects of UGT1A1*6 and UGT1A1*28 on irinotecan-induced adverse reactions in the Japanese population: analysis of the Biobank Japan Project. <i>Journal of Human Genetics</i> , 2019 , 64, 1195-1202	4.3	10
40	CADM1 associates with Hippo pathway core kinases; membranous co-expression of CADM1 and LATS2 in lung tumors predicts good prognosis. <i>Cancer Science</i> , 2019 , 110, 2284-2295	6.9	10
39	EXOSC9 depletion attenuates P-body formation, stress resistance, and tumorigenicity of cancer cells. <i>Scientific Reports</i> , 2020 , 10, 9275	4.9	10

38	Genetic characterization of pancreatic cancer patients and prediction of carrier status of germline pathogenic variants in cancer-predisposing genes. <i>EBioMedicine</i> , 2020 , 60, 103033	8.8	10
37	Combined landscape of single-nucleotide variants and copy number alterations in clonal hematopoiesis. <i>Nature Medicine</i> , 2021 , 27, 1239-1249	50.5	10
36	Transethnic Meta-Analysis of Genome-Wide Association Studies Identifies Three New Loci and Characterizes Population-Specific Differences for Coronary Artery Disease. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, e002670	5.2	9
35	Genetic and phenotypic landscape of the mitochondrial genome in the Japanese population. <i>Communications Biology</i> , 2020 , 3, 104	6.7	9
34	Mint3 depletion restricts tumor malignancy of pancreatic cancer cells by decreasing SKP2 expression via HIF-1. <i>Oncogene</i> , 2020 , 39, 6218-6230	9.2	9
33	Mathematical analysis of gefitinib resistance of lung adenocarcinoma caused by MET amplification. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 511, 544-550	3.4	9
32	Mint3 in bone marrow-derived cells promotes lung metastasis in breast cancer model mice. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 490, 688-692	3.4	8
31	HLA-B*51:01 and CYP2C9*3 Are Risk Factors for Phenytoin-Induced Eruption in the Japanese Population: Analysis of Data From the Biobank Japan Project. <i>Clinical Pharmacology and Therapeutics</i> , 2020 , 107, 1170-1178	6.1	8
30	Endogenization and excision of human herpesvirus 6 in human genomes. <i>PLoS Genetics</i> , 2020 , 16, e1008015	10.15	8
29	Reciprocal expression of trefoil factor-1 and thyroid transcription factor-1 in lung adenocarcinomas. <i>Cancer Science</i> , 2020 , 111, 2183-2195	6.9	7
28	Detection of lung tumors in mice using a 1-tesla compact magnetic resonance imaging system. <i>PLoS ONE</i> , 2014 , 9, e94945	3.7	7
27	Functional variants in ADH1B and ALDH2 are non-additively associated with all-cause mortality in Japanese population. <i>European Journal of Human Genetics</i> , 2020 , 28, 378-382	5.3	7
26	Genome-Wide Natural Selection Signatures Are Linked to Genetic Risk of Modern Phenotypes in the Japanese Population. <i>Molecular Biology and Evolution</i> , 2020 , 37, 1306-1316	8.3	6
25	Progression of Pulmonary Emphysema and Continued Increase in Ectodomain Shedding of Cell Adhesion Molecule 1 After Cessation of Cigarette Smoke Exposure in Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2018 , 6, 52	5.7	5
24	Genetic predisposition to mosaic Y chromosome loss in blood is associated with genomic instability in other tissues and susceptibility to non-haematological cancers		5
23	Identification of two novel breast cancer loci through large-scale genome-wide association study in the Japanese population. <i>Scientific Reports</i> , 2019 , 9, 17332	4.9	5
22	Genome-wide association study (GWAS) of ovarian cancer in Japanese predicted regulatory variants in 22q13.1. <i>PLoS ONE</i> , 2018 , 13, e0209096	3.7	5
21	CADM1 suppresses c-Src activation by binding with Cbp on membrane lipid rafts and intervenes colon carcinogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 529, 854-860	3.4	4

20	Quantitative Analysis of Interaction Between CADM1 and Its Binding Cell-Surface Proteins Using Surface Plasmon Resonance Imaging. <i>Frontiers in Cell and Developmental Biology</i> , 2018 , 6, 86	5.7	4
19	Genetic alterations in human pancreatic cancer. <i>Journal of Hepato-Biliary-Pancreatic Surgery</i> , 1997 , 4, 283-290		4
18	CADM1 promotes malignant features of small-cell lung cancer by recruiting 4.1R to the plasma membrane. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 534, 172-178	3.4	4
17	Population-based Screening for Hereditary Colorectal Cancer Variants in Japan. <i>Clinical Gastroenterology and Hepatology</i> , 2020 ,	6.9	3
16	Fine Mapping of the Major Histocompatibility Complex Region and Association of the HLA-B*52:01 Allele With Cervical Cancer in Japanese Women. <i>JAMA Network Open</i> , 2020 , 3, e2023248	10.4	3
15	Family trees representing the finitely proliferative nature of cultured rat liver cells. <i>Cell Structure and Function</i> , 1983 , 8, 293-301	2.2	3
14	Global biobank analyses provide lessons for computing polygenic risk scores across diverse cohorts		3
13	Leveraging fine-mapping and multipopulation training data to improve cross-population polygenic risk scores.. <i>Nature Genetics</i> , 2022 , 54, 450-458	36.3	3
12	Mint3 is dispensable for pancreatic and kidney functions in mice. <i>Biochemistry and Biophysics Reports</i> , 2020 , 24, 100872	2.2	2
11	Expression profile of CADM1 and CADM4 in triple negative breast cancer with primary systemic therapy. <i>Oncology Letters</i> , 2019 , 17, 921-926	2.6	2
10	Mathematical modeling and analysis of ErbB3 and EGFR dimerization process for the gefitinib resistance. <i>JSIAM Letters</i> , 2018 , 10, 33-36	0.2	2
9	Circulating tumor DNA harboring the V600E mutation may predict poor outcomes of primary papillary thyroid cancer patients. <i>Thyroid</i> , 2021 ,	6.2	2
8	A case of an elderly patient with high-grade colorectal cancer in poor general condition who showed near complete response to chemotherapy and achieved long-term survival. <i>International Journal of Surgery Case Reports</i> , 2019 , 58, 186-189	0.8	1
7	Pharmacological inhibition of Mint3 attenuates tumour growth, metastasis, and endotoxic shock. <i>Communications Biology</i> , 2021 , 4, 1165	6.7	1
6	In silico integration of thousands of epigenetic datasets into 707 cell type regulatory annotations improves the trans-ethnic portability of polygenic risk scores		1
5	Susceptibility loci and polygenic architecture highlight population specific and common genetic features in inguinal hernias: genetics in inguinal hernias. <i>EBioMedicine</i> , 2021 , 70, 103532	8.8	1
4	Expansion of Cancer Risk Profile for BRCA1 and BRCA2 Pathogenic Variants.. <i>JAMA Oncology</i> , 2022 ,	13.4	1
3	Usefulness of circulating tumor DNA by targeting human papilloma virus-derived sequences as a biomarker in p16-positive oropharyngeal cancer.. <i>Scientific Reports</i> , 2022 , 12, 572	4.9	0

- 2 Short somatic alterations at the site of copy number variation in breast cancer. *Cancer Science*, **2021**, 112, 444-453 6.9 0
- 1 Mathematical Modeling of the Dimerization of EGFR and ErbB3 in Lung Adenocarcinoma. *Springer Proceedings in Mathematics and Statistics*, **2021**, 195-202 0.2