# Yusuke Nakamura

List of Publications by Year
in descending order



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|---|---|---|---|
| 431 papers | 26,956 citations | 7069 78 h-index | 9553 142 g-index |
| 441 all docs | 441 docs citations | 441 times ranked | 35533 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | p53AIP1, a Potential Mediator of p53-Dependent Apoptosis, and Its Regulation by Ser-46-Phosphorylated p53. Cell, 2000, 102, 849-862. | 13.5 | 1,095 |
| 2 | AXIN1 mutations in hepatocellular carcinomas, and growth suppression in cancer cells by virus-mediated transfer of AXIN1. Nature Genetics, 2000, 24, 245-250. | 9.4 | 919 |
| 3 | A ribonucleotide reductase gene involved in a p53-dependent cell-cycle checkpoint for DNA damage. Nature, 2000, 404, 42-49. | 13.7 | 815 |
| 4 | An ancient retrotransposal insertion causes Fukuyama-type congenital muscular dystrophy. Nature, 1998, 394, 388-392. | 13.7 | 758 |
| 5 | SMYD3 encodes a histone methyltransferase involved in the proliferation of cancer cells. Nature Cell Biology, 2004, 6, 731-740. | 4.6 | 665 |
| 6 | A cross-population atlas of genetic associations for 220 human phenotypes. Nature Genetics, 2021, 53, 1415-1424. | 9.4 | 560 |
| 7 | Genome-wide association study of hematological and biochemical traits in a Japanese population. Nature Genetics, 2010, 42, 210-215. | 9.4 | 460 |
| 8 | Overview of the BioBank Japan Project: Study design and profile. Journal of Epidemiology, 2017, 27, S2-S8. | 1.1 | 451 |
| 9 | Overexpression of LSD1 contributes to human carcinogenesis through chromatin regulation in various cancers. International Journal of Cancer, 2011, 128, 574-586. | 2.3 | 420 |
| 10 | Mutation in Npps in a mouse model of ossification of the posterior longitudinal ligament of the spine. Nature Genetics, 1998, 19, 271-273. | 9.4 | 392 |
| 11 | Growth-suppressive effects of BPOZ and EGR2, two genes involved in the PTEN signaling pathway. Oncogene, 2001, 20, 4457-4465. | 2.6 | 335 |
| 12 | Genome-wide association study identifies a susceptibility locus for HCV-induced hepatocellular carcinoma. Nature Genetics, 2011, 43, 455-458. | 9.4 | 332 |
| 13 | Japanese Population Structure, Based on SNP Genotypes from 7003 Individuals Compared to Other Ethnic Groups: Effects on Population-Based Association Studies. American Journal of Human Genetics, 2008, 83, 445-456. | 2.6 | 327 |
| 14 | SARS-CoV-2 genomic variations associated with mortality rate of COVID-19. Journal of Human Genetics, 2020, 65, 1075-1082. | 1.1 | 316 |
| 15 | Large-scale genome-wide association study in a Japanese population identifies novel susceptibility loci across different diseases. Nature Genetics, 2020, 52, 669-679. | 9.4 | 304 |
| 16 | Positional cloning of the gene for Nijmegen breakage syndrome. Nature Genetics, 1998, 19, 179-181. | 9.4 | 302 |
| 17 | Critical roles of non-histone protein lysine methylation in human tumorigenesis. Nature Reviews Cancer, 2015, 15, 110-124. | 12.8 | 299 |
| 18 | Genome-wide association study identifies multiple susceptibility loci for pancreatic cancer. Nature Genetics, 2014, 46, 994-1000. | 9.4 | 294 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Functional Variants in ADH1B and ALDH2 Coupled With Alcohol and Smoking Synergistically Enhance Esophageal Cancer Risk. Gastroenterology, 2009, 137, 1768-1775. | 0.6 | 277 |
| 20 | A novel brain-specific p53-target gene, BAI1, containing thrombospondin type 1 repeats inhibits experimental angiogenesis. Oncogene, 1997, 15, 2145-2150. | 2.6 | 270 |
| 21 | Dysregulation of PRMT1 and PRMT6, Type I arginine methyltransferases, is involved in various types of human cancers. International Journal of Cancer, 2011, 128, 562-573. | 2.3 | 260 |
| 22 | Genome-wide association study identifies five new susceptibility loci for prostate cancer in the Japanese population. Nature Genetics, 2010, 42, 751-754. | 9.4 | 258 |
| 23 | Enhanced SMYD3 expression is essential for the growth of breast cancer cells. Cancer Science, 2006, 97, 113-118. | 1.7 | 246 |
| 24 | A radiation hybrid map of the rat genome containing 5,255 markers. Nature Genetics, 1999, 22, 27-36. | 9.4 | 231 |
| 25 | Variations in the FTO gene are associated with severe obesity in the Japanese. Journal of Human Genetics, 2008, 53, 546-553. | 1.1 | 219 |
| 26 | Identification of ALDH4 as a p53-inducible gene and its protective role in cellular stresses. Journal of Human Genetics, 2004, 49, 134-140. | 1.1 | 202 |
| 27 | Association analysis of genetic variants in IL23R, ATG16L1 and 5p13.1 loci with Crohnâ€™s disease in Japanese patients. Journal of Human Genetics, 2007, 52, 575-583. | 1.1 | 191 |
| 28 | Demethylation of RB Regulator MYPT1 by Histone Demethylase LSD1 Promotes Cell Cycle Progression in Cancer Cells. Cancer Research, 2011, 71, 655-660. | 0.4 | 190 |
| 29 | Overexpression of the JmjC histone demethylase KDM5B in human carcinogenesis: involvement in the proliferation of cancer cells through the E2F/RB pathway. Molecular Cancer, 2010, 9, 59. | 7.9 | 183 |
| 30 | Myasthenic crisis and polymyositis induced by one dose of nivolumab. Cancer Science, 2016, 107, 1055-1058. | 1.7 | 176 |
| 31 | Validation of the histone methyltransferase EZH2 as a therapeutic target for various types of human cancer and as a prognostic marker. Cancer Science, 2011, 102, 1298-1305. | 1.7 | 170 |
| 32 | RB1 Methylation by SMYD2 Enhances Cell Cycle Progression through an Increase of RB1 Phosphorylation. Neoplasia, 2012, 14, 476-IN8. | 2.3 | 169 |
| 33 | Variation in TP63 is associated with lung adenocarcinoma susceptibility in Japanese and Korean populations. Nature Genetics, 2010, 42, 893-896. | 9.4 | 165 |
| 34 | PDZ-Binding Kinase/T-LAK Cell-Originated Protein Kinase, a Putative Cancer/Testis Antigen with an Oncogenic Activity in Breast Cancer. Cancer Research, 2006, 66, 9186-9195. | 0.4 | 164 |
| 35 | Overexpressed P-Cadherin/CDH3 Promotes Motility of Pancreatic Cancer Cells by Interacting with p120ctn and Activating Rho-Family GTPases. Cancer Research, 2005, 65, 3092-3099. | 0.4 | 163 |
| 36 | Isolation of p53-target genes and their functional analysis. Cancer Science, 2004, 95, 7-11. | 1.7 | 160 |

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|---|---|---|---|
| 37 | Variation in the DEPDC5 locus is associated with progression to hepatocellular carcinoma in chronic hepatitis C virus carriers. Nature Genetics, 2011, 43, 797-800. | 9.4 | 156 |
| 38 | Histone Lysine Methyltransferase SETD8 Promotes Carcinogenesis by Deregulating PCNA Expression. Cancer Research, 2012, 72, 3217-3227. | 0.4 | 155 |
| 39 | Gains, losses, and amplifications of genomic materials in primary gastric cancers analyzed by comparative genomic hybridization. , 1999, 24, 299-305. | | 153 |
| 40 | Bcl-2/E1B 19â€‰kDa-interacting protein 3-like protein (Bnip3L) interacts with Bcl-2/Bcl-xL and induces apoptosis by altering mitochondrial membrane permeability. Oncogene, 1999, 18, 4523-4529. | 2.6 | 151 |
| 41 | p53RDL1 regulates p53-dependent apoptosis. Nature Cell Biology, 2003, 5, 216-223. | 4.6 | 150 |
| 42 | The Lysine 831 of Vascular Endothelial Growth Factor Receptor 1 Is a Novel Target of Methylation by SMYD3. Cancer Research, 2007, 67, 10759-10765. | 0.4 | 150 |
| 43 | Amplification and over-expression of theAIB1 nuclear receptor co-activator gene in primary gastric cancers. International Journal of Cancer, 2000, 89, 217-223. | 2.3 | 146 |
| 44 | Critical Roles of Mucin 1 Glycosylation by Transactivated PolypeptideN-Acetylgalactosaminyltransferase 6 in Mammary Carcinogenesis. Cancer Research, 2010, 70, 2759-2769. | 0.4 | 146 |
| 45 | Genome-wide association analysis in East Asians identifies breast cancer susceptibility loci at 1q32.1, 5q14.3 and 15q26.1. Nature Genetics, 2014, 46, 886-890. | 9.4 | 135 |
| 46 | Afatinib Activity in Platinum-Refractory Metastatic Urothelial Carcinoma in Patients With ERBB Alterations. Journal of Clinical Oncology, 2016, 34, 2165-2171. | 0.8 | 134 |
| 47 | Cross-sectional analysis of BioBank Japan clinical data: A large cohort of 200,000 patients with 47 common diseases. Journal of Epidemiology, 2017, 27, S9-S21. | 1.1 | 133 |
| 48 | Phase II Clinical Trial of Multiple Peptide Vaccination for Advanced Head and Neck Cancer Patients Revealed Induction of Immune Responses and Improved OS. Clinical Cancer Research, 2015, 21, 312-321. | 3.2 | 126 |
| 49 | Genome-Wide Association Study of Pancreatic Cancer in Japanese Population. PLoS ONE, 2010, 5, e11824. | 1.1 | 126 |
| 50 | The BioBank Japan Project. Clinical Advances in Hematology and Oncology, 2007, 5, 696-7. | 0.3 | 125 |
| 51 | Multicenter, phase II clinical trial of cancer vaccination for advanced esophageal cancer with three peptides derived from novel cancer-testis antigens. Journal of Translational Medicine, 2012, 10, 141. | 1.8 | 124 |
| 52 | Bioinformatic prediction of potential T cell epitopes for SARS-Cov-2. Journal of Human Genetics, 2020, 65, 569-575. | 1.1 | 123 |
| 53 | Localization of membrane-associated guanylate kinase (MAGI)-1/BAI-associated protein (BAP) 1 at tight junctions of epithelial cells. Oncogene, 1999, 18, 7810-7815. | 2.6 | 114 |
| 54 | A genome-wide association study identifies two susceptibility loci for duodenal ulcer in the Japanese population. Nature Genetics, 2012, 44, 430-434. | 9.4 | 114 |

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|---|---|---|---|
| 55 | A variable number of tandem repeats polymorphism in an E2F-1 binding element in the 5â€² flanking region of SMYD3 is a risk factor for human cancers. Nature Genetics, 2005, 37, 1104-1107. | 9.4 | 112 |
| 56 | Enhanced Expression of EHMT2 Is Involved in the Proliferation of Cancer Cells through Negative Regulation of SIAH1. Neoplasia, 2011, 13, 676-IN10. | 2.3 | 112 |
| 57 | Association analysis of SLC22A4, SLC22A5 and DLG5 in Japanese patients with Crohn disease. Journal of Human Genetics, 2004, 49, 664-668. | 1.1 | 107 |
| 58 | Intratumoral expression levels of PD-L1, GZMA, and HLA-A along with oligoclonal T cell expansion associate with response to nivolumab in metastatic melanoma. OncoImmunology, 2016, 5, e1204507. | 2.1 | 107 |
| 59 | Novel Mechanism of HERG Current Suppression in LQT2. Circulation Research, 1998, 83, 415-422. | 2.0 | 105 |
| 60 | Molecular features of triple negative breast cancer cells by genome-wide gene expression profiling analysis. International Journal of Oncology, 2013, 42, 478-506. | 1.4 | 104 |
| 61 | Genome-wide association study for intracranial aneurysm in the Japanese population identifies three candidate susceptible loci and a functional genetic variant at EDNRA. Human Molecular Genetics, 2012, 21, 2102-2110. | 1.4 | 102 |
| 62 | Comparative genomic hybridization of squamous cell carcinoma of the esophagus: The possible involvement of theDP1 gene in the 13q34 amplicon. Genes Chromosomes and Cancer, 1999, 24, 337-344. | 1.5 | 99 |
| 63 | Common variants at 11q12, 10q26 and 3p11.2 are associated with prostate cancer susceptibility in Japanese. Nature Genetics, 2012, 44, 426-429. | 9.4 | 98 |
| 64 | Isolation, mapping, and functional analysis of a novel human cDNA (BNIP3L) encoding a protein homologous to human NIP3. , 1998, 21, 230-235. | | 97 |
| 65 | Enhanced HSP70Âlysine methylation promotes proliferation of cancer cells through activation of Aurora kinase B. Nature Communications, 2012, 3, 1072. | 5.8 | 96 |
| 66 | TOPK inhibitor induces complete tumor regression in xenograft models of human cancer through inhibition of cytokinesis. Science Translational Medicine, 2014, 6, 259ra145. | 5.8 | 95 |
| 67 | Critical role of lysine 134 methylation on histone H2AX for Î³-H2AX production and DNA repair. Nature Communications, 2014, 5, 5691. | 5.8 | 93 |
| 68 | Histone Lysine Methyltransferase Wolf-Hirschhorn Syndrome Candidate 1 Is Involved in Human Carcinogenesis through Regulation of the Wnt Pathway. Neoplasia, 2011, 13, 887-IN11. | 2.3 | 92 |
| 69 | Breast cancer: The translation of big genomic data to cancer precision medicine. Cancer Science, 2018, 109, 497-506. | 1.7 | 92 |
| 70 | Microsatellite instability in endometrial carcinomas: Frequent replication errors in tumors of early onset and/or of poorly differentiated type. Genes Chromosomes and Cancer, 1995, 14, 128-132. | 1.5 | 91 |
| 71 | CSR, a scavenger receptor-like protein with a protective role against cellular damage causedby UV irradiation and oxidative stress. Human Molecular Genetics, 1998, 7, 1039-1046. | 1.4 | 88 |
| 72 | Polypeptide N-acetylgalactosaminyltransferase 6 Disrupts Mammary Acinar Morphogenesis through O-glycosylation of Fibronectin. Neoplasia, 2011, 13, 320-IN10. | 2.3 | 88 |

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|---|---|---|---|
| 73 | The Histone Methyltransferase SMYD2 Methylates PARP1 and Promotes Poly(ADP-ribosyl)ation Activity in Cancer Cells. Neoplasia, 2014, 16, 257-264.e2. | 2.3 | 88 |
| 74 | Dose-adjustment study of tamoxifen based on CYP2D6 genotypes in Japanese breast cancer patients. Breast Cancer Research and Treatment, 2012, 131, 137-145. | 1.1 | 86 |
| 75 | The JmjC domainâ€containing histone demethylase KDM3A is a positive regulator of the G<sub>1</sub>/S transition in cancer cells via transcriptional regulation of the HOXA1 gene. International Journal of Cancer, 2012, 131, E179-89. | 2.3 | 85 |
| 76 | Citrullination of RGG Motifs in FET Proteins by PAD4 Regulates Protein Aggregation and ALS Susceptibility. Cell Reports, 2018, 22, 1473-1483. | 2.9 | 85 |
| 77 | Association studies of 33 single nucleotide polymorphisms (SNPs) in 29 candidate genes for bronchial asthma: positive association of a T924C polymorphism in the thromboxane A2 receptor gene. Human Genetics, 2000, 106, 440-446. | 1.8 | 83 |
| 78 | Clonal Hematopoiesis in Liquid Biopsy: From Biological Noise to Valuable Clinical Implications. Cancers, 2020, 12, 2277. | 1.7 | 83 |
| 79 | A pilot study of durvalumab and tremelimumab and immunogenomic dynamics in metastatic breast cancer. Oncotarget, 2018, 9, 18985-18996. | 0.8 | 83 |
| 80 | WHSC1 Promotes Oncogenesis through Regulation of NIMA-Related Kinase-7 in Squamous Cell Carcinoma of the Head and Neck. Molecular Cancer Research, 2015, 13, 293-304. | 1.5 | 82 |
| 81 | Novel and recurrent COMP (cartilage oligomeric matrix protein) mutations in pseudoachondroplasia and multiple epiphyseal dysplasia. Human Genetics, 1998, 103, 633-638. | 1.8 | 81 |
| 82 | A Single Nucleotide Polymorphism in the Matrix Metalloproteinase-1 Promoter in Endometrial Carcinomas. Japanese Journal of Cancer Research, 2000, 91, 612-615. | 1.7 | 81 |
| 83 | Genomic organization and mutational analysis of HERG , a gene responsible for familial long QT syndrome. Human Genetics, 1998, 102, 435-439. | 1.8 | 80 |
| 84 | SMYD2-dependent HSP90 methylation promotes cancer cell proliferation by regulating the chaperone complex formation. Cancer Letters, 2014, 351, 126-133. | 3.2 | 79 |
| 85 | Mapping of a new target region of allelic loss to a 2-cM interval at 22q13.1 in primary breast cancer. Genes Chromosomes and Cancer, 1998, 21, 108-112. | 1.5 | 78 |
| 86 | Expression and chromosomal localization of KIAA0369, a putative kinase structurally related to Doublecortin. Journal of Human Genetics, 1998, 43, 169-177. | 1.1 | 78 |
| 87 | Genetic dissection of ``OLETF'', a rat model for non-insulin-dependent diabetes mellitus. Mammalian Genome, 1998, 9, 419-425. | 1.0 | 78 |
| 88 | Whole-Exome Sequencing of Muscle-Invasive Bladder Cancer Identifies Recurrent Mutations of UNC5C and Prognostic Importance of DNA Repair Gene Mutations on Survival. Clinical Cancer Research, 2014, 20, 6605-6617. | 3.2 | 77 |
| 89 | A phase I study of combination vaccine treatment of five therapeutic epitope-peptides for metastatic colorectal cancer; safety, immunological response, and clinical outcome. Journal of Translational Medicine, 2014, 12, 63. | 1.8 | 76 |
| 90 | The NSD family of protein methyltransferases in human cancer. Epigenomics, 2015, 7, 863-874. | 1.0 | 76 |

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|---|---|---|---|
| 91 | A phase Î™I study of five peptides combination with oxaliplatin-based chemotherapy as a first-line therapy for advanced colorectal cancer (FXV study). Journal of Translational Medicine, 2014, 12, 108. | 1.8 | 75 |
| 92 | Dysregulation of AKT Pathway by SMYD2-Mediated Lysine Methylation on PTEN. Neoplasia, 2015, 17, 367-373. | 2.3 | 75 |
| 93 | Association of ulcerative colitis with rare VNTR alleles of the human intestinal mucin gene, MUC3. Human Molecular Genetics, 1999, 8, 307-311. | 1.4 | 74 |
| 94 | Analysis of numerical aberrations in specific chromosomes by fluorescent in situ hybridization as a diagnostic tool in breast cancer. , 1996, 77, 2064-2069. | | 73 |
| 95 | DNA variations in human and medical genetics: 25 years of my experience. Journal of Human Genetics, 2009, 54, 1-8. | 1.1 | 73 |
| 96 | A genomewide linkage analysis of Kawasaki disease: evidence for linkage to chromosome 12. Journal of Human Genetics, 2007, 52, 179-190. | 1.1 | 72 |
| 97 | Phase I clinical study of multiple epitope peptide vaccine combined with chemoradiation therapy in esophageal cancer patients. Journal of Translational Medicine, 2014, 12, 84. | 1.8 | 70 |
| 98 | Cancer Precision Medicine: From Cancer Screening to Drug Selection and Personalized Immunotherapy. Trends in Pharmacological Sciences, 2017, 38, 15-24. | 4.0 | 70 |
| 99 | Induction of Neoantigen-Specific Cytotoxic T Cells and Construction of T-cell Receptorâ€“Engineered T Cells for Ovarian Cancer. Clinical Cancer Research, 2018, 24, 5357-5367. | 3.2 | 70 |
| 100 | Novel and recurrentEBP mutations in X-linked dominant chondrodysplasia punctata. American Journal of Medical Genetics Part A, 2000, 94, 300-305. | 2.4 | 69 |
| 101 | Nonrandom Chromosomal Imbalances in Esophageal Squamous Cell Carcinoma Cell Lines: Possible Involvement of theATF3andCENPFGenes in the 1q32 Amplicon. Japanese Journal of Cancer Research, 2000, 91, 1126-1133. | 1.7 | 68 |
| 102 | Critical roles of Tâ€ŁAK cellâ€originated protein kinase in cytokinesis. Cancer Science, 2010, 101, 403-411. | 1.7 | 68 |
| 103 | Quantitative T cell repertoire analysis by deep cDNA sequencing of T cell receptor Î± and Î² chains using next-generation sequencing (NGS). OncoImmunology, 2014, 3, e968467. | 2.1 | 68 |
| 104 | Regulation of iron homeostasis by the p53-ISCU pathway. Scientific Reports, 2015, 5, 16497. | 1.6 | 68 |
| 105 | Eradication of Large Solid Tumors by Gene Therapy with a T-Cell Receptor Targeting a Single Cancer-Specific Point Mutation. Clinical Cancer Research, 2016, 22, 2734-2743. | 3.2 | 68 |
| 106 | Characterization of the human p57KIP2 gene: Alternative splicing, insertion/deletion polymorphisms in VNTR sequences in the coding region, and mutational analysis. Human Genetics, 1996, 97, 625-631. | 1.8 | 67 |
| 107 | Dysregulation of protein methyltransferases in human cancer: An emerging target class for anticancer therapy. Cancer Science, 2016, 107, 377-384. | 1.7 | 67 |
| 108 | Mutational Analysis of Mismatch Repair Genes,hMLH1andhMSH2, in Sporadic Endometrial Carcinomas with Microsatellite Instability. Japanese Journal of Cancer Research, 1996, 87, 141-145. | 1.7 | 66 |

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|---|---|---|---|
| 109 | A CAG/CTG expansion in the normal population. Nature Genetics, 1997, 17, 385-386. | 9.4 | 64 |
| 110 | Identification of AXUD1, a novel human gene induced by AXIN1 and its reduced expression in human carcinomas of the lung, liver, colon and kidney. Oncogene, 2001, 20, 5062-5066. | 2.6 | 64 |
| 111 | Isolation of a novel gene on 8p21.3â€“22 whose expression is reduced significantly in human colorectal cancers with liver metastasis. Genes Chromosomes and Cancer, 2000, 29, 9-15. | 1.5 | 63 |
| 112 | Association between single nucleotide polymorphisms within genes encoding sirtuin families and diabetic nephropathy in Japanese subjects with type 2 diabetes. Clinical and Experimental Nephrology, 2011, 15, 381-390. | 0.7 | 63 |
| 113 | Low T-cell Receptor Diversity, High Somatic Mutation Burden, and High Neoantigen Load as Predictors of Clinical Outcome in Muscle-invasive Bladder Cancer. European Urology Focus, 2016, 2, 445-452. | 1.6 | 63 |
| 114 | T-LAK Cell-Originated Protein Kinase (TOPK) as a Prognostic Factor and a Potential Therapeutic Target in Ovarian Cancer. Clinical Cancer Research, 2016, 22, 6110-6117. | 3.2 | 63 |
| 115 | The Histone Demethylase JMJD2B Plays an Essential Role in Human Carcinogenesis through Positive Regulation of Cyclin-Dependent Kinase 6. Cancer Prevention Research, 2011, 4, 2051-2061. | 0.7 | 62 |
| 116 | Clinical significance of clonal hematopoiesis in the interpretation of blood liquid biopsy. Molecular Oncology, 2020, 14, 1719-1730. | 2.1 | 62 |
| 117 | Localization of a tumor suppressor gene associated with the progression of human breast carcinoma within a 1-cm interval of 8p22-p23.1. , 1999, 85, 447-452. | | 60 |
| 118 | Trans-ethnic meta-analysis of white blood cell phenotypes. Human Molecular Genetics, 2014, 23, 6944-6960. | 1.4 | 60 |
| 119 | Association of single-nucleotide polymorphisms in the polymeric immunoglobulin receptor gene with immunoglobulinÂA nephropathy (IgAN) in Japanese patients. Journal of Human Genetics, 2003, 48, 293-299. | 1.1 | 59 |
| 120 | Deregulation of the histone demethylase JMJD2A is involved in human carcinogenesis through regulation of the G1/S transition. Cancer Letters, 2013, 336, 76-84. | 3.2 | 59 |
| 121 | Beta-defensin 1, aryl hydrocarbon receptor and plasma kynurenine in major depressive disorder: metabolomics-informed genomics. Translational Psychiatry, 2018, 8, 10. | 2.4 | 59 |
| 122 | Frequent Î²-Catenin Abnormalities in Bone and Soft-tissue Tumors. Japanese Journal of Cancer Research, 1999, 90, 205-209. | 1.7 | 58 |
| 123 | Genomic organization and mutational analysis of KVLQT1, a gene responsible for familial long QT syndrome. Human Genetics, 1998, 103, 290-294. | 1.8 | 57 |
| 124 | Immune profiles in primary squamous cell carcinoma of the head and neck. Oral Oncology, 2019, 96, 77-88. | 0.8 | 57 |
| 125 | Preclinical efficacy of maternal embryonic leucine-zipper kinase (MELK) inhibition in acute myeloid leukemia. Oncotarget, 2014, 5, 12371-12382. | 0.8 | 56 |
| 126 | Comparison of exome-based HLA class I genotyping tools: identification of platform-specific genotyping errors. Journal of Human Genetics, 2017, 62, 397-405. | 1.1 | 55 |

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|---|---|---|---|
| 127 | Allelic loss on chromosome 1p is Associated with progression and lymph node metastasis of primary breast carcinoma. , 1998, 82, 317-322. | | 54 |
| 128 | Activation of an estrogen/estrogen receptor signaling by BIG3 through its inhibitory effect on nuclear transport of PHB2/REA in breast cancer. Cancer Science, 2009, 100, 1468-1478. | 1.7 | 54 |
| 129 | Phase II clinical trial of peptide cocktail therapy for patients with advanced pancreatic cancer: <scp>VENUS</scp>â€<scp>PC</scp> study. Cancer Science, 2017, 108, 73-80. | 1.7 | 54 |
| 130 | Integrated analysis of somatic mutations and immune microenvironment in malignant pleural mesothelioma. OncoImmunology, 2017, 6, e1278330. | 2.1 | 54 |
| 131 | Isolation of a novel TP53 target gene from a colon cancer cell line carrying a highly regulated wild-type TP53 expression system. , 1998, 23, 1-9. | | 53 |
| 132 | Mutations in the N-terminal globular domain of the type X collagen gene (COL10A1) in patients with Schmid metaphyseal chondrodysplasia. Human Mutation, 1997, 9, 131-135. | 1.1 | 52 |
| 133 | Detailed deletion mapping of chromosome arm 3p in breast cancers: A 2-cM region on 3p14.3-21.1 and a 5-cM region on 3p24.3-25.1 commonly deleted in tumors. Genes Chromosomes and Cancer, 1997, 20, 268-274. | 1.5 | 52 |
| 134 | Characterization of T cell repertoire of blood, tumor, and ascites in ovarian cancer patients using next generation sequencing. OncoImmunology, 2015, 4, e1030561. | 2.1 | 52 |
| 135 | GWAS identifies two novel colorectal cancer loci at 16q24.1 and 20q13.12. Carcinogenesis, 2018, 39, 652-660. | 1.3 | 52 |
| 136 | IL-28B predicts response to chronic hepatitis C therapy â€“ fine-mapping and replication study in Asian populations. Journal of General Virology, 2011, 92, 1071-1081. | 1.3 | 50 |
| 137 | Association of variations in HLA class II and other loci with susceptibility to EGFR-mutated lung adenocarcinoma. Nature Communications, 2016, 7, 12451. | 5.8 | 49 |
| 138 | A genome-wide association study identifies PLCL2 and AP3D1-DOT1L-SF3A2 as new susceptibility loci for myocardial infarction in Japanese. European Journal of Human Genetics, 2015, 23, 374-380. | 1.4 | 48 |
| 139 | Mutations in the BRCA1 gene in Japanese breast cancer patients. Human Mutation, 1996, 7, 334-339. | 1.1 | 47 |
| 140 | Infrequent Mutations in thePTEN/MMAC1Gene among Primary Breast Cancers. Japanese Journal of Cancer Research, 1998, 89, 17-21. | 1.7 | 47 |
| 141 | Critical roles of LGN/GPSM2 phosphorylation by PBK/TOPK in cell division of breast cancer cells. Genes Chromosomes and Cancer, 2010, 49, 861-872. | 1.5 | 47 |
| 142 | The Transcriptional Landscape of p53 Signalling Pathway. EBioMedicine, 2017, 20, 109-119. | 2.7 | 47 |
| 143 | Overview of BioBank Japan follow-up data in 32 diseases. Journal of Epidemiology, 2017, 27, S22-S28. | 1.1 | 47 |
| 144 | Pharmacogenetic Discovery in CALGB (Alliance) 90401 and Mechanistic Validation of a VAC14 Polymorphism that Increases Risk of Docetaxel-Induced Neuropathy. Clinical Cancer Research, 2016, 22, 4890-4900. | 3.2 | 46 |

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|---|---|---|---|
| 145 | Genomic structure and multiple single-nucleotide polymorphisms (SNPs) of the thiopurine S-methyltransferase (TPMT) gene. Journal of Human Genetics, 2000, 45, 299-302. | 1.1 | 45 |
| 146 | Phase I clinical trial of a five-peptide cancer vaccine combined with cyclophosphamide in advanced solid tumors. Clinical Immunology, 2016, 166-167, 48-58. | 1.4 | 45 |
| 147 | Shared Genetic Risk Factors of Intracranial, Abdominal, and Thoracic Aneurysms. Journal of the American Heart Association, 2016, 5, . | 1.6 | 45 |
| 148 | Immunopharmacogenomics towards personalized cancer immunotherapy targeting neoantigens. Cancer Science, 2018, 109, 542-549. | 1.7 | 45 |
| 149 | Genetic mechanisms in esophageal carcinogenesis: Frequent deletion of 3p and 17p in premalignant lesions. , 1996, 15, 165-169. | | 44 |
| 150 | Amplification on double-minute chromosomes and partial-tandem duplication of theMILL gene in leukemic cells of a patient with acute myelogenous leukemia. Genes Chromosomes and Cancer, 1998, 23, 267-272. | 1.5 | 44 |
| 151 | CD44 is a potential target of amplification within the 11p13 amplicon detected in gastric cancer cell lines. Genes Chromosomes and Cancer, 2000, 29, 315-324. | 1.5 | 44 |
| 152 | Effective screening of T cells recognizing neoantigens and construction of T-cell receptor-engineered T cells. Oncotarget, 2018, 9, 11009-11019. | 0.8 | 44 |
| 153 | SUV39H2 methylates and stabilizes LSD1 by inhibiting polyubiquitination in human cancer cells. Oncotarget, 2015, 6, 16939-16950. | 0.8 | 44 |
| 154 | Oncogenic roles of TOPK and MELK, and effective growth suppression by small molecular inhibitors in kidney cancer cells. Oncotarget, 2016, 7, 17652-17664. | 0.8 | 44 |
| 155 | INSIG2 gene rs7566605 polymorphism is associated with severe obesity in Japanese. Journal of Human Genetics, 2008, 53, 857-862. | 1.1 | 43 |
| 156 | Mutational analysis of the RET proto-oncogene in 71 Japanese patients with medullary thyroid carcinoma. Journal of Human Genetics, 1998, 43, 101-106. | 1.1 | 42 |
| 157 | Genomeâ€wide association study of chemotherapeutic agentâ€induced severe neutropenia/leucopenia for patients in Biobank Japan. Cancer Science, 2013, 104, 1074-1082. | 1.7 | 42 |
| 158 | A first-in-human study investigating biodistribution, safety and recommended dose of a new radiolabeled MAb targeting FZD10 in metastatic synovial sarcoma patients. BMC Cancer, 2018, 18, 646. | 1.1 | 42 |
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