Yasushi Okazaki

List of Publications by Year
in descending order

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252 papers	20,869 citations	24978 57 h-index	11288 136 g-index
307 all docs	307 docs citations	307 times ranked	29178 citing authors

#	Article	IF	Citations
1	Immunohistochemical staining patterns of p53 predict the mutational status of TP53 in oral epithelial dysplasia. Modern Pathology, 2022, 35, 177-185.	2.9	13
2	Neonatal-onset mitochondrial disease: clinical features, molecular diagnosis and prognosis. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2022, 107, 329-334.	1.4	9
3	Development of Leigh syndrome with a high probability of cardiac manifestations in infantile-onset patients with m.14453GÂ>ÂA. Mitochondrion, 2022, 63, 1-8.	1.6	2
4	Recent trends in the morbidity and mortality in patients with familial adenomatous polyposis: a retrospective single institutional study in Japan. International Journal of Clinical Oncology, 2022, 27, 1034-1042.	1.0	4
5	Clinical implementation of RNA sequencing for Mendelian disease diagnostics. Genome Medicine, 2022, 14, 38.	3.6	85
6	Fatal Perinatal Mitochondrial Cardiac Failure Caused by Recurrent De Novo Duplications in the ATAD3 Locus. Med, 2021, 2, 49-73.e10.	2.2	33
7	Prevalence and molecular characteristics of DNA mismatch repair deficient endometrial cancer in a Japanese hospital-based population. Japanese Journal of Clinical Oncology, 2021, 51, 60-69.	0.6	11
8	Advanced pathological study for definite diagnosis of mitochondrial cardiomyopathy. Journal of Clinical Pathology, 2021, 74, 365-371.	1.0	8
9	Prenatal diagnosis of severe mitochondrial diseases caused by nuclear gene defects: a study in Japan. Scientific Reports, 2021, 11, 3531.	1.6	1
10	Comprehensive analysis of DNA mismatch repair-deficient gastric cancer in a Japanese hospital-based population. Japanese Journal of Clinical Oncology, 2021, 51, 886-894.	0.6	2
11	Combined inhibition of XIAP and BCL2 drives maximal therapeutic efficacy in genetically diverse aggressive acute myeloid leukemia. Nature Cancer, 2021, 2, 340-356.	5.7	11
12	Unique and abnormal subependymal pseudocysts in a newborn with mitochondrial disease. Science Progress, 2021, 104, 003685042110118.	1.0	4
13	CD82 is a marker to isolate Î² cell precursors from human iPS cells and plays a role for the maturation of Î² cells. Scientific Reports, 2021, 11, 9530.	1.6	1
14	Germline deletion of chromosome 2p16-21 associated with Lynch syndrome. Human Genome Variation, 2021, 8, 19.	0.4	1
15	A high mutation load of m.14597A>G in MT-ND6 causes Leigh syndrome. Scientific Reports, 2021, 11, 11123.	1.6	8
16	APC germline variant analysis in the adenomatous polyposis phenotype in Japanese patients. International Journal of Clinical Oncology, 2021, 26, 1661-1670.	1.0	7
17	Clinical heterogeneity in patients with m.4412Gâ€¯>â€¯A MT-TM mutation and different heteroplasmy levels. Mitochondrion, 2021, 59, 214-215.	1.6	0
18	Identification of Lynch syndrome-associated DNA mismatch repair-deficient bladder cancer in a Japanese hospital-based population. International Journal of Clinical Oncology, 2021, 26, 1524-1532.	1.0	2

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19	Trigenic ADH5/ALDH2/ADGRV1 mutations in myelodysplasia with Usher syndrome. Heliyon, 2021, 7, e07804.	1.4	2
20	Ngn3-Positive Cells Arise from Pancreatic Duct Cells. International Journal of Molecular Sciences, 2021, 22, 8548.	1.8	2
21	A case of ATR-X syndrome with mitochondrial respiratory chain dysfunction. European Journal of Medical Genetics, 2021, 64, 104251.	0.7	1
22	Genome sequencing and RNAâ€seq analyses of mitochondrial complex I deficiency revealed Alu insertionâ€mediated deletion in NDUFV2. Human Mutation, 2021, 42, 1422-1428.	1.1	4
23	Long-term prognosis and genetic background of cardiomyopathy in 223 pediatric mitochondrial disease patients. International Journal of Cardiology, 2021, 341, 48-55.	0.8	14
24	Prevalence and clinicopathological/molecular characteristics of mismatch repair protein-deficient tumours among surgically treated patients with prostate cancer in a Japanese hospital-based population. Japanese Journal of Clinical Oncology, 2021, 51, 639-645.	0.6	4
25	Valine metabolites analysis in ECHS1 deficiency. Molecular Genetics and Metabolism Reports, 2021, 29, 100809.	0.4	9
26	COL17A1 germline variant p.Ser1029Ala and mucosal malignant melanoma: An autopsy study. Molecular and Clinical Oncology, 2021, 16, 32.	0.4	0
27	Evolutionary History of GLIS Genes Illuminates Their Roles in Cell Reprograming and Ciliogenesis. Molecular Biology and Evolution, 2020, 37, 100-109.	3.5	8
28	Early infantile-onset Leigh syndrome complicated with infantile spasms associated with the m.9185â€Tâ€>â€C variant in the MT-ATP6 gene: Expanding the clinical spectrum. Brain and Development, 2020, 42, 69-72.	0.6	8
29	Prevalence of Lynch syndrome among patients with upper urinary tract carcinoma in a Japanese hospital-based population. Japanese Journal of Clinical Oncology, 2020, 50, 80-88.	0.6	18
30	Clinical and molecular basis of hepatocerebral mitochondrial DNA depletion syndrome in Japan: evaluation of outcomes after liver transplantation. Orphanet Journal of Rare Diseases, 2020, 15, 169.	1.2	29
31	A novel homozygous variant in MICOS13/QIL1 causes hepatoâ€encephalopathy with mitochondrial DNA depletion syndrome. Molecular Genetics & Genomic Medicine, 2020, 8, e1427.	0.6	12
32	Functional annotation of human long noncoding RNAs via molecular phenotyping. Genome Research, 2020, 30, 1060-1072.	2.4	109
33	A case report of adult-onset COQ8B nephropathy presenting focal segmental glomerulosclerosis with granular swollen podocytes. BMC Nephrology, 2020, 21, 376.	0.8	7
34	Leigh Syndrome Due to NDUFV1 Mutations Initially Presenting as LBSL. Genes, 2020, 11, 1325.	1.0	8
35	A homozygous variant in <scp>NDUFA8</scp> is associated with developmental delay, microcephaly, and epilepsy due to mitochondrial complex I deficiency. Clinical Genetics, 2020, 98, 155-165.	1.0	18
36	NAD(P)HX dehydratase protein-truncating mutations are associated with neurodevelopmental disorder exacerbated by acute illness. Brain, 2020, 143, e54-e54.	3.7	7

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37	The first case report of polymerase proofreading-associated polyposis in POLD1 variant, c.1433G>A p.S478N, in Japan. Japanese Journal of Clinical Oncology, 2020, 50, 1080-1083.	0.6	4
38	A novel germline BMPR1A variant (c.72_73delGA) in a Japanese family with hereditary mixed polyposis syndrome. Japanese Journal of Clinical Oncology, 2020, 50, 826-829.	0.6	1
39	Reversible expansion of pancreatic islet progenitors derived from human induced pluripotent stem cells. Genes To Cells, 2020, 25, 302-311.	0.5	6
40	Mortality of Japanese patients with Leigh syndrome: Effects of age at onset and genetic diagnosis. Journal of Inherited Metabolic Disease, 2020, 43, 819-826.	1.7	32
41	Hypermethylation of Corticotropin Releasing Hormone Receptor-2 Gene in Ulcerative Colitis Associated Colorectal Cancer. In Vivo, 2020, 34, 57-63.	0.6	5
42	Clinically applicable cases of anti-programmed cell death protein 1 immunotherapy for colorectal cancer patients. Surgery Today, 2020, 50, 1694-1698.	0.7	1
43	Ski3/TTC37 deficiency associated with trichohepatoenteric syndrome causes mitochondrial dysfunction in Drosophila. FEBS Letters, 2020, 594, 2168-2181.	1.3	4
44	Prevalence and Molecular Characterization of Defective DNA Mismatch Repair in Small-bowel Carcinoma in a Japanese Hospital-based Population. Journal of the Anus, Rectum and Colon, 2020, 4, 165-173.	0.4	1
45	A Model for Predicting DNA Mismatch Repair-deficient Colorectal Cancer. Anticancer Research, 2020, 40, 4379-4385.	0.5	1
46	Effects of 5-aminolevulinic acid and sodium ferrous citrate on fibroblasts from individuals with mitochondrial diseases. Scientific Reports, 2019, 9, 10549.	1.6	19
47	Single-cell transcriptomics reveals expansion of cytotoxic CD4 T cells in supercentenarians. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24242-24251.	3.3	215
48	Expressions of 10 genes as candidate predictors of recurrence in stageï¿½III colon cancer patients receiving adjuvant oxaliplatinâ€‘based chemotherapy. Oncology Letters, 2019, 18, 1388-1394.	0.8	9
49	Successful treatment of infantile-onset ACAD9-related cardiomyopathy with a combination of sodium pyruvate, beta-blocker, and coenzyme Q₁₀. Journal of Pediatric Endocrinology and Metabolism, 2019, 32, 1181-1185.	0.4	7
50	Different phenotypes of gastric fundic gland polyposis and cancer in patients with familial adenomatous polyposis depending on Helicobacter pylori infection. Gastric Cancer, 2019, 22, 1294-1300.	2.7	7
51	Rewiring of the Human Mitochondrial Interactome during Neuronal Reprogramming Reveals Regulators of the Respirasome and Neurogenesis. IScience, 2019, 19, 1114-1132.	1.9	38
52	Transition from Leigh syndrome to MELAS syndrome in a patient with heteroplasmic MT-ND3 m.10158T>C. Brain and Development, 2019, 41, 803-807.	0.6	11
53	Noninvasive diagnosis of TRIT1â€related mitochondrial disorder by measuring i⁶A37 and ms²i⁶A37 modifications in tRNAs from blood and urine samples. American Journal of Medical Genetics, Part A, 2019, 179, 1609-1614.	0.7	6
54	The single-base-pair deletion, MSH2 c.2635-3delC affecting intron 15 splicing can be a cause of Lynch syndrome. Japanese Journal of Clinical Oncology, 2019, 49, 477-480.	0.6	7

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55	Murine osteoclasts secrete serine protease HtrA1 capable of degrading osteoprotegerin in the bone microenvironment. Communications Biology, 2019, 2, 86.	2.0	18
56	Mitochondrial complex deficiency by novel compound heterozygous <scp>TMEM</scp>70 variants and correlation with developmental delay, undescended testicle, and left ventricular noncompaction in a Japanese patient: A case report. Clinical Case Reports (discontinued), 2019, 7, 553-557.	0.2	11
57	Reply to the â€œLetter to the Editorâ€•from Dr. J Finsterer and colleagues. Neurogenetics, 2019, 20, 55-56.	0.7	1
58	A simple method for sequencing the whole human mitochondrial genome directly from samples and its application to genetic testing. Scientific Reports, 2019, 9, 17411.	1.6	20
59	A germline MBD4 mutation was identified in a patient with colorectal oligopolyposis and earlyâ€‘onset cancer: A case report. Oncology Reports, 2019, 42, 1133-1140.	1.2	9
60	Next-Generation Sequencing for Genetic Diagnosis of Hereditary Colorectal Cancer and Polyposis Syndrome. , 2019, , 115-125.		2
61	Recent topics: the diagnosis, molecular genesis, and treatment of mitochondrial diseases. Journal of Human Genetics, 2019, 64, 113-125.	1.1	44
62	Mitochondrial ribosomal protein PTCD3 mutations cause oxidative phosphorylation defects with Leigh syndrome. Neurogenetics, 2019, 20, 9-25.	0.7	46
63	Cardiomyopathy in children with mitochondrial disease: Prognosis and genetic background. International Journal of Cardiology, 2019, 279, 115-121.	0.8	35
64	MT-ND5 Mutation Exhibits Highly Variable Neurological Manifestations at Low Mutant Load. EBioMedicine, 2018, 30, 86-93.	2.7	47
65	Leigh syndrome with spinal cord involvement due to a hemizygous NDUFA1 mutation. Brain and Development, 2018, 40, 498-502.	0.6	15
66	Metabolic and chemical regulation of tRNA modification associated with taurine deficiency and human disease. Nucleic Acids Research, 2018, 46, 1565-1583.	6.5	110
67	Characteristics of MUTYH variants in Japanese colorectal polyposis patients. International Journal of Clinical Oncology, 2018, 23, 497-503.	1.0	10
68	Barth Syndrome: Different Approaches to Diagnosis. Journal of Pediatrics, 2018, 193, 256-260.	0.9	14
69	Japanese pathogenic variant database: DPV. Translational Science of Rare Diseases, 2018, 3, 133-137.	1.6	1
70	A Method for Identifying Mouse Pancreatic Ducts. Tissue Engineering - Part C: Methods, 2018, 24, 480-485.	1.1	3
71	Identification of the Coiled-Coil Domain as an Essential Methyl-CpG-Binding Domain Protein 3 Element for Preserving Lineage Commitment Potential of Embryonic Stem Cells. Stem Cells, 2018, 36, 1355-1367.	1.4	7
72	First report of an Asian family with gastric adenocarcinoma and proximal polyposis of the stomach (GAPPS) revealed with the germline mutation of the APC exon 1B promoter region. Gastric Cancer, 2018, 21, 1058-1063.	2.7	21

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73	Mutations in TOP3A Cause a Bloom Syndrome-like Disorder. American Journal of Human Genetics, 2018, 103, 221-231.	2.6	65
74	Prevalence and molecular characteristics of DNA mismatch repair protein-deficient sebaceous neoplasms and keratoacanthomas in a Japanese hospital-based population. Japanese Journal of Clinical Oncology, 2018, 48, 514-521.	0.6	10
75	Prevalence and molecular characteristics of defective mismatch repair epithelial ovarian cancer in a Japanese hospital-based population. Japanese Journal of Clinical Oncology, 2018, 48, 728-735.	0.6	8
76	A novel mutation in TAZ causes mitochondrial respiratory chain disorder without cardiomyopathy. Journal of Human Genetics, 2017, 62, 539-547.	1.1	5
77	Prevalence and clinicopathologic/molecular characteristics of mismatch repair-deficient colorectal cancer in the under-50-year-old Japanese population. Surgery Today, 2017, 47, 1135-1146.	0.7	11
78	Clinical validity of biochemical and molecular analysis in diagnosing Leigh syndrome: a study of 106 Japanese patients. Journal of Inherited Metabolic Disease, 2017, 40, 685-693.	1.7	78
79	Demeanor of rivaroxaban in activated/inactivated FXa. Journal of Pharmacological Sciences, 2017, 133, 156-161.	1.1	9
80	Prevalence of Lynch syndrome and Lynch-like syndrome among patients with colorectal cancer in a Japanese hospital-based population. Japanese Journal of Clinical Oncology, 2017, 47, 108-117.	0.6	40
81	Loss of miR-542-3p enhances IGFBP-1 expression in decidualizing human endometrial stromal cells. Scientific Reports, 2017, 7, 40001.	1.6	38
82	Biallelic C1QBP Mutations Cause Severe Neonatal-, Childhood-, or Later-Onset Cardiomyopathy Associated with Combined Respiratory-Chain Deficiencies. American Journal of Human Genetics, 2017, 101, 525-538.	2.6	58
83	FANTOM5 CAGE profiles of human and mouse samples. Scientific Data, 2017, 4, 170112.	2.4	195
84	HDR-del: A tool based on Hamming distance for prioritizing pathogenic chromosomal deletions in exome sequencing. Human Mutation, 2017, 38, 1796-1800.	1.1	6
85	ATAD3 gene cluster deletions cause cerebellar dysfunction associated with altered mitochondrial DNA and cholesterol metabolism. Brain, 2017, 140, 1595-1610.	3.7	105
86	Identification of a Japanese Lynch syndrome patient with large deletion in the 3â€² region of theEPCAMgene. Japanese Journal of Clinical Oncology, 2016, 46, hyv172.	0.6	7
87	A Comprehensive Genomic Analysis Reveals the Genetic Landscape of Mitochondrial Respiratory Chain Complex Deficiencies. PLoS Genetics, 2016, 12, e1005679.	1.5	236
88	<scp>DNM1L</scp>â€related encephalopathy in infancy with Leigh syndromeâ€like phenotype and suppressionâ€burst. Clinical Genetics, 2016, 90, 472-474.	1.0	32
89	Combined Overexpression of JARID2, PRDM14, ESRRB, and SALL4A Dramatically Improves Efficiency and Kinetics of Reprogramming to Induced Pluripotent Stem Cells. Stem Cells, 2016, 34, 322-333.	1.4	21
90	Dried blood spots for newborn screening allows easy determination of a high heteroplasmy rate in severe infantile cardiomyopathy. International Journal of Cardiology, 2016, 221, 446-449.	0.8	4

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91	An inhibitor of fibroblast growth factor receptor-1 (FGFR1) promotes late-stage terminal differentiation from NGN3+ pancreatic endocrine progenitors. Scientific Reports, 2016, 6, 35908.	1.6	16
92	HDR: a statistical two-step approach successfully identifies disease genes in autosomal recessive families. Journal of Human Genetics, 2016, 61, 959-963.	1.1	11
93	Biallelic IARS Mutations Cause Growth Retardation with Prenatal Onset, Intellectual Disability, Muscular Hypotonia, and Infantile Hepatopathy. American Journal of Human Genetics, 2016, 99, 414-422.	2.6	73
94	Loss of MAX results in meiotic entry in mouse embryonic and germline stem cells. Nature Communications, 2016, 7, 11056.	5.8	68
95	Rapid detection of germline mutations for hereditary gastrointestinal polyposis/cancers using HaloPlex target enrichment and high-throughput sequencing technologies. Familial Cancer, 2016, 15, 553-562.	0.9	21
96	Rapidly progressive infantile cardiomyopathy with mitochondrial respiratory chain complex V deficiency due to loss of ATPase 6 and 8 protein. International Journal of Cardiology, 2016, 207, 203-205.	0.8	23
97	Deficiency of <scp>ECHS</scp>1 causes mitochondrial encephalopathy with cardiac involvement. Annals of Clinical and Translational Neurology, 2015, 2, 492-509.	1.7	90
98	Gene Expression Profile of the Neonatal Female Mouse Brain After Administration of Testosterone Propionate. Journal of Sexual Medicine, 2015, 12, 887-896.	0.3	2
99	Exploring standards for industrializing human induced pluripotent stem cells. Pharmaceutical Bioprocessing, 2015, 3, 199-213.	0.8	1
100	Forced Expression of Nanog or Esrrb Preserves the ESC Status in the Absence of Nucleostemin Expression. Stem Cells, 2015, 33, 1089-1101.	1.4	6
101	Mitochondrial Disease Sequence Data Resource (MSeqDR): A global grass-roots consortium to facilitate deposition, curation, annotation, and integrated analysis of genomic data for the mitochondrial disease clinical and research communities. Molecular Genetics and Metabolism, 2015, 114, 388-396.	0.5	76
102	COQ4 Mutations Cause a Broad Spectrum of Mitochondrial Disorders Associated with CoQ10 Deficiency. American Journal of Human Genetics, 2015, 96, 309-317.	2.6	86
103	Transcribed enhancers lead waves of coordinated transcription in transitioning mammalian cells. Science, 2015, 347, 1010-1014.	6.0	517
104	MicroRNA-135b suppresses extravillous trophoblast-derived HTR-8/SVneo cell invasion by directly down regulating CXCL12 underÂlow oxygen conditions. Biochemical and Biophysical Research Communications, 2015, 461, 421-426.	1.0	30
105	Donepezil prevents RANK-induced bone loss via inhibition of osteoclast differentiation by downregulating acetylcholinesterase. Heliyon, 2015, 1, e00013.	1.4	19
106	Myocerebrohepatopathy spectrum disorder due to POLG mutations: A clinicopathological report. Brain and Development, 2015, 37, 719-724.	0.6	13
107	Intra-mitochondrial Methylation Deficiency Due to Mutations in SLC25A26. American Journal of Human Genetics, 2015, 97, 761-768.	2.6	58
108	Functional Compensation Between Myc and PI3K Signaling Supports Self-Renewal of Embryonic Stem Cells. Stem Cells, 2015, 33, 713-725.	1.4	13

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109	Prognostic phenotypic and genotypic factors associated with photodynamic therapy response in patients with age-related macular degeneration. Clinical Ophthalmology, 2014, 8, 2471.	0.9	7
110	Mutations in GTPBP3 Cause a Mitochondrial Translation Defect Associated with Hypertrophic Cardiomyopathy, Lactic Acidosis, and Encephalopathy. American Journal of Human Genetics, 2014, 95, 708-720.	2.6	123
111	Genomic aspects of common diseases. Biochemical and Biophysical Research Communications, 2014, 452, 211-212.	1.0	0
112	Molecular diagnosis of mitochondrial respiratory chain disorders in <scp>J</scp>apan: Focusing on mitochondrial <scp>DNA</scp> depletion syndrome. Pediatrics International, 2014, 56, 180-187.	0.2	15
113	Identification of Ccr4-Not Complex Components as Regulators of Transition from Partial to Genuine Induced Pluripotent Stem Cells. Stem Cells and Development, 2014, 23, 2170-2179.	1.1	9
114	A Genome-Wide Association Study for Diabetic Retinopathy in a Japanese Population: Potential Association with a Long Intergenic Non-Coding RNA. PLoS ONE, 2014, 9, e111715.	1.1	81
115	A promoter-level mammalian expression atlas. Nature, 2014, 507, 462-470.	13.7	1,838
116	New MTâ€ND6 and NDUFA1 mutations in mitochondrial respiratory chain disorders. Annals of Clinical and Translational Neurology, 2014, 1, 361-369.	1.7	19
117	Netrinâ€4 derived from murine vascular endothelial cells inhibits osteoclast differentiation in vitro and prevents bone loss in vivo. FEBS Letters, 2014, 588, 2262-2269.	1.3	26
118	Exome sequencing of senescence-accelerated mice (SAM) reveals deleterious mutations in degenerative disease-causing genes. BMC Genomics, 2013, 14, 248.	1.2	29
119	Tysnd1 Deficiency in Mice Interferes with the Peroxisomal Localization of PTS2 Enzymes, Causing Lipid Metabolic Abnormalities and Male Infertility. PLoS Genetics, 2013, 9, e1003286.	1.5	32
120	The Paired-box Homeodomain Transcription Factor Pax6 Binds to the Upstream Region of the TRAP Gene Promoter and Suppresses Receptor Activator of NF-Îº B Ligand (RANKL)-induced Osteoclast Differentiation. Journal of Biological Chemistry, 2013, 288, 31299-31312.	1.6	20
121	Fam57b (Family with Sequence Similarity 57, Member B), a Novel Peroxisome Proliferator-activated Receptor Î³ Target Gene That Regulates Adipogenesis through Ceramide Synthesis. Journal of Biological Chemistry, 2013, 288, 4522-4537.	1.6	28
122	Sirt1, p53, and p38 ^{MAPK} Are Crucial Regulators of Detrimental Phenotypes of Embryonic Stem Cells with Max Expression Ablation. Stem Cells, 2012, 30, 1634-1644.	1.4	18
123	<scp><scp>ALEX1</scp></scp> suppresses colony formation ability of human colorectal carcinoma cell lines. Cancer Science, 2012, 103, 1267-1271.	1.7	16
124	A novel mutation of ALK2, L196P, found in the most benign case of fibrodysplasia ossificans progressiva activates BMP-specific intracellular signaling equivalent to a typical mutation, R206H. Biochemical and Biophysical Research Communications, 2011, 407, 213-218.	1.0	47
125	Analysis of Gene Expression Profiles in Fatal Hepatic Failure After Hepatectomy in Mice. Journal of Surgical Research, 2011, 169, 36-43.	0.8	2
126	Indefinite Self-Renewal of ESCs through Myc/Max Transcriptional Complex-Independent Mechanisms. Cell Stem Cell, 2011, 9, 37-49.	5.2	64

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127	Complement Factor H and High-Temperature Requirement A-1 Genotypes and Treatment Response of Age-related Macular Degeneration. Ophthalmology, 2011, 118, 93-100.	2.5	53
128	Restriction Landmark Genome Scanning. Methods in Molecular Biology, 2011, 791, 101-112.	0.4	9
129	Homozygosity Mapping on Homozygosity Haplotype Analysis to Detect Recessive Disease-Causing Genes from a Small Number of Unrelated, Outbred Patients. PLoS ONE, 2011, 6, e25059.	1.1	9
130	Association of UGT2B7 and ABCB1 genotypes with morphine-induced adverse drug reactions in Japanese patients with cancer. Cancer Chemotherapy and Pharmacology, 2010, 65, 251-258.	1.1	83
131	Integration of exogenous DNA into mouse embryonic stem cell chromosomes shows preference into genes and frequent modification at junctions. Chromosome Research, 2010, 18, 191-201.	1.0	5
132	A quantitatively-modeled homozygosity mapping algorithm, qHomozygosityMapping, utilizing whole genome single nucleotide polymorphism genotyping data. BMC Bioinformatics, 2010, 11, S5.	1.2	9
133	Human Arm protein lost in epithelial cancers, on chromosome X 1 (ALEX1) gene is transcriptionally regulated by CREB and Wnt/Î²â€catenin signaling. Cancer Science, 2010, 101, 1361-1366.	1.7	16
134	Dual Roles of Smad Proteins in the Conversion from Myoblasts to Osteoblastic Cells by Bone Morphogenetic Proteins. Journal of Biological Chemistry, 2010, 285, 15577-15586.	1.6	70
135	Id4, a New Candidate Gene for Senile Osteoporosis, Acts as a Molecular Switch Promoting Osteoblast Differentiation. PLoS Genetics, 2010, 6, e1001019.	1.5	67
136	Curdlan Induces DC-Mediated Th17 Polarization via Jagged1 Activation in Human Dendritic Cells. Allergology International, 2010, 59, 161-166.	1.4	43
137	Development of a rapid culture method to induce adipocyte differentiation of human bone marrow-derived mesenchymal stem cells. Biochemical and Biophysical Research Communications, 2010, 394, 303-308.	1.0	34
138	Constitutively Activated ALK2 and Increased SMAD1/5 Cooperatively Induce Bone Morphogenetic Protein Signaling in Fibrodysplasia Ossificans Progressiva. Journal of Biological Chemistry, 2009, 284, 7149-7156.	1.6	184
139	Novel mechanisms of suppressor activity exhibited by cytotoxic regulatory T cell lines, HOZOT. Experimental Hematology, 2009, 37, 92-100.	0.2	10
140	miRâ€210 promotes osteoblastic differentiation through inhibition of AcvR1b. FEBS Letters, 2009, 583, 2263-2268.	1.3	201
141	Differential Requirement for Nucleostemin in Embryonic Stem Cell and Neural Stem Cell Viability. Stem Cells, 2009, 27, 1066-1076.	1.4	30
142	The transcriptional network that controls growth arrest and differentiation in a human myeloid leukemia cell line. Nature Genetics, 2009, 41, 553-562.	9.4	408
143	Fluctuating liver functions in siblings with MPV17 mutations and possible improvement associated with dietary and pharmaceutical treatments targeting respiratory chain complex II. Molecular Genetics and Metabolism, 2009, 97, 292-296.	0.5	37
144	Gene Expression During Liver Regeneration After Partial Hepatectomy in Mice Lacking Type 1 Tumor Necrosis Factor Receptor. Journal of Surgical Research, 2009, 152, 178-188.	0.8	11

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145	Predicted mouse peroxisome-targeted proteins and their actual subcellular locations. BMC Bioinformatics, 2008, 9, S16.	1.2	15
146	4-Hydroxydocosahexaenoic acid, a potent peroxisome proliferator-activated receptor Î³ agonist alleviates the symptoms of DSS-induced colitis. Biochemical and Biophysical Research Communications, 2008, 367, 566-572.	1.0	13
147	miR-125b inhibits osteoblastic differentiation by down-regulation of cell proliferation. Biochemical and Biophysical Research Communications, 2008, 368, 267-272.	1.0	273
148	A unique mutation of ALK2, G356D, found in a patient with fibrodysplasia ossificans progressiva is a moderately activated BMP type I receptor. Biochemical and Biophysical Research Communications, 2008, 377, 905-909.	1.0	69
149	Identification of novel PPARÎ³ target genes by integrated analysis of ChIP-on-chip and microarray expression data during adipocyte differentiation. Biochemical and Biophysical Research Communications, 2008, 372, 362-366.	1.0	52
150	B Cell Chemoattractant CXCL13 Is Preferentially Expressed by Human Th17 Cell Clones. Journal of Immunology, 2008, 181, 186-189.	0.4	73
151	Estrogen-related receptor Î± modulates the expression of adipogenesis-related genes during adipocyte differentiation. Biochemical and Biophysical Research Communications, 2007, 358, 813-818.	1.0	63
152	Liver X receptor ligands inhibit the lipopolysaccharide-induced expression of microsomal prostaglandin E synthase-1 and diminish prostaglandin E2 production in murine peritoneal macrophages. Journal of Steroid Biochemistry and Molecular Biology, 2007, 103, 44-50.	1.2	14
153	Novel homeodomainâ€interacting protein kinase family member, HIPK4, phosphorylates human p53 at serine 9. FEBS Letters, 2007, 581, 5649-5657.	1.3	46
154	Homozygosity Haplotype Allows a Genomewide Search for the Autosomal Segments Shared among Patients. American Journal of Human Genetics, 2007, 80, 1090-1102.	2.6	59
155	Novel peroxisomal protease Tysnd1 processes PTS1- and PTS2-containing enzymes involved in Î²-oxidation of fatty acids. EMBO Journal, 2007, 26, 835-845.	3.5	94
156	Isolation of a novel mouse gene, mSVS-1/SUSD2, reversing tumorigenic phenotypes of cancer cells in vitro. Cancer Science, 2007, 98, 900-908.	1.7	35
157	von Willebrand factor type D domain mutant of SVS-1/SUSD2, vWDm, induces apoptosis in HeLa cells. Cancer Science, 2007, 98, 909-915.	1.7	12
158	Clinical Significance of Large Tenascin-C Spliced Variant as a Potential Biomarker for Colorectal Cancer. World Journal of Surgery, 2007, 31, 388-394.	0.8	26
159	Association of the HTRA1 gene variant with age-related macular degeneration in the Japanese population. Journal of Human Genetics, 2007, 52, 636-641.	1.1	55
160	Identification of novel steroid target genes through the combination of bioinformatics and functional analysis of hormone response elements. Biochemical and Biophysical Research Communications, 2006, 339, 99-106.	1.0	47
161	Chemosensitivity prediction in esophageal squamous cell carcinoma: Novel marker genes and efficacy-prediction formulae using their expression data. International Journal of Oncology, 2006, 28, 1153.	1.4	5
162	The study of metabolic pathways in tumors based on the transcriptome. Seminars in Cancer Biology, 2005, 15, 290-299.	4.3	12

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