Takahiro Nagase

List of Publications by Year
in descending order

59 papers	3,936 citations	186265 28 h-index	133252 59 g-index
60 all docs	60 docs citations	60 times ranked	5595 citing authors

#	Article	IF	Citations
1	Complete sequencing and characterization of 21,243 full-length human cDNAs. Nature Genetics, 2004, 36, 40-45.	21.4	796
2	Association of structural polymorphisms in the human period3 gene with delayed sleep phase syndrome. EMBO Reports, 2001, 2, 342-346.	4.5	485
3	Multitissue Circadian Expression of Rat periodHomolog (rPer2) mRNA Is Governed by the Mammalian Circadian Clock, the Suprachiasmatic Nucleus in the Brain. Journal of Biological Chemistry, 1998, 273, 27039-27042.	3.4	272
4	Antiphase Circadian Expression betweenBMAL1andperiodHomologue mRNA in the Suprachiasmatic Nucleus and Peripheral Tissues of Rats. Biochemical and Biophysical Research Communications, 1998, 253, 199-203.	2.1	216
5	Prediction of the Coding Sequences of Unidentified Human Genes. XII. The Complete Sequences of 100 New cDNA Clones from Brain Which Code for Large Proteins in vitro. DNA Research, 1998, 5, 355-364.	3.4	214
6	Identification of High-Molecular-Weight Proteins with Multiple EGF-like Motifs by Motif-Trap Screening. Genomics, 1998, 51, 27-34.	2.9	159
7	Prediction of the Coding Sequences of Unidentified Human Genes. V. The Coding Sequences of 40 New Genes (KIAA0161-KIAA0200) Deduced by Analysis of cDNA Clones from Human Cell Line KG-1. DNA Research, 1996, 3, 17-24.	3.4	116
8	Humoral signals mediate the circadian expression of rat period homologue (rPer2) mRNA in peripheral tissues. Neuroscience Letters, 1998, 256, 117-119.	2.1	97
9	The CAP-Gly Domain of CYLD Associates with the Proline-Rich Sequence in NEMO/IKKÎ³. Structure, 2004, 12, 1719-1728.	3.3	93
10	Identification of New Human Mastermind Proteins Defines a Family That Consists of Positive Regulators for Notch Signaling. Journal of Biological Chemistry, 2002, 277, 50612-50620.	3.4	82
11	HUGE: a database for human KIAA proteins, a 2004 update integrating HUGEppi and ROUGE. Nucleic Acids Research, 2004, 32, 502D-504.	14.5	78
12	KAT7/HBO1/MYST2 Regulates CENP-A Chromatin Assembly by Antagonizing Suv39h1-Mediated Centromere Inactivation. Developmental Cell, 2016, 37, 413-427.	7.0	78
13	HUGE: a database for human large proteins identified in the Kazusa cDNA sequencing project. Nucleic Acids Research, 2002, 30, 166-168.	14.5	74
14	Requirement of protein co-factor for the DNA-binding function of the human ski proto-oncogene product. Nucleic Acids Research, 1990, 18, 337-343.	14.5	65
15	Exploration of Human ORFeome: High-Throughput Preparation of ORF Clones and Efficient Characterization of Their Protein Products. DNA Research, 2008, 15, 137-149.	3.4	58
16	CENP-C and CENP-I are key connecting factors for kinetochore and CENP-A assembly. Journal of Cell Science, 2015, 128, 4572-87.	2.0	58
17	Phosphorylation of clock protein PER1 regulates its circadian degradation in normal human fibroblasts. Biochemical Journal, 2004, 380, 95-103.	3.7	54
18	A Genetically Encoded Probe for Live-Cell Imaging of H4K20 Monomethylation. Journal of Molecular Biology, 2016, 428, 3885-3902.	4.2	52

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19	Heterotrimeric G Protein Î²Î³ Subunits Stimulate FLJ00018, a Guanine Nucleotide Exchange Factor for Rac1 and Cdc42. Journal of Biological Chemistry, 2008, 283, 1946-1953.	3.4	51
20	Identification of three novel non-classical cadherin genes through comprehensive analysis of large cDNAs. Molecular Brain Research, 2001, 94, 85-95.	2.3	48
21	Mastermind-like 1 (MamL1) and mastermind-like 3 (MamL3) are essential for Notch signaling in vivo. Development (Cambridge), 2011, 138, 5235-5246.	2.5	48
22	c-Myb Repression of c- erbB-2 Transcription by Direct Binding to the c- erbB-2 Promoter. Journal of Biological Chemistry, 1995, 270, 9384-9389.	3.4	45
23	NFBD1/KIAA0170 Is a Novel Nuclear Transcriptional Transactivator with BRCT Domain. DNA and Cell Biology, 2000, 19, 475-485.	1.9	43
24	Prediction of the Coding Sequences of Mouse Homologues of KIAA Gene: II. The Complete Nucleotide Sequences of 400 Mouse KIAA-homologous cDNAs Identified by Screening of Terminal Sequences of cDNA Clones Randomly Sampled from Size-fractionated Libraries. DNA Research, 2003, 10, 35-48.	3.4	43
25	Transcriptionaltrans-repression by the c-mybproto-oncogene product. Nucleic Acids Research, 1989, 17, 7315-7324.	14.5	40
26	HUGE: a database for human large proteins identified by Kazusa cDNA sequencing project. Nucleic Acids Research, 1999, 27, 338-339.	14.5	36
27	Circadian expression of clock genes during ontogeny in the rat heart. NeuroReport, 2002, 13, 1239-1242.	1.2	33
28	CENP-B creates alternative epigenetic chromatin states permissive for CENP-A or heterochromatin assembly. Journal of Cell Science, 2020, 133, .	2.0	32
29	Pulse-Chase Experiment for the Analysis of Protein Stability in Cultured Mammalian Cells by Covalent Fluorescent Labeling of Fusion Proteins. Methods in Molecular Biology, 2009, 577, 121-131.	0.9	31
30	Construction of Expression-ready cDNA Clones for KIAA Genes: Manual Curation of 330 KIAA cDNA Clones. DNA Research, 2002, 9, 99-106.	3.4	30
31	The Novel Protein Complex with SMARCAD1/KIAA1122 Binds to the Vicinity of TSS. Journal of Molecular Biology, 2008, 382, 257-265.	4.2	29
32	Galectin-1 and Galectin-3 Mediate Protocadherin-24-Dependent Membrane Localization of Î²-catenin in Colon Cancer Cell Line HCT116. Current Chemical Genomics, 2013, 6, 18-26.	2.0	27
33	Prediction of the Coding Sequences of Mouse Homologues of KIAA Gene: III. The Complete Nucleotide Sequences of 500 Mouse KIAA-homologous cDNAs Identified by Screening of Terminal Sequences of cDNA Clones Randomly Sampled from Size-fractionated Libraries. DNA Research, 2003, 10, 167-180.	3.4	26
34	A Comprehensive Approach for Establishment of the Platform to Analyze Functions of KIAA Proteins II: Public Release of Inaugural Version of InGaP Database Containing Gene/Protein Expression Profiles for 127 Mouse KIAA Genes/Proteins. DNA Research, 2004, 11, 293-304.	3.4	25
35	Dynamic and coordinated expression profile of dbl-family guanine nucleotide exchange factors in the developing mouse brain. Gene Expression Patterns, 2003, 3, 375-381.	0.8	24
36	Prediction of the Coding Sequences of Mouse Homologues of KIAA Gene: I. The Complete Nucleotide Sequences of 100 Mouse KIAA-homologous cDNAs Identified by Screening of Terminal Sequences of cDNA Clones Randomly Sampled from Size-fractionated Libraries. DNA Research, 2002, 9, 179-188.	3.4	19

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37	KAP1-independent transcriptional repression of SCAN-KRAB-containing zinc finger proteins. Biochemical and Biophysical Research Communications, 2009, 388, 689-694.	2.1	19
38	Histone modification dynamics as revealed by a multicolor immunofluorescence-based single-cell analysis. Journal of Cell Science, 2020, 133, .	2.0	19
39	Trans-regulation of myogenin promoter/enhancer activity by c-ski during skeletal-muscle differentiation: the C-terminus of the c-Ski protein is essential for transcriptional regulatory activity in myotubes. Biochemical Journal, 1997, 328, 607-613.	3.7	18
40	The pineal gland is not essential for circadian expression of rat period homologue (rper2) mRNA in the suprachiasmatic nucleus and peripheral tissues. Brain Research, 2000, 885, 298-302.	2.2	17
41	Detection of Spurious Interruptions of Protein-Coding Regions in Cloned cDNA Sequences by GeneMark Analysis. Genome Research, 2000, 10, 1333-1341.	5.5	17
42	Alternative Splice Variants Encoding Unstable Protein Domains Exist in the Human Brain. Journal of Molecular Biology, 2004, 343, 1207-1220.	4.2	17
43	Preparation of a Set of Expression-Ready Clones of Mammalian Long cDNAs Encoding Large Proteins by the ORF Trap Cloning Method. DNA Research, 2005, 12, 257-267.	3.4	16
44	Kazusa mammalian cDNA resources: towards functional characterization of KIAA gene products. Briefings in Functional Genomics & Proteomics, 2006, 5, 4-7.	3.8	16
45	H3K9me3 maintenance on a Human Artificial Chromosome is required for segregation but not centromere epigenetic memory. Journal of Cell Science, 2020, 133, .	2.0	15
46	A transient increase of snoN transcript by growth arrest upon serum deprivation and cell-to-cell contact. FEBS Letters, 1996, 397, 253-259.	2.8	11
47	The Kazusa cDNA project for identification of unknown human transcripts. Comptes Rendus - Biologies, 2003, 326, 959-966.	0.2	11
48	Threonine 680 Phosphorylation of FLJ00018/PLEKHG2, a Rho Family-specific Guanine Nucleotide Exchange Factor, by Epidermal Growth Factor Receptor Signaling Regulates Cell Morphology of Neuro-2a Cells. Journal of Biological Chemistry, 2014, 289, 10045-10056.	3.4	11
49	Identification of a Rho family specific guanine nucleotide exchange factor, FLJ00018, as a novel actin-binding protein. Cellular Signalling, 2013, 25, 41-49.	3.6	10
50	Four-and-a-half LIM Domains 1 (FHL1) Protein Interacts with the Rho Guanine Nucleotide Exchange Factor PLEKHG2/FLJ00018 and Regulates Cell Morphogenesis. Journal of Biological Chemistry, 2016, 291, 25227-25238.	3.4	10
51	Heterotrimeric G protein Gî±s subunit attenuates PLEKHG2, a Rho family-specific guanine nucleotide exchange factor, by direct interaction. Cellular Signalling, 2017, 32, 115-123.	3.6	10
52	Specific activation of PLEKHG2-induced serum response element-dependent gene transcription by four-and-a-half LIM domains (FHL) 1, but not FHL2 or FHL3. Small GTPases, 2019, 10, 361-366.	1.6	8
53	PLEKHG2/FLJ00018, a Rho family-specific guanine nucleotide exchange factor, is tyrosine phosphorylated via the EphB2/cSrc signaling pathway. Cellular Signalling, 2014, 26, 691-696.	3.6	7
54	Temporal change in mKIAA gene expression during the early stage of retinoic acid-induced neurite outgrowth. Gene, 2005, 364, 114-122.	2.2	6

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55	The interaction between PLEKHG2 and ABL1 suppresses cell growth via the NF-ÎºB signaling pathway in HEK293 cells. Cellular Signalling, 2019, 61, 93-107.	3.6	5
56	The Rho guanine nucleotide exchange factor PLEKHG1 is activated by interaction with and phosphorylation by Src family kinase member FYN. Journal of Biological Chemistry, 2022, 298, 101579.	3.4	5
57	Utilization of mammalian cells for efficient and reliable evaluation of specificity of antibodies to unravel the cellular function of mKIAA proteins. Gene, 2005, 360, 35-44.	2.2	3
58	Gs and Gq signalings regulate hPEM-2-induced cell responses in Neuro-2a cells. Biochemical and Biophysical Research Communications, 2011, 415, 168-173.	2.1	3
59	DBS is activated by EPHB2/SRC signaling-mediated tyrosine phosphorylation in HEK293 cells. Molecular and Cellular Biochemistry, 2019, 459, 83-93.	3.1	3