

# Takefumi Sone

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8840862/publications.pdf>

Version: 2024-02-01

44  
papers

1,786  
citations

279798

23  
h-index

276875

41  
g-index

47  
all docs

47  
docs citations

47  
times ranked

4724  
citing authors

#	ARTICLE	IF	CITATIONS
1	The LC3 recruitment mechanism is separate from Atg9L1-dependent membrane formation in the autophagic response against <i>Salmonella</i> . <i>Molecular Biology of the Cell</i> , 2011, 22, 2290-2300.	2.1	158
2	Evidence for high specificity and efficiency of multiple recombination signals in mixed DNA cloning by the Multisite Gateway system. <i>Journal of Biotechnology</i> , 2004, 107, 233-243.	3.8	114
3	Proteome Analysis of Human Metaphase Chromosomes. <i>Journal of Biological Chemistry</i> , 2005, 280, 16994-17004.	3.4	114
4	The Y chromosome in the liverwort <i>Marchantia polymorpha</i> has accumulated unique repeat sequences harboring a male-specific gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 9454-9459.	7.1	95
5	Bryophyte 5S rDNA was inserted into 45S rDNA repeat units after the divergence from higher land plants. <i>Plant Molecular Biology</i> , 1999, 41, 679-685.	3.9	84
6	Controlling the Regional Identity of hPSC-Derived Neurons to Uncover Neuronal Subtype Specificity of Neurological Disease Phenotypes. <i>Stem Cell Reports</i> , 2015, 5, 1010-1022.	4.8	84
7	Establishment of In Vitro FUS-Associated Familial Amyotrophic Lateral Sclerosis Model Using Human Induced Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2016, 6, 496-510.	4.8	74
8	T-type Calcium Channels Determine the Vulnerability of Dopaminergic Neurons to Mitochondrial Stress in Familial Parkinson Disease. <i>Stem Cell Reports</i> , 2018, 11, 1171-1184.	4.8	66
9	Construction of male and female PAC genomic libraries suitable for identification of Y-chromosome-specific clones from the liverwort, <i>Marchantia polymorpha</i> . <i>Plant Journal</i> , 2000, 24, 421-428.	5.7	65
10	Cochlear Cell Modeling Using Disease-Specific iPSCs Unveils a Degenerative Phenotype and Suggests Treatments for Congenital Progressive Hearing Loss. <i>Cell Reports</i> , 2017, 18, 68-81.	6.4	63
11	A novel gene delivery system in plants with calcium alginate micro-beads. <i>Journal of Bioscience and Bioengineering</i> , 2002, 94, 87-91.	2.2	62
12	Efficient induction of dopaminergic neuron differentiation from induced pluripotent stem cells reveals impaired mitophagy in PARK2 neurons. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 88-93.	2.1	55
13	Importin- $\beta$ 2 and the small guanosine triphosphatase Ran mediate chromosome loading of the human chromokinesin Kid. <i>Journal of Cell Biology</i> , 2008, 180, 493-506.	5.2	53
14	A comparative proteome analysis of human metaphase chromosomes isolated from two different cell lines reveals a set of conserved chromosome-associated proteins. <i>Genes To Cells</i> , 2007, 12, 269-284.	1.2	52
15	Additional locus of rDNA sequence specific to the X chromosome of the liverwort, <i>Marchantia polymorpha</i> . <i>Chromosome Research</i> , 2001, 9, 469-473.	2.2	51
16	The pathogenesis linked to coenzyme Q10 insufficiency in iPSC-derived neurons from patients with multiple-system atrophy. <i>Scientific Reports</i> , 2018, 8, 14215.	3.3	50
17	Aberrant axon branching via Fos-B dysregulation in FUS-ALS motor neurons. <i>EBioMedicine</i> , 2019, 45, 362-378.	6.1	49
18	Down-regulation of ghrelin receptors on dopaminergic neurons in the substantia nigra contributes to Parkinson's disease-like motor dysfunction. <i>Molecular Brain</i> , 2018, 11, 6.	2.6	43

#	ARTICLE	IF	CITATIONS
19	Multi-gene Gateway clone design for expression of multiple heterologous genes in living cells: Conditional gene expression at near physiological levels. <i>Journal of Biotechnology</i> , 2005, 118, 123-134.	3.8	38
20	cHS4 Insulator-mediated Alleviation of Promoter Interference during Cell-based Expression of Tandemly Associated Transgenes. <i>Journal of Molecular Biology</i> , 2007, 374, 580-590.	4.2	35
21	Robust and efficient knock-in in embryonic stem cells and early-stage embryos of the common marmoset using the CRISPR-Cas9 system. <i>Scientific Reports</i> , 2019, 9, 1528.	3.3	35
22	Changes in Chromosomal Surface Structure by Different Isolation Conditions.. <i>Archives of Histology and Cytology</i> , 2002, 65, 445-455.	0.2	32
23	A novel transfection method for mammalian cells using calcium alginate microbeads. <i>Journal of Bioscience and Bioengineering</i> , 2004, 97, 191-195.	2.2	32
24	miRNA-Based Rapid Differentiation of Purified Neurons from hPSCs Advancetowards Quick Screening for Neuronal Disease Phenotypes In Vitro. <i>Cells</i> , 2020, 9, 532.	4.1	27
25	A Novel Gene Delivery System in Plants with Calcium Alginate Micro-Beads. <i>Journal of Bioscience and Bioengineering</i> , 2002, 94, 87-91.	2.2	23
26	Multi-gene gateway clone design for expression of multiple heterologous genes in living cells: Eukaryotic clones containing two and three ORF multi-gene cassettes expressed from a single promoter. <i>Journal of Biotechnology</i> , 2008, 136, 103-112.	3.8	21
27	Comparison of Expressed Sequence Tags from Male and Female Sexual Organs of <i>Marchantia polymorpha</i> . <i>DNA Research</i> , 2000, 7, 165-174.	3.4	20
28	Multi-gene gateway clone design for expression of multiple heterologous genes in living cells: Modular construction of multiple cDNA expression elements using recombinant cloning. <i>Journal of Biotechnology</i> , 2008, 136, 113-121.	3.8	20
29	Thermophilic Bacilli Have Split Cytochrome b Genes for Cytochrome b6 and Subunit IV. <i>Journal of Biological Chemistry</i> , 1995, 270, 10612-10617.	3.4	19
30	Generation of iPS Cells Using a BacMam Multigene Expression System. <i>Cell Structure and Function</i> , 2011, 36, 209-222.	1.1	19
31	Protein composition of human metaphase chromosomes analyzed by two-dimensional electrophoreses. <i>Cytogenetic and Genome Research</i> , 2004, 107, 49-54.	1.1	18
32	Generation of D1-1 TALEN isogenic control cell line from Dravet syndrome patient iPSCs using TALEN-mediated editing of the SCN1A gene. <i>Stem Cell Research</i> , 2018, 28, 100-104.	0.7	15
33	Simultaneous Single Cell Stable Expression of 2-4 cDNAs in HeLaS3 Using .PHI.C31 Integrase System. <i>Cell Structure and Function</i> , 2009, 34, 47-59.	1.1	15
34	Calreticulin as a new histone binding protein in mitotic chromosomes. <i>Cytogenetic and Genome Research</i> , 2006, 115, 10-15.	1.1	14
35	Cell-specific overexpression of COMT in dopaminergic neurons of Parkinson's disease. <i>Brain</i> , 2019, 142, 1675-1689.	7.6	13
36	A versatile nonviral vector system for tetracycline-dependent one-step conditional induction of transgene expression. <i>Gene Therapy</i> , 2009, 16, 1383-1394.	4.5	11

#	ARTICLE	IF	CITATIONS
37	A versatile toolbox for knock-in gene targeting based on the Multisite Gateway technology. PLoS ONE, 2019, 14, e0221164.	2.5	10
38	Reduced PHOX2B stability causes axonal growth impairment in motor neurons with TARDBP mutations. Stem Cell Reports, 2021, 16, 1527-1541.	4.8	10
39	Methods for Constructing Clones for Protein Expression in Mammalian Cells. Methods in Molecular Biology, 2012, 801, 227-250.	0.9	7
40	Identification of hub molecules of FUS-ALS by Bayesian gene regulatory network analysis of iPSC model: iBRN. Neurobiology of Disease, 2021, 155, 105364.	4.4	7
41	Dual usage of a stage-specific fluorescent reporter system based on a helper-dependent adenoviral vector to visualize osteogenic differentiation. Scientific Reports, 2019, 9, 9705.	3.3	3
42	Generation of gene-corrected iPSCs line (KEIUi001-A) from a PARK8 patient iPSCs with familial Parkinson's disease carrying the I2020T mutation in LRRK2. Stem Cell Research, 2020, 49, 102073.	0.7	3
43	TPT1 Supports Proliferation of Neural Stem/Progenitor Cells and Brain Tumor Initiating Cells Regulated by Macrophage Migration Inhibitory Factor (MIF). Neurochemical Research, 2022, 47, 2741-2756.	3.3	3
44	Cell Engineering Using Integrase and Recombinase Systems. , 0, , 379-384.		1