

Takefumi Sone

List of Publications by Year in descending order

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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	TPT1 Supports Proliferation of Neural Stem/Progenitor Cells and Brain Tumor Initiating Cells Regulated by Macrophage Migration Inhibitory Factor (MIF). <i>Neurochemical Research</i> , 2022, 47, 2741-2756.	3.3	3
2	Reduced PHOX2B stability causes axonal growth impairment in motor neurons with TARDBP mutations. <i>Stem Cell Reports</i> , 2021, 16, 1527-1541.	4.8	10
3	Identification of hub molecules of FUS-ALS by Bayesian gene regulatory network analysis of iPSC model: iBRN. <i>Neurobiology of Disease</i> , 2021, 155, 105364.	4.4	7
4	Generation of gene-corrected iPSCs line (KEIUI001-A) from a PARK8 patient iPSCs with familial Parkinson's disease carrying the I2020T mutation in LRRK2. <i>Stem Cell Research</i> , 2020, 49, 102073.	0.7	3
5	miRNA-Based Rapid Differentiation of Purified Neurons from hPSCs Advancestowards Quick Screening for Neuronal Disease Phenotypes In Vitro. <i>Cells</i> , 2020, 9, 532.	4.1	27
6	Dual usage of a stage-specific fluorescent reporter system based on a helper-dependent adenoviral vector to visualize osteogenic differentiation. <i>Scientific Reports</i> , 2019, 9, 9705.	3.3	3
7	Aberrant axon branching via Fos-B dysregulation in FUS-ALS motor neurons. <i>EBioMedicine</i> , 2019, 45, 362-378.	6.1	49
8	A versatile toolbox for knock-in gene targeting based on the Multisite Gateway technology. <i>PLoS ONE</i> , 2019, 14, e0221164.	2.5	10
9	Cell-specific overexpression of COMT in dopaminergic neurons of Parkinson's disease. <i>Brain</i> , 2019, 142, 1675-1689.	7.6	13
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	Methods for Constructing Clones for Protein Expression in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2012, 801, 227-250.	0.9	7
20	Generation of iPS Cells Using a BacMam Multigene Expression System. <i>Cell Structure and Function</i> , 2011, 36, 209-222.	1.1	19
21	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
22	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
23	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
24	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
25	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
26	Importin- β 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
27	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
28	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
29	Calreticulin as a new histone binding protein in mitotic chromosomes. <i>Cytogenetic and Genome Research</i> , 2006, 115, 10-15.	1.1	14
30	Proteome Analysis of Human Metaphase Chromosomes. <i>Journal of Biological Chemistry</i> , 2005, 280, 16994-17004.	3.4	114
31	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
32	Protein composition of human metaphase chromosomes analyzed by two-dimensional electrophoreses. <i>Cytogenetic and Genome Research</i> , 2004, 107, 49-54.	1.1	18
33	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
34	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
35	Changes in Chromosomal Surface Structure by Different Isolation Conditions.. <i>Archives of Histology and Cytology</i> , 2002, 65, 445-455.	0.2	32
36	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

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	Cell Engineering Using Integrase and Recombinase Systems. , 0, , 379-384.		1