

Ken Nishimura

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,745
citations

394421

19
h-index

302126

39
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all docs

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docs citations

40
times ranked

2930
citing authors

#	ARTICLE	IF	CITATIONS
1	Structurally-discovered KLF4 variants accelerate and stabilize reprogramming to pluripotency. <i>IScience</i> , 2022, 25, 103525.	4.1	4
2	Early reactivation of clustered genes on the inactive X chromosome during somatic cell reprogramming. <i>Stem Cell Reports</i> , 2022, 17, 53-67.	4.8	3
3	Downregulation of Odd-Skipped Related 2, a Novel Regulator of Epithelial-Mesenchymal Transition, Enables Efficient Somatic Cell Reprogramming. <i>Stem Cells</i> , 2022, , .	3.2	2
4	Induced pluripotent stem cells from homozygous Runx2-deficient mice show poor response to vitamin D during osteoblastic differentiation. <i>Medical Molecular Morphology</i> , 2022, , 1.	1.0	0
5	Efficient Reprogramming of Canine Peripheral Blood Mononuclear Cells into Induced Pluripotent Stem Cells. <i>Stem Cells and Development</i> , 2021, 30, 79-90.	2.1	13
6	Canine induced pluripotent stem cell maintenance under feeder-free and chemically-defined conditions. <i>Molecular Reproduction and Development</i> , 2021, 88, 395-404.	2.0	6
7	Induction of integration-free human-induced pluripotent stem cells under serum- and feeder-free conditions. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2020, 56, 85-95.	1.5	12
8	4-Phenylbutyrate ameliorates apoptotic neural cell death in Down syndrome by reducing protein aggregates. <i>Scientific Reports</i> , 2020, 10, 14047.	3.3	11
9	Induction of Noonan syndrome-specific human-induced pluripotent stem cells under serum-, feeder-, and integration-free conditions. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2020, 56, 888-895.	1.5	7
10	Elimination of protein aggregates prevents premature senescence in human trisomy 21 fibroblasts. <i>PLoS ONE</i> , 2019, 14, e0219592.	2.5	16
11	Robust and highly efficient hiPSC generation from patient non-mobilized peripheral blood-derived CD34+ cells using the auto-erasable Sendai virus vector. <i>Stem Cell Research and Therapy</i> , 2019, 10, 185.	5.5	28
12	Mechanisms of the Metabolic Shift during Somatic Cell Reprogramming. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2254.	4.1	47
13	Live-cell imaging of subcellular structures for quantitative evaluation of pluripotent stem cells. <i>Scientific Reports</i> , 2019, 9, 1777.	3.3	17
14	Template Activating Factor-1 Regulates Retroviral Silencing during Reprogramming. <i>Cell Reports</i> , 2019, 29, 1909-1922.e5.	6.4	8
15	Non-invasive in vivo imaging of UCP1 expression in live mice via near-infrared fluorescent protein iRFP720. <i>PLoS ONE</i> , 2019, 14, e0225213.	2.5	10
16	Time-course transcriptome analysis of human cellular reprogramming from multiple cell types reveals the drastic change occurs between the mid phase and the late phase. <i>BMC Genomics</i> , 2018, 19, 9.	2.8	9
17	Generation of Footprint-Free Canine Induced Pluripotent Stem Cells Using Auto-Erasable Sendai Virus Vector. <i>Stem Cells and Development</i> , 2018, 27, 1577-1586.	2.1	23
18	Epigenetic-scale comparison of human iPSCs generated by retrovirus, Sendai virus or episomal vectors. <i>Regenerative Therapy</i> , 2018, 9, 71-78.	3.0	16

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19	Status of KRAS in iPSCs Impacts upon Self-Renewal and Differentiation Propensity. <i>Stem Cell Reports</i> , 2018, 11, 380-394.	4.8	27
20	Targeted reversion of induced pluripotent stem cells from patients with human cleidocranial dysplasia improves bone regeneration in a rat calvarial bone defect model. <i>Stem Cell Research and Therapy</i> , 2018, 9, 12.	5.5	23
21	Live cell imaging of X chromosome reactivation during somatic cell reprogramming. <i>Biochemistry and Biophysics Reports</i> , 2018, 15, 86-92.	1.3	2
22	A Role for KLF4 in Promoting the Metabolic Shift via TCL1 during Induced Pluripotent Stem Cell Generation. <i>Stem Cell Reports</i> , 2017, 8, 787-801.	4.8	36
23	Simple and effective generation of transgene-free induced pluripotent stem cells using an auto-erasable Sendai virus vector responding to microRNA-302. <i>Stem Cell Research</i> , 2017, 23, 13-19.	0.7	56
24	Gorlin syndrome-derived induced pluripotent stem cells are hypersensitive to hedgehog-mediated osteogenic induction. <i>PLoS ONE</i> , 2017, 12, e0186879.	2.5	10
25	Distinctive features of single nucleotide alterations in induced pluripotent stem cells with different types of DNA repair deficiency disorders. <i>Scientific Reports</i> , 2016, 6, 26342.	3.3	8
26	Systematic Cellular Disease Models Reveal Synergistic Interaction of Trisomy 21 and GATA1 Mutations in Hematopoietic Abnormalities. <i>Cell Reports</i> , 2016, 15, 1228-1241.	6.4	78
27	An inhibitor of fibroblast growth factor receptor-1 (FGFR1) promotes late-stage terminal differentiation from NGN3+ pancreatic endocrine progenitors. <i>Scientific Reports</i> , 2016, 6, 35908.	3.3	16
28	BMP-SMAD-ID promotes reprogramming to pluripotency by inhibiting p16/INK4A-dependent senescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13057-13062.	7.1	75
29	Generation of cleidocranial dysplasia-specific human induced pluripotent stem cells in completely serum-, feeder-, and integration-free culture. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 252-264.	1.5	15
30	Genetic Variability Overrides the Impact of Parental Cell Type and Determines iPSC Differentiation Potential. <i>Stem Cell Reports</i> , 2016, 6, 200-212.	4.8	211
31	Functional Neurons Generated from T Cell-Derived Induced Pluripotent Stem Cells for Neurological Disease Modeling. <i>Stem Cell Reports</i> , 2016, 6, 422-435.	4.8	56
32	An assessment of the effects of ectopic gp91phox expression in XCGD iPSC-derived neutrophils. <i>Molecular Therapy - Methods and Clinical Development</i> , 2015, 2, 15046.	4.1	11
33	Interspecific <i>in vitro</i> assay for the chimera-forming ability of human pluripotent stem cells. <i>Development (Cambridge)</i> , 2015, 142, 3222-30.	2.5	53
34	The RNA Binding Complexes NF45-NF90 and NF45-NF110 Associate Dynamically with the c-fos Gene and Function as Transcriptional Coactivators. <i>Journal of Biological Chemistry</i> , 2015, 290, 26832-26845.	3.4	24
35	A Safeguard System for Induced Pluripotent Stem Cell-Derived Rejuvenated T Cell Therapy. <i>Stem Cell Reports</i> , 2015, 5, 597-608.	4.8	61
36	Manipulation of KLF4 Expression Generates iPSCs Paused at Successive Stages of Reprogramming. <i>Stem Cell Reports</i> , 2014, 3, 915-929.	4.8	42

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37	Advanced Feeder-Free Generation of Induced Pluripotent Stem Cells Directly From Blood Cells. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1402-1409.	3.3	31
38	Generation of Rejuvenated Antigen-Specific T Cells by Reprogramming to Pluripotency and Redifferentiation. <i>Cell Stem Cell</i> , 2013, 12, 114-126.	11.1	327
39	Development of Defective and Persistent Sendai Virus Vector. <i>Journal of Biological Chemistry</i> , 2011, 286, 4760-4771.	3.4	312
40	Persistent and Stable Gene Expression by a Cytoplasmic RNA Replicon Based on a Noncytopathic Variant Sendai Virus. <i>Journal of Biological Chemistry</i> , 2007, 282, 27383-27391.	3.4	39