Ras Trokovic

List of Publications by Year
in descending order

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30 papers	2,714 citations	331538 21 h-index	501076 28 g-index
33 all docs	33 docs citations	33 times ranked	4675 citing authors

#	Article	IF	Citations
1	Copy number variation and selection during reprogramming to pluripotency. Nature, 2011, 471, 58-62.	13.7	870
2	FGFR1 Is Required for the Development of the Auditory Sensory Epithelium. Neuron, 2002, 35, 671-680.	3.8	266
3	Genetic Variability Overrides the Impact of Parental Cell Type and Determines iPSC Differentiation Potential. Stem Cell Reports, 2016, 6, 200-212.	2.3	211
4	FGFR1 is independently required in both developing mid- and hindbrain for sustained response to isthmic signals. EMBO Journal, 2003, 22, 1811-1823.	3.5	168
5	Conditionally Stabilized dCas9 Activator for Controlling Gene Expression in Human Cell Reprogramming and Differentiation. Stem Cell Reports, 2015, 5, 448-459.	2.3	158
6	Fgfr1 regulates patterning of the pharyngeal region. Genes and Development, 2003, 17, 141-153.	2.7	144
7	Human pluripotent reprogramming with CRISPR activators. Nature Communications, 2018, 9, 2643.	5.8	128
8	Fgfr1-dependent boundary cells between developing mid- and hindbrain. Developmental Biology, 2005, 278, 428-439.	0.9	65
9	Comparative Analysis of Targeted Differentiation of Human Induced Pluripotent Stem Cells (hiPSCs) and Human Embryonic Stem Cells Reveals Variability Associated With Incomplete Transgene Silencing in Retrovirally Derived hiPSC Lines. Stem Cells Translational Medicine, 2013, 2, 83-93.	1.6	64
10	Combined negative effect of donor age and time in culture on the reprogramming efficiency into induced pluripotent stem cells. Stem Cell Research, 2015, 15, 254-262.	0.3	64
11	ATPase-deficient mitochondrial inner membrane protein ATAD3A disturbs mitochondrial dynamics in dominant hereditary spastic paraplegia. Human Molecular Genetics, 2017, 26, 1432-1443.	1.4	63
12	Activin A and Wnt-dependent specification of human definitive endoderm cells. Experimental Cell Research, 2013, 319, 2535-2544.	1.2	60
13	Lipid phosphatase SHIP2 downregulates insulin signalling in podocytes. Molecular and Cellular Endocrinology, 2010, 328, 70-79.	1.6	47
14	Fibroblast growth factor signalling and regional specification of the pharyngeal ectoderm. International Journal of Developmental Biology, 2005, 49, 797-805.	0.3	43
15	Targeted Deletion of the Muscular Dystrophy Gene myotilin Does Not Perturb Muscle Structure or Function in Mice. Molecular and Cellular Biology, 2007, 27, 244-252.	1.1	42
16	Small Molecule Inhibitors Promote Efficient Generation of Induced Pluripotent Stem Cells From Human Skeletal Myoblasts. Stem Cells and Development, 2013, 22, 114-123.	1.1	40
17	Generation of iPSC line HEL24.3 from human neonatal foreskin fibroblasts. Stem Cell Research, 2015, 15, 266-268.	0.3	38
18	Meox1Cre: A mouse line expressing Cre recombinase in somitic mesoderm. Genesis, 2005, 43, 148-153.	0.8	32

#	Article	IF	Citations
19	Advanced Feeder-Free Generation of Induced Pluripotent Stem Cells Directly From Blood Cells. Stem Cells Translational Medicine, 2014, 3, 1402-1409.	1.6	31
20	Patient-Specific Induced Pluripotent Stem Cellâ€“Derived RPE Cells: Understanding the Pathogenesis of Retinopathy in Long-Chain 3-Hydroxyacyl-CoA Dehydrogenase Deficiency. , 2015, 56, 3371.		29
21	A Novel Feeder-Free Culture System for Human Pluripotent Stem Cell Culture and Induced Pluripotent Stem Cell Derivation. PLoS ONE, 2013, 8, e76205.	1.1	28
22	The L1TD1 Protein Interactome Reveals the Importance of Post-transcriptional Regulation in Human Pluripotency. Stem Cell Reports, 2015, 4, 519-528.	2.3	25
23	Selective MicroRNA-Offset RNA Expression in Human Embryonic Stem Cells. PLoS ONE, 2015, 10, e0116668.	1.1	25
24	Induced Pluripotent Stem Cell Clones Reprogrammed via Recombinant Adeno-Associated Virus-Mediated Transduction Contain Integrated Vector Sequences. Journal of Virology, 2012, 86, 4463-4467.	1.5	18
25	Generation of iPSC line HEL47.2 from healthy human adult fibroblasts. Stem Cell Research, 2015, 15, 263-265.	0.3	14
26	CRISPR activation enables high-fidelity reprogramming into human pluripotent stem cells. Stem Cell Reports, 2022, 17, 413-426.	2.3	13
27	Threshold of heteroplasmic truncating MT-ATP6 mutation in reprogramming, Notch hyperactivation and motor neuron metabolism. Human Molecular Genetics, 2022, 31, 958-974.	1.4	9
28	Simultaneous high-efficiency base editing and reprogramming of patient fibroblasts. Stem Cell Reports, 2021, 16, 3064-3075.	2.3	8
29	Reprogramming of Fibroblasts to Human iPSCs by CRISPR Activators. Methods in Molecular Biology, 2021, 2239, 175-198.	0.4	4
30	Induced pluripotent stem cell derivation from myoblasts. , 2021, , 37-55.		3