

Jeong-beom Kim

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

3,981
citations

471509

17
h-index

454955

30
g-index

36
all docs

36
docs citations

36
times ranked

5394
citing authors

#	ARTICLE	IF	CITATIONS
1	Pluripotent stem cells induced from adult neural stem cells by reprogramming with two factors. <i>Nature</i> , 2008, 454, 646-650.	27.8	890
2	Oct4-Induced Pluripotency in Adult Neural Stem Cells. <i>Cell</i> , 2009, 136, 411-419.	28.9	858
3	Direct reprogramming of human neural stem cells by OCT4. <i>Nature</i> , 2009, 461, 649-653.	27.8	652
4	Polydopamine-mediated surface modification of scaffold materials for human neural stem cell engineering. <i>Biomaterials</i> , 2012, 33, 6952-6964.	11.4	311
5	Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC) and Proteome Quantitation of Mouse Embryonic Stem Cells to a Depth of 5,111 Proteins. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 672-683.	3.8	261
6	Induction of Pluripotency in Adult Unipotent Germline Stem Cells. <i>Cell Stem Cell</i> , 2009, 5, 87-96.	11.1	246
7	Conversion of Mouse Epiblast Stem Cells to an Earlier Pluripotency State by Small Molecules. <i>Journal of Biological Chemistry</i> , 2010, 285, 29676-29680.	3.4	107
8	Decellularized extracellular matrix-based bio-ink with enhanced 3D printability and mechanical properties. <i>Biofabrication</i> , 2020, 12, 025003.	7.1	94
9	Generation of induced pluripotent stem cells from neural stem cells. <i>Nature Protocols</i> , 2009, 4, 1464-1470.	12.0	79
10	Effects of Neural Progenitor Cells on Sensorimotor Recovery and Endogenous Repair Mechanisms After Photothrombotic Stroke. <i>Stroke</i> , 2011, 42, 1757-1763.	2.0	70
11	Erythroid differentiation of human induced pluripotent stem cells is independent of donor cell type of origin. <i>Haematologica</i> , 2015, 100, 32-41.	3.5	67
12	Differentiation Efficiency of Induced Pluripotent Stem Cells Depends on the Number of Reprogramming Factors. <i>Stem Cells</i> , 2012, 30, 570-579.	3.2	60
13	Induction of pluripotency in human cord blood unrestricted somatic stem cells. <i>Experimental Hematology</i> , 2010, 38, 809-818.e2.	0.4	55
14	Oct4-induced oligodendrocyte progenitor cells enhance functional recovery in spinal cord injury model. <i>EMBO Journal</i> , 2015, 34, 2971-2983.	7.8	49
15	Origin-Dependent Neural Cell Identities in Differentiated Human iPSCs In Vitro and after Transplantation into the Mouse Brain. <i>Cell Reports</i> , 2014, 8, 1697-1703.	6.4	41
16	Regulation of cAMP and GSK3 signaling pathways contributes to the neuronal conversion of glioma. <i>PLoS ONE</i> , 2017, 12, e0178881.	2.5	22
17	Sequentially induced motor neurons from human fibroblasts facilitate locomotor recovery in a rodent spinal cord injury model. <i>ELife</i> , 2020, 9, .	6.0	21
18	Induced Pluripotent Stem Cells. <i>Methods in Enzymology</i> , 2010, 476, 309-325.	1.0	16

#	ARTICLE	IF	CITATIONS
19	Establishment of feeder-free culture system for human induced pluripotent stem cell on DAS nanocrystalline graphene. <i>Scientific Reports</i> , 2016, 6, 20708.	3.3	11
20	Induced neural stem cells from distinct genetic backgrounds exhibit different reprogramming status. <i>Stem Cell Research</i> , 2016, 16, 460-468.	0.7	11
21	Synergistic control of mechanics and microarchitecture of 3D bioactive hydrogel platform to promote the regenerative potential of engineered hepatic tissue. <i>Biomaterials</i> , 2021, 270, 120688.	11.4	11
22	Oct4 and Hnf4 α -induced hepatic stem cells ameliorate chronic liver injury in liver fibrosis model. <i>PLoS ONE</i> , 2019, 14, e0221085.	2.5	10
23	Flexibility Enhancement of Poly(lactide-co-glycolide) for Fused Deposition Modeling Technology. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , 2019, 6, 465-475.	4.9	10
24	SPON1 Can Reduce Amyloid Beta and Reverse Cognitive Impairment and Memory Dysfunction in Alzheimer's Disease Mouse Model. <i>Cells</i> , 2020, 9, 1275.	4.1	8
25	Factor-Reduced Human Induced Pluripotent Stem Cells Efficiently Differentiate into Neurons Independent of the Number of Reprogramming Factors. <i>Stem Cells International</i> , 2016, 2016, 1-6.	2.5	5
26	<i>Etv2</i> - and <i>Fli1</i> -Induced Vascular Progenitor Cells Enhance Functional Recovery in Ischemic Vascular Disease Model—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, e105-e113.	2.4	4
27	Controllable Synthesis of Graphene-Encapsulated Low-Dimensional Nanocomposites. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500112.	3.7	3
28	Direct monitoring of live human pluripotent stem cells by a highly selective pluripotency sensor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127347.	2.2	1
29	Induction of Pluripotency in Somatic and Germline Cells. , 0, 2008, .		0
30	Direct Reprogramming of Human Neural Stem Cells by the Single Transcription Factor OCT4. <i>Pancreatic Islet Biology</i> , 2011, , 439-447.	0.3	0
31	Review: Direct conversion in Neuro-regenerative Medicine. , 2014, , .		0
32	Design of Low Power TCAM Based on 15-T Cell. <i>The Journal of Korean Institute of Information Technology</i> , 2018, 16, 37-42.	0.3	0