

Hidetoshi Sakurai

List of Publications by Year in descending order

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13
papers

996
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

1525
citing authors

#	ARTICLE	IF	CITATIONS
1	Precise Correction of the Dystrophin Gene in Duchenne Muscular Dystrophy Patient Induced Pluripotent Stem Cells by TALEN and CRISPR-Cas9. <i>Stem Cell Reports</i> , 2015, 4, 143-154.	4.8	459
2	Efficient and Reproducible Myogenic Differentiation from Human iPS Cells: Prospects for Modeling Miyoshi Myopathy In Vitro. <i>PLoS ONE</i> , 2013, 8, e61540.	2.5	188
3	Early pathogenesis of Duchenne muscular dystrophy modelled in patient-derived human induced pluripotent stem cells. <i>Scientific Reports</i> , 2015, 5, 12831.	3.3	99
4	A human iPS cell myogenic differentiation system permitting high-throughput drug screening. <i>Stem Cell Research</i> , 2017, 25, 98-106.	0.7	52
5	Induced Fetal Human Muscle Stem Cells with High Therapeutic Potential in a Mouse Muscular Dystrophy Model. <i>Stem Cell Reports</i> , 2020, 15, 80-94.	4.8	31
6	Recapitulation of Extracellular LAMININ Environment Maintains Stemness of Satellite Cells In Vitro. <i>Stem Cell Reports</i> , 2018, 10, 568-582.	4.8	30
7	Core Transcription Factors Promote Induction of PAX3-Positive Skeletal Muscle Stem Cells. <i>Stem Cell Reports</i> , 2019, 13, 352-365.	4.8	29
8	Characterization of hiPSC-Derived Muscle Progenitors Reveals Distinctive Markers for Myogenic Cell Purification Toward Cell Therapy. <i>Stem Cell Reports</i> , 2021, 16, 883-898.	4.8	26
9	A muscle fatigue-like contractile decline was recapitulated using skeletal myotubes from Duchenne muscular dystrophy patient-derived iPSCs. <i>Cell Reports Medicine</i> , 2021, 2, 100298.	6.5	17
10	Transplantation of human iPSC-derived muscle stem cells in the diaphragm of Duchenne muscular dystrophy model mice. <i>PLoS ONE</i> , 2022, 17, e0266391.	2.5	10
11	Restoration of the defect in radial glial fiber migration and cortical plate organization in a brain organoid model of Fukuyama muscular dystrophy. <i>iScience</i> , 2021, 24, 103140.	4.1	5
12	Orai1-STIM1 Regulates Increased Ca ²⁺ Mobilization, Leading to Contractile Duchenne Muscular Dystrophy Phenotypes in Patient-Derived Induced Pluripotent Stem Cells. <i>Biomedicine</i> , 2021, 9, 1589.	3.2	4
13	Single-cell RNA-seq reveals heterogeneity in hiPSC-derived muscle progenitors and E2F family as a key regulator of proliferation. <i>Life Science Alliance</i> , 2022, 5, e202101312.	2.8	1