

Hiromi Kumamaru

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,534
citations

759233

12
h-index

940533

16
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all docs

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docs citations

16
times ranked

1916
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of reactive astrocytes with type I collagen induces astrocytic scar formation through the integrin- α 5 β 1-cadherin pathway after spinal cord injury. <i>Nature Medicine</i> , 2017, 23, 818-828.	30.7	355
2	Spinal cord reconstitution with homologous neural grafts enables robust corticospinal regeneration. <i>Nature Medicine</i> , 2016, 22, 479-487.	30.7	307
3	Restorative effects of human neural stem cell grafts on the primate spinal cord. <i>Nature Medicine</i> , 2018, 24, 484-490.	30.7	236
4	Generation and post-injury integration of human spinal cord neural stem cells. <i>Nature Methods</i> , 2018, 15, 723-731.	19.0	132
5	Prolonged human neural stem cell maturation supports recovery in injured rodent CNS. <i>Journal of Clinical Investigation</i> , 2017, 127, 3287-3299.	8.2	98
6	Acute hyperglycemia impairs functional improvement after spinal cord injury in mice and humans. <i>Science Translational Medicine</i> , 2014, 6, 256ra137.	12.4	68
7	Regulation of RhoA by STAT3 coordinates glial scar formation. <i>Journal of Cell Biology</i> , 2017, 216, 2533-2550.	5.2	67
8	Direct isolation and RNA-seq reveal environment-dependent properties of engrafted neural stem/progenitor cells. <i>Nature Communications</i> , 2012, 3, 1140.	12.8	65
9	Regenerating Corticospinal Axons Innervate Phenotypically Appropriate Neurons within Neural Stem Cell Grafts. <i>Cell Reports</i> , 2019, 26, 2329-2339.e4.	6.4	64
10	Therapeutic Activities of Engrafted Neural Stem/Precursor Cells Are Not Dormant in the Chronically Injured Spinal Cord. <i>Stem Cells</i> , 2013, 31, 1535-1547.	3.2	57
11	Comprehensive Monosynaptic Rabies Virus Mapping of Host Connectivity with Neural Progenitor Grafts after Spinal Cord Injury. <i>Stem Cell Reports</i> , 2017, 8, 1525-1533.	4.8	53
12	Macrophage Infiltration Is a Causative Factor for Ligamentum Flavum Hypertrophy through the Activation of Collagen Production in Fibroblasts. <i>American Journal of Pathology</i> , 2017, 187, 2831-2840.	3.8	21
13	Clinical features of multiple spinal schwannomas without vestibular schwannomas. <i>Journal of Orthopaedic Science</i> , 2022, 27, 563-568.	1.1	4
14	Changes in magnetic resonance imaging signal intensity in predicting complications during acute phase osteoporotic vertebral fractures. <i>Journal of Orthopaedics</i> , 2020, 21, 309-313.	1.3	3
15	Overcorrection of fractured vertebrae increases the incidence of adjacent fractures after balloon kyphoplasty: A retrospective study. <i>Journal of Orthopaedics</i> , 2021, 24, 194-200.	1.3	3
16	The Posterolaterally Oriented and Laterally Downward Sloping Facet Joint Is a Risk Factor for Degenerative Cervical Spondylolisthesis and Myelopathy. <i>Spine Surgery and Related Research</i> , 2022, 6, 358-365.	0.7	1