

Masaya Nakamura

List of Publications by Year in descending order

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43
papers

2,163
citations

361413

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265206

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Does Diabetes Affect the Surgical Outcomes in Cases With Cervical Ossification of the Posterior Longitudinal Ligament? A Multicenter Study From Asia Pacific Spine Study Group. <i>Global Spine Journal</i> , 2023, 13, 353-359.	2.3	6
2	Hao1 Is Not a Pathogenic Factor for Ectopic Ossifications but Functions to Regulate the TCA Cycle In Vivo. <i>Metabolites</i> , 2022, 12, 82.	2.9	1
3	Regenerative Rehabilitation and Stem Cell Therapy Targeting Chronic Spinal Cord Injury: A Review of Preclinical Studies. <i>Cells</i> , 2022, 11, 685.	4.1	18
4	Spontaneous Osseous Fusion after Remodeling Therapy for Chronic Atlantoaxial Rotatory Fixation and Recovery Mechanism of Rotatory Range of Motion of the Cervical Spine. <i>Journal of Clinical Medicine</i> , 2022, 11, 1504.	2.4	1
5	Treadmill Training for Common Marmoset to Strengthen Corticospinal Connections After Thoracic Contusion Spinal Cord Injury. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 858562.	3.7	1
6	ALDH2 mutation promotes skeletal muscle atrophy in mice via accumulation of oxidative stress. <i>Bone</i> , 2021, 142, 115739.	2.9	12
7	A robust culture system to generate neural progenitors with gliogenic competence from clinically relevant induced pluripotent stem cells for treatment of spinal cord injury. <i>Stem Cells Translational Medicine</i> , 2021, 10, 398-413.	3.3	22
8	Tooth extraction in mice administered zoledronate increases inflammatory cytokine levels and promotes osteonecrosis of the jaw. <i>Journal of Bone and Mineral Metabolism</i> , 2021, 39, 372-384.	2.7	19
9	Laser resonance frequency analysis of pedicle screw stability: A cadaveric model bone study. <i>Journal of Orthopaedic Research</i> , 2021, 39, 2474-2484.	2.3	8
10	Direct conversion of osteosarcoma to adipocytes by targeting TNIK. <i>JCI Insight</i> , 2021, 6, .	5.0	12
11	Impact of Diabetes Mellitus on Cervical Spine Surgery for Ossification of the Posterior Longitudinal Ligament. <i>Journal of Clinical Medicine</i> , 2021, 10, 3375.	2.4	5
12	Treadmill training based on the overload principle promotes locomotor recovery in a mouse model of chronic spinal cord injury. <i>Experimental Neurology</i> , 2021, 345, 113834.	4.1	22
13	Diabetes Does Not Adversely Affect Neurological Recovery and Reduction of Neck Pain After Posterior Decompression Surgery for Cervical Spondylotic Myelopathy. <i>Spine</i> , 2021, 46, 433-439.	2.0	10
14	Mechanisms of Stem Cell Therapy in Spinal Cord Injuries. <i>Cells</i> , 2021, 10, 2676.	4.1	24
15	Smad2 and Smad3 expressed in skeletal muscle promote immobilization-induced bone atrophy in mice. <i>Biochemical and Biophysical Research Communications</i> , 2021, 582, 111-117.	2.1	3
16	Current progress of rehabilitative strategies in stem cell therapy for spinal cord injury: a review. <i>Npj Regenerative Medicine</i> , 2021, 6, 81.	5.2	20
17	Machine Learning-Based Diagnosis in Laser Resonance Frequency Analysis for Implant Stability of Orthopedic Pedicle Screws. <i>Sensors</i> , 2021, 21, 7553.	3.8	4
18	Associations between Clinical Symptoms and Degree of Ossification in Patients with Cervical Ossification of the Posterior Longitudinal Ligament: A Prospective Multi-Institutional Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 4055.	2.4	6

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19	Feasibility of Targeting Traf2-and-Nck-Interacting Kinase in Synovial Sarcoma. <i>Cancers</i> , 2020, 12, 1258.	3.7	13
20	Quantitative CT-based bone strength parameters for the prediction of novel spinal implant stability using resonance frequency analysis: a cadaveric study involving experimental micro-CT and clinical multislice CT. <i>European Radiology Experimental</i> , 2019, 3, 1.	3.4	30
21	Laser Resonance Frequency Analysis: A Novel Measurement Approach to Evaluate Acetabular Cup Stability During Surgery. <i>Sensors</i> , 2019, 19, 4876.	3.8	12
22	Association of Susceptibility Genes for Adolescent Idiopathic Scoliosis and Intervertebral Disc Degeneration With Adult Spinal Deformity. <i>Spine</i> , 2019, 44, 1623-1629.	2.0	13
23	Concise Review: Laying the Groundwork for a First-In-Human Study of an Induced Pluripotent Stem Cell-Based Intervention for Spinal Cord Injury. <i>Stem Cells</i> , 2019, 37, 6-13.	3.2	98
24	Assessing cortical plasticity after spinal cord injury by using resting-state functional magnetic resonance imaging in awake adult mice. <i>Scientific Reports</i> , 2018, 8, 14406.	3.3	28
25	The Amelioration of Pain-Related Behavior in Mice with Chronic Spinal Cord Injury Treated with Neural Stem/Progenitor Cell Transplantation Combined with Treadmill Training. <i>Journal of Neurotrauma</i> , 2018, 35, 2561-2571.	3.4	32
26	A study on the use of the Osstell apparatus to evaluate pedicle screw stability: An in-vitro study using micro-CT. <i>PLoS ONE</i> , 2018, 13, e0199362.	2.5	22
27	Imaging Comparison Between Chinese and Japanese Patients With Cervical Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2018, 43, E1376-E1383.	2.0	4
28	Enhanced Functional Recovery from Spinal Cord Injury in Aged Mice after Stem Cell Transplantation through HGF Induction. <i>Stem Cell Reports</i> , 2017, 8, 509-518.	4.8	43
29	Enpp1 is an anti-aging factor that regulates Klotho under phosphate overload conditions. <i>Scientific Reports</i> , 2017, 7, 7786.	3.3	29
30	The prospects of regenerative medicine combined with rehabilitative approaches for chronic spinal cord injury animal models. <i>Neural Regeneration Research</i> , 2017, 12, 43.	3.0	19
31	Combined treatment with chondroitinase ABC and treadmill rehabilitation for chronic severe spinal cord injury in adult rats. <i>Neuroscience Research</i> , 2016, 113, 37-47.	1.9	53
32	Functional Recovery from Neural Stem/Progenitor Cell Transplantation Combined with Treadmill Training in Mice with Chronic Spinal Cord Injury. <i>Scientific Reports</i> , 2016, 6, 30898.	3.3	84
33	BDNF Induced by Treadmill Training Contributes to the Suppression of Spasticity and Allodynia After Spinal Cord Injury via Upregulation of KCC2. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 677-689.	2.9	84
34	Long-Term Safety Issues of iPSC-Based Cell Therapy in a Spinal Cord Injury Model: Oncogenic Transformation with Epithelial-Mesenchymal Transition. <i>Stem Cell Reports</i> , 2015, 4, 360-373.	4.8	187
35	Rewiring of regenerated axons by combining treadmill training with semaphorin3A inhibition. <i>Molecular Brain</i> , 2014, 7, 14.	2.6	45
36	Cell transplantation therapies for spinal cord injury focusing on induced pluripotent stem cells. <i>Cell Research</i> , 2013, 23, 70-80.	12.0	177

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37	Management of Chronic Atlantoaxial Rotatory Fixation. <i>Spine</i> , 2012, 37, E278-E285.	2.0	46
38	Pre-Evaluated Safe Human iPSC-Derived Neural Stem Cells Promote Functional Recovery after Spinal Cord Injury in Common Marmoset without Tumorigenicity. <i>PLoS ONE</i> , 2012, 7, e52787.	2.5	266
39	Remodeling of C2 Facet Deformity Prevents Recurrent Subluxation in Patients With Chronic Atlantoaxial Rotatory Fixation. <i>Spine</i> , 2011, 36, E256-E262.	2.0	30
40	Significance of Remyelination by Neural Stem/Progenitor Cells Transplanted into the Injured Spinal Cord. <i>Stem Cells</i> , 2011, 29, 1983-1994.	3.2	129
41	Grafted human-induced pluripotent stem-cell-derived neurospheres promote motor functional recovery after spinal cord injury in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16825-16830.	7.1	473
42	Pathognomonic radiological signs for predicting prognosis in patients with chronic atlantoaxial rotatory fixation. <i>Journal of Neurosurgery: Spine</i> , 2006, 5, 385-391.	1.7	49
43	<scp>3D</scp> imaging of supraspinal inputs to the thoracic and lumbar spinal cord mapped by retrograde tracing and light-sheet microscopy. <i>Journal of Neurochemistry</i> , 0, , .	3.9	3