

Daisuke Sakai

List of Publications by Year in descending order

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136
papers

7,018
citations

61984

43
h-index

64796

79
g-index

140
all docs

140
docs citations

140
times ranked

5504
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlational analysis of chemokine and inflammatory cytokine expression in the intervertebral disc and blood in patients with lumbar disc disease. <i>Journal of Orthopaedic Research</i> , 2022, 40, 1213-1222.	2.3	18
2	Clinical Development of Regenerative Medicine Targeted for Intervertebral Disc Disease. <i>Medicina (Lithuania)</i> , 2022, 58, 267.	2.0	14
3	Predictive Factors for Successful Treatment of Deep Incisional Surgical Site Infections following Instrumented Spinal Surgeries: Retrospective Review of 1832 Cases. <i>Diagnostics</i> , 2022, 12, 551.	2.6	1
4	Hif1 α -dependent hypoxia signaling contributes to the survival of deep-layer neurons and cortex formation in a mouse model. <i>Molecular Brain</i> , 2022, 15, 28.	2.6	3
5	Comparative Study of Cage Subsidence in Single-Level Lateral Lumbar Interbody Fusion. <i>Journal of Clinical Medicine</i> , 2022, 11, 1374.	2.4	16
6	Welcome to Volume 5!. <i>JOR Spine</i> , 2022, 5, e1200.	3.2	0
7	Imaging Evaluation of Intervertebral Disc Degeneration and Painful Discs—Advances and Challenges in Quantitative MRI. <i>Diagnostics</i> , 2022, 12, 707.	2.6	13
8	The Effects of Maternal Interleukin-17A on Social Behavior, Cognitive Function, and Depression-Like Behavior in Mice with Altered Kynurenine Metabolites. <i>International Journal of Tryptophan Research</i> , 2021, 14, 117864692110266.	2.3	14
9	Exposure to Maternal Immune Activation Causes Congenital Unfolded Protein Response Defects and Increases the Susceptibility to Postnatal Inflammatory Stimulation in Offspring. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 355-365.	3.5	8
10	An impactful year for <i>JOR Spine</i> . <i>JOR Spine</i> , 2021, 4, e1144.	3.2	0
11	Preclinical models of vertebral osteomyelitis and associated infections: Current models and recommendations for study design. <i>JOR Spine</i> , 2021, 4, e1142.	3.2	15
12	Screening for Growth-Factor Combinations Enabling Synergistic Differentiation of Human MSC to Nucleus Pulposus Cell-Like Cells. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3673.	2.5	7
13	Effect of Whole Tissue Culture and Basic Fibroblast Growth Factor on Maintenance of Tie2 Molecule Expression in Human Nucleus Pulposus Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4723.	4.1	12
14	Optimization of Spheroid Colony Culture and Cryopreservation of Nucleus Pulposus Cells for the Development of Intervertebral Disc Regenerative Therapeutics. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3309.	2.5	7
15	Melanocortin 5 receptor contributes to sensitivity to UV-B waves and barrier function in mouse epidermis. <i>JID Innovations</i> , 2021, 1, 100024.	2.4	4
16	A major achievement and a very good news in this first half of 2021!. <i>JOR Spine</i> , 2021, 4, e1163.	3.2	0
17	Leukemia Inhibitory Factor Induces Proopiomelanocortin via CRH/CRHR Pathway in Mouse Trophoblast. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 618947.	3.7	1
18	Concepts of Regeneration for Spinal Diseases in 2021. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8356.	4.1	5

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19	@<scp>JORSPine</scp>. JOR Spine, 2021, 4, e1172.	3.2	0
20	Another year over, and a new one is up for highest impact!. JOR Spine, 2021, 4, e1190.	3.2	0
21	Effect of the CCL5-Releasing Fibrin Gel for Intervertebral Disc Regeneration. Cartilage, 2020, 11, 169-180.	2.7	22
22	The factors related to the poor ADL in the patients with osteoporotic vertebral fracture after instrumentation surgery. European Spine Journal, 2020, 29, 1597-1605.	2.2	6
23	Protocols, new <scp>ARB</scp> members, and Awards!. JOR Spine, 2020, 3, e1128.	3.2	0
24	Augmented, virtual and mixed reality in spinal surgery: A real-world experience. Journal of Orthopaedic Surgery, 2020, 28, 230949902095269.	1.0	33
25	Controversies with nonoperative management for adolescent idiopathic scoliosis: Study from the APSS Scoliosis Focus Group. Journal of Orthopaedic Surgery, 2020, 28, 230949902093029.	1.0	2
26	Effect of bisphosphonates or teriparatide on mechanical complications after posterior instrumented fusion for osteoporotic vertebral fracture: a multi-center retrospective study. BMC Musculoskeletal Disorders, 2020, 21, 420.	1.9	15
27	Facet joint violation after single-position versus dual-position lateral interbody fusion and percutaneous pedicle screw fixation: A comparison of two techniques. Journal of Clinical Neuroscience, 2020, 78, 47-52.	1.5	18
28	Difficult times!. JOR Spine, 2020, 3, e1101.	3.2	0
29	A Rare Case of Intraspinal Psammomatous Melanotic Schwannoma: A Case Report. Spine Surgery and Related Research, 2020, 4, 91-94.	0.7	3
30	Wnt3a and wnt5a as Potential Chondrogenic Stimulators for Nucleus Pulposus Cell Induction: A Comprehensive Review. Neurospine, 2020, 17, 19-35.	2.9	11
31	2020, A weird year!. JOR Spine, 2020, 3, e1136.	3.2	0
32	The correlation analysis between sagittal alignment and cross-sectional area of paraspinal muscle in patients with lumbar spinal stenosis and degenerative spondylolisthesis. BMC Musculoskeletal Disorders, 2019, 20, 352.	1.9	46
33	In memory of Peter Roughly and John Mort: Time for a "biochemical" reflection. JOR Spine, 2019, 2, e1062.	3.2	1
34	Annulus fibrosus cell sheets limit disc degeneration in a rat annulus fibrosus injury model. JOR Spine, 2019, 2, e1050.	3.2	14
35	Ventral Surgical Approach for an Intervertebral Disc Degeneration and Regeneration Model in Sheep Cervical Spine: Anatomic Technical Description, Strengths and Limitations. Veterinary and Comparative Orthopaedics and Traumatology, 2019, 32, 389-393.	0.5	3
36	Changes in Spinal Alignment following eXtreme Lateral Interbody Fusion Alone in Patients with Adult Spinal Deformity using Computed Tomography. Scientific Reports, 2019, 9, 12039.	3.3	23

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37	The analysis of percutaneous pedicle screw technique with guide wire-less in lateral decubitus position following extreme lateral interbody fusion. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 304.	2.3	52
38	Surgical Treatment of Osteoporotic Vertebral Fracture with Neurological Deficit-A Nationwide Multicenter Study in Japan-. <i>Spine Surgery and Related Research</i> , 2019, 3, 361-367.	0.7	19
39	Risk Factors for Proximal Junctional Fracture Following Fusion Surgery for Osteoporotic Vertebral Collapse with Delayed Neurological Deficits: A Retrospective Cohort Study of 403 Patients. <i>Spine Surgery and Related Research</i> , 2019, 3, 171-177.	0.7	15
40	Complications after spinal fixation surgery for osteoporotic vertebral collapse with neurological deficits: Japan Association of Spine Surgeons with ambition multicenter study. <i>Journal of Orthopaedic Science</i> , 2019, 24, 985-990.	1.1	8
41	Surgical outcomes of spinal fusion for osteoporotic vertebral fracture in the thoracolumbar spine: Comprehensive evaluations of 5 typical surgical fusion techniques. <i>Journal of Orthopaedic Science</i> , 2019, 24, 1020-1026.	1.1	18
42	Fluorescence-Activated Cell Sorting Is More Potent to Fish Intervertebral Disk Progenitor Cells Than Magnetic and Beads-Based Methods. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 571-580.	2.1	15
43	New year, new initiatives!. <i>JOR Spine</i> , 2019, 2, e1048.	3.2	0
44	Surgical outcomes of spinal fusion for osteoporotic thoracolumbar vertebral fractures in patients with Parkinson's disease: what is the impact of Parkinson's disease on surgical outcome?. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 103.	1.9	16
45	Another leap forward: PubMed Central indexing and Global Review Series. <i>JOR Spine</i> , 2019, 2, e1075.	3.2	0
46	Minimal Sustainability of Dedifferentiation by ROCK Inhibitor on Rat Nucleus Pulposus Cells In Vitro. <i>Spine Surgery and Related Research</i> , 2019, 3, 385-391.	0.7	8
47	Comparison of radiological changes after single- position versus dual- position for lateral interbody fusion and pedicle screw fixation. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 601.	1.9	54
48	Mesenchymal Stem Cell Homing Into Intervertebral Discs Enhances the Tie2-positive Progenitor Cell Population, Prevents Cell Death, and Induces a Proliferative Response. <i>Spine</i> , 2019, 44, 1613-1622.	2.0	27
49	IVD progenitor cells: a new horizon for understanding disc homeostasis and repair. <i>Nature Reviews Rheumatology</i> , 2019, 15, 102-112.	8.0	105
50	Cell therapy for intervertebral disc herniation and degenerative disc disease: clinical trials. <i>International Orthopaedics</i> , 2019, 43, 1011-1025.	1.9	54
51	Histological and reference system for the analysis of mouse intervertebral disc. <i>Journal of Orthopaedic Research</i> , 2018, 36, 233-243.	2.3	72
52	Implantation of hyaluronic acid hydrogel prevents the pain phenotype in a rat model of intervertebral disc injury. <i>Science Advances</i> , 2018, 4, eaaq0597.	10.3	90
53	Animal models for studying the etiology and treatment of low back pain. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1305-1312.	2.3	41
54	JOR Spine : A (first) year in review. <i>JOR Spine</i> , 2018, 1, e1041.	3.2	0

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55	Future of spine research: “The Asian perspectives” JOR Spine, 2018, 1, e1019.	3.2	0
56	Advancing cell therapies for intervertebral disc regeneration from the lab to the clinic: Recommendations of the ORS spine section. JOR Spine, 2018, 1, e1036.	3.2	74
57	CCN family member 2/connective tissue growth factor (CCN2/CTGF) is regulated by Wnt β 2-catenin signaling in nucleus pulposus cells. Arthritis Research and Therapy, 2018, 20, 217.	3.5	8
58	Correlation analysis of sagittal alignment and skeletal muscle mass in patients with spinal degenerative disease. Scientific Reports, 2018, 8, 15492.	3.3	25
59	Effects of interleukin β 17A in nucleus pulposus cells and its small molecule inhibitors for intervertebral disc disease. Journal of Cellular and Molecular Medicine, 2018, 22, 5539-5551.	3.6	16
60	Upregulation of glycosaminoglycan synthesis by Neurotrophin in nucleus pulposus cells via stimulation of chondroitin sulfate N-acetylgalactosaminyltransferase 1: A new approach to attenuation of intervertebral disc degeneration. PLoS ONE, 2018, 13, e0202640.	2.5	20
61	FOXO are required for intervertebral disk homeostasis during aging and their deficiency promotes disk degeneration. Aging Cell, 2018, 17, e12800.	6.7	59
62	Prevalence of diffuse idiopathic skeletal hyperostosis (DISH) assessed with whole-spine computed tomography in 1479 subjects. BMC Musculoskeletal Disorders, 2018, 19, 178.	1.9	50
63	Sciatic nerve regeneration by transplantation of in vitro differentiated nucleus pulposus progenitor cells. Regenerative Medicine, 2017, 12, 365-376.	1.7	12
64	Easi-CRISPR: a robust method for one-step generation of mice carrying conditional and insertion alleles using long ssDNA donors and CRISPR ribonucleoproteins. Genome Biology, 2017, 18, 92.	8.8	375
65	Regenerative technologies to bed side: Evolving the regulatory framework. Journal of Orthopaedic Translation, 2017, 9, 1-7.	3.9	16
66	Cell therapy for intervertebral disc repair: Clinical perspective. Journal of Orthopaedic Translation, 2017, 9, 8-18.	3.9	90
67	Hyaluronic Acid Microgels Modulate Inflammation and Key Matrix Molecules toward a Regenerative Signature in the Injured Annulus Fibrosus. Advanced Biology, 2017, 1, e1700077.	3.0	16
68	Mllt10 knockout mouse model reveals critical role of Af10-dependent H3K79 methylation in midfacial development. Scientific Reports, 2017, 7, 11922.	3.3	11
69	Clinical impact of JOABPEQ mental health scores in patients with low back pain: Analysis using the neuropathic pain screening tool painDETECT. Journal of Orthopaedic Science, 2017, 22, 1009-1014.	1.1	6
70	CD146 defines commitment of cultured annulus fibrosus cells to express a contractile phenotype. Journal of Orthopaedic Research, 2016, 34, 1361-1372.	2.3	28
71	Angiopoietin-1 receptor Tie2 distinguishes multipotent differentiation capability in bovine coccygeal nucleus pulposus cells. Stem Cell Research and Therapy, 2016, 7, 75.	5.5	55
72	Biological challenges for regeneration of the degenerated disc using cellular therapies. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 87, 39-46.	3.3	20

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73	Sagittal alignment of the cervical spine in adolescent idiopathic scoliosis: a comparative study of 42 adolescents with idiopathic scoliosis and 24 normal adolescents. <i>European Spine Journal</i> , 2016, 25, 3226-3233.	2.2	36
74	Mohawk promotes the maintenance and regeneration of the outer annulus fibrosus of intervertebral discs. <i>Nature Communications</i> , 2016, 7, 12503.	12.8	78
75	CCAAT/enhancer binding protein β regulates the expression of tumor necrosis factor- α in the nucleus pulposus cells. <i>Journal of Orthopaedic Research</i> , 2016, 34, 865-875.	2.3	13
76	Increased caveolin-1 in intervertebral disc degeneration facilitates repair. <i>Arthritis Research and Therapy</i> , 2016, 18, 59.	3.5	19
77	Effect of depression and neuropathic pain using questionnaires on quality of life in patients with low back pain; cross-sectional retrospective study. <i>European Spine Journal</i> , 2016, 25, 2750-2760.	2.2	18
78	Response to tumor necrosis factor- α mediated inflammation involving activation of prostaglandin E_2 and Wnt signaling in nucleus pulposus cells. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1756-1768.	2.3	24
79	Defining the phenotype of young healthy nucleus pulposus cells: Recommendations of the Spine Research Interest Group at the 2014 annual ORS meeting. <i>Journal of Orthopaedic Research</i> , 2015, 33, 283-293.	2.3	226
80	Stem cell therapy for intervertebral disc regeneration: obstacles and solutions. <i>Nature Reviews Rheumatology</i> , 2015, 11, 243-256.	8.0	355
81	Migration of bone marrow-derived cells for endogenous repair in a new tail-looping disc degeneration model in the mouse: a pilot study. <i>Spine Journal</i> , 2015, 15, 1356-1365.	1.3	56
82	Evaluation of quality of life and neuropathic pain in patients with low back pain using the Japanese Orthopedic Association Back Pain Evaluation Questionnaire. <i>European Spine Journal</i> , 2015, 24, 503-512.	2.2	33
83	Advancing the cellular and molecular therapy for intervertebral disc disease. <i>Advanced Drug Delivery Reviews</i> , 2015, 84, 159-171.	13.7	239
84	Gene Transfer Techniques in Whole Embryo Cultured Post-implantation Mouse Embryos. <i>Methods in Molecular Biology</i> , 2014, 1092, 227-234.	0.9	9
85	Analysis of predisposing factors in elderly people with Type II odontoid fracture. <i>Spine Journal</i> , 2014, 14, 861-866.	1.3	28
86	Commentary: Percutaneous Release of the A1 Pulley Using a Modified Kirschner Wire: A Cadaveric Study. <i>Journal of Orthopaedic Surgery</i> , 2014, 22, 141-141.	1.0	0
87	Use of Stem Cells for Regeneration of the Intervertebral Disc. , 2014, , 373-383.		2
88	A complex interaction between Wnt signaling and TNF- α in nucleus pulposus cells. <i>Arthritis Research and Therapy</i> , 2013, 15, R189.	3.5	80
89	Fas ligand plays an important role for the production of pro-inflammatory cytokines in intervertebral disc nucleus pulposus cells. <i>Journal of Orthopaedic Research</i> , 2013, 31, 608-615.	2.3	54
90	C-Fos Regulation by the MAPK and PKC Pathways in Intervertebral Disc Cells. <i>PLoS ONE</i> , 2013, 8, e73210.	2.5	34

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91	Germ cell nuclear factor (Gcnf/Nr6a1) plays a novel role in neural crest cell induction. FASEB Journal, 2013, 27, 965.2.	0.5	0
92	Mammalian Neurogenesis Requires Treacle-Plk1 for Precise Control of Spindle Orientation, Mitotic Progression, and Maintenance of Neural Progenitor Cells. PLoS Genetics, 2012, 8, e1002566.	3.5	64
93	Homing of Mesenchymal Stem Cells in Induced Degenerative Intervertebral Discs in a Whole Organ Culture System. Spine, 2012, 37, 1865-1873.	2.0	91
94	Exhaustion of nucleus pulposus progenitor cells with ageing and degeneration of the intervertebral disc. Nature Communications, 2012, 3, 1264.	12.8	357
95	The effects of oxygen tension and antiaging factor Klotho on the Wnt signaling in nucleus pulposus cells. Arthritis Research and Therapy, 2012, 14, R105.	3.5	21
96	The expression and role of non-canonical (PKC) signaling in nucleus pulposus cell metabolism. Journal of Orthopaedic Research, 2012, 30, 1478-1485.	2.3	13
97	A Cre knock-in mouse line on the <i>Sickle tail</i> locus induces recombination in the notochord and intervertebral disks. Genesis, 2012, 50, 758-765.	1.6	6
98	Stem Cell Regeneration of the Intervertebral Disk. Orthopedic Clinics of North America, 2011, 42, 555-562.	1.2	35
99	The relationship between the Wnt/ β -catenin and TGF β /BMP signals in the intervertebral disc cell. Journal of Cellular Physiology, 2011, 226, 1139-1148.	4.1	59
100	Effects of a glycogen synthase kinase-3 β inhibitor (LiCl) on c-myc protein in intervertebral disc cells. Journal of Cellular Biochemistry, 2011, 112, 2974-2986.	2.6	33
101	Hypoxia activates the notch signaling pathway in cells of the intervertebral disc: Implications in degenerative disc disease. Arthritis and Rheumatism, 2011, 63, 1355-1364.	6.7	74
102	Clinical features of the extension teardrop fracture of the axis: review of 13 cases. Journal of Neurosurgery: Spine, 2011, 14, 710-714.	1.7	22
103	Upper cervical spine injuries: age-specific clinical features. Journal of Orthopaedic Science, 2010, 15, 485-492.	1.1	71
104	Enhancement of intervertebral disc cell senescence by WNT/ β -catenin signaling-induced matrix metalloproteinase expression. Arthritis and Rheumatism, 2010, 62, 3036-3047.	6.7	129
105	Human nucleus pulposus cells significantly enhanced biological properties in a coculture system with direct cell-to-cell contact with autologous mesenchymal stem cells. Journal of Orthopaedic Research, 2010, 28, 623-630.	2.3	83
106	Effect of cell number on mesenchymal stem cell transplantation in a canine disc degeneration model. Journal of Orthopaedic Research, 2010, 28, 1267-1275.	2.3	144
107	Efficacy of the coadministration of granulocyte colony-stimulating factor and stem cell factor in the activation of intrinsic cells after spinal cord injury in mice. Journal of Neurosurgery: Spine, 2010, 13, 516-523.	1.7	27
108	Risk factors for surgical site infection following spine surgery: efficacy of intraoperative saline irrigation. Journal of Neurosurgery: Spine, 2010, 12, 540-546.	1.7	127

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109	Primary immune system responders to nucleus pulposus cells: evidence for immune response in disc herniation. , 2010, 19, 13-21.		58
110	Activation of TonEBP by Calcium Controls β 1,3-Glucuronosyltransferase-I Expression, a Key Regulator of Glycosaminoglycan Synthesis in Cells of the Intervertebral Disc. Journal of Biological Chemistry, 2009, 284, 9824-9834.	3.4	47
111	Activation of rat nucleus pulposus cells by coculture with whole bone marrow cells collected by the perfusion method. Journal of Orthopaedic Research, 2009, 27, 222-228.	2.3	11
112	Upper cervical spinal cord tumors: review of 13 cases. Journal of Orthopaedic Science, 2009, 14, 175-181.	1.1	24
113	Osmolarity and Intracellular Calcium Regulate Aquaporin2 Expression Through TonEBP in Nucleus Pulposus Cells of the Intervertebral Disc. Journal of Bone and Mineral Research, 2009, 24, 992-1001.	2.8	44
114	Treacher Collins syndrome: Unmasking the role of Tcof1/treacle. International Journal of Biochemistry and Cell Biology, 2009, 41, 1229-1232.	2.8	100
115	Differential Phenotype of Intervertebral Disc Cells. Spine, 2009, 34, 1448-1456.	2.0	123
116	Future perspectives of cell-based therapy for intervertebral disc disease. European Spine Journal, 2008, 17, 452-458.	2.2	142
117	Low-intensity pulsed ultrasound stimulation enhances TIMP-1 in nucleus pulposus cells and MCP-1 in macrophages in the rat. Journal of Orthopaedic Research, 2008, 26, 865-871.	2.3	13
118	Transplantation of mesenchymal stem cells in a canine disc degeneration model. Journal of Orthopaedic Research, 2008, 26, 589-600.	2.3	214
119	Synergistic role of c-Myc and ERK1/2 in the mitogenic response to TGF β 2-1 in cultured rat nucleus pulposus cells. Arthritis Research and Therapy, 2008, 10, R140.	3.5	20
120	Delayed accumulation of activated macrophages and inhibition of remyelination after spinal cord injury in an adult rodent model. Journal of Neurosurgery: Spine, 2008, 8, 58-66.	1.7	46
121	Age-Related Effects of Cocultured Rat Nucleus Pulposus Cells and Macrophages on Nitric Oxide Production and Cytokine Imbalance. Spine, 2008, 33, 845-849.	2.0	10
122	Nkx2.2 Expression in Differentiation of Oligodendrocyte Precursor Cells and Inhibitory Factors for Differentiation of Oligodendrocytes after Traumatic Spinal Cord Injury. Journal of Neurotrauma, 2007, 24, 1013-1025.	3.4	13
123	Synergistic effect of low-intensity pulsed ultrasound on growth factor stimulation of nucleus pulposus cells. Journal of Orthopaedic Research, 2007, 25, 1574-1581.	2.3	24
124	A phenotypic comparison of intervertebral disc and articular cartilage cells in the rat. European Spine Journal, 2007, 16, 2174-2185.	2.2	183
125	Feasibility of Using a Human Nucleus Pulposus Cell Line as a Cell Source in Cell Transplantation Therapy for Intervertebral Disc Degeneration. Spine, 2006, 31, 1177-1186.	2.0	66
126	Atelocollagen for culture of human nucleus pulposus cells forming nucleus pulposus-like tissue in vitro: Influence on the proliferation and proteoglycan production of HNPSV-1 cells. Biomaterials, 2006, 27, 346-353.	11.4	61

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127	Regenerative effects of transplanting mesenchymal stem cells embedded in atelocollagen to the degenerated intervertebral disc. <i>Biomaterials</i> , 2006, 27, 335-345.	11.4	341
128	Low-intensity pulsed ultrasound stimulates cell proliferation and proteoglycan production in rabbit intervertebral disc cells cultured in alginate. <i>Biomaterials</i> , 2006, 27, 354-361.	11.4	72
129	Differentiation of Mesenchymal Stem Cells Transplanted to a Rabbit Degenerative Disc Model. <i>Spine</i> , 2005, 30, 2379-2387.	2.0	316
130	Upregulation of the Viability of Nucleus Pulposus Cells by Bone Marrow-Derived Stromal Cells. <i>Spine</i> , 2004, 29, 1508-1514.	2.0	140
131	Immortalization of Human Nucleus Pulposus Cells by a Recombinant SV40 Adenovirus Vector. <i>Spine</i> , 2004, 29, 1515-1523.	2.0	31
132	Transplantation of mesenchymal stem cells embedded in Atelocollagen [®] gel to the intervertebral disc: a potential therapeutic model for disc degeneration. <i>Biomaterials</i> , 2003, 24, 3531-3541.	11.4	378
133	Spinal Osteochondromas in Middle-Aged to Elderly Patients. <i>Spine</i> , 2002, 27, E503-E506.	2.0	44
134	Ileal carcinoid tumor complicating carcinoid heart disease and secondary retroperitoneal fibrosis. <i>Pathology International</i> , 2000, 50, 404-411.	1.3	22
135	Prevention of the neurocrisopathy Treacher Collins syndrome through inhibition of p53 function. , 0, .		1
136	Analysis of <scp>cell-free</scp> circulating <scp>DNA</scp> fragment size and level in patients with lumbar canal stenosis. <i>JOR Spine</i> , 0, , .	3.2	1