

Shu-Hua Yang

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,431
citations

361388

20
h-index

345203

36
g-index

50
all docs

50
docs citations

50
times ranked

2080
citing authors

#	ARTICLE	IF	CITATIONS
1	Distal Junctional Kyphosis after Posterior Spinal Fusion in Lenke 1 and 2 Adolescent Idiopathic Scoliosis-Exploring Detailed Features of the Sagittal Stable Vertebra Concept. <i>Global Spine Journal</i> , 2023, 13, 1112-1119.	2.3	9
2	Decreased psoas muscle area is a prognosticator for 90-day and 1-year survival in patients undergoing surgical treatment for spinal metastasis. <i>Clinical Nutrition</i> , 2022, 41, 620-629.	5.0	10
3	A machine learning algorithm for predicting prolonged postoperative opioid prescription after lumbar disc herniation surgery. An external validation study using 1,316 patients from a Taiwanese cohort. <i>Spine Journal</i> , 2022, 22, 1119-1130.	1.3	16
4	International external validation of the SORG machine learning algorithms for predicting 90-day and one-year survival of patients with spine metastases using a Taiwanese cohort. <i>Spine Journal</i> , 2021, 21, 1670-1678.	1.3	27
5	Impact of cervical sagittal parameters and spinal cord morphology in cervical spondylotic myelopathy status post spinous process-splitting laminoplasty. <i>European Spine Journal</i> , 2020, 29, 1052-1060.	2.2	17
6	CD24 expression indicates healthier phenotype and less tendency of cellular senescence in human nucleus pulposus cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 3021-3028.	2.8	8
7	Primary intradural extramedullary spinal mesenchymal chondrosarcoma: case report and literature review. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 408.	1.9	9
8	The Prevalence of the Use of MIS Techniques in the Treatment of Adult Spinal Deformity (ASD) Amongst Members of the Scoliosis Research Society (SRS) in 2016. <i>Spine Deformity</i> , 2019, 7, 319-324.	1.5	9
9	The therapeutic effect of aucubin-supplemented hyaluronic acid on interleukin-1beta-stimulated human articular chondrocytes. <i>Phytomedicine</i> , 2019, 53, 1-8.	5.3	18
10	Comparison of Transforming Growth Factor-Beta1 and Lovastatin on Differentiating Mesenchymal Stem Cells toward Nucleus Pulposus-like Phenotype: An In Vitro Cell Culture Study. <i>Asian Spine Journal</i> , 2019, 13, 705-712.	2.0	6
11	Optimization of puncture injury to rat caudal disc for mimicking early degeneration of intervertebral disc. <i>Journal of Orthopaedic Research</i> , 2018, 36, 202-211.	2.3	26
12	Assessment of Change of Shoulder Balance in Patients with Adolescent Idiopathic Scoliosis after Correctional Surgery. <i>Orthopaedic Surgery</i> , 2018, 10, 198-204.	1.8	9
13	The influence of oxygen concentration on the extracellular matrix production of human nucleus pulposus cells during isolation&€'expansion process. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 1575-1582.	4.0	9
14	A limb-girdle myopathy phenotype of RUNX2 mutation in a patient with cleidocranial dysplasia: a case study and literature review. <i>BMC Neurology</i> , 2017, 17, 2.	1.8	7
15	Injectable and biodegradable composite bone filler composed of poly(propylene fumarate) and calcium phosphate ceramic for vertebral augmentation procedure: An <i>in vivo</i> porcine study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2232-2243.	3.4	12
16	Spatial geometric and magnetic resonance signal intensity changes with advancing stages of nucleus pulposus degeneration. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 473.	1.9	3
17	Metastatic spinal cord compression (MSCC) treated with palliative decompression: Surgical timing and survival rate. <i>PLoS ONE</i> , 2017, 12, e0190342.	2.5	29
18	Cell Therapy with Human Dermal Fibroblasts Enhances Intervertebral Disk Repair and Decreases Inflammation in the Rabbit Model. <i>Global Spine Journal</i> , 2016, 6, 771-779.	2.3	14

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19	Vitamin D status in non-supplemented postmenopausal Taiwanese women with osteoporosis and fragility fracture. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 257.	1.9	12
20	Lovastatin prevents discography-associated degeneration and maintains the functional morphology of intervertebral discs. <i>Spine Journal</i> , 2014, 14, 2459-2466.	1.3	22
21	Thermosensitive hydrogel made of ferulic acid-gelatin and chitosan glycerophosphate. <i>Carbohydrate Polymers</i> , 2013, 92, 1512-1519.	10.2	57
22	Differential phenotypic behaviors of human degenerative nucleus pulposus cells under normoxic and hypoxic conditions: influence of oxygen concentration during isolation, expansion, and cultivation. <i>Spine Journal</i> , 2013, 13, 1590-1596.	1.3	20
23	In situ forming hydrogels composed of oxidized high molecular weight hyaluronic acid and gelatin for nucleus pulposus regeneration. <i>Acta Biomaterialia</i> , 2013, 9, 5181-5193.	8.3	84
24	Investigating the suspension culture on aggregation and function of mouse pancreatic Î² cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 2273-2282.	4.0	9
25	In Vitro Studies of Composite Bone Filler Based on Poly(Propylene Fumarate) and Biphasic Î±-Tricalcium Phosphate/Hydroxyapatite Ceramic Powder. <i>Artificial Organs</i> , 2012, 36, 418-428.	1.9	19
26	The interaction between co-cultured human nucleus pulposus cells and mesenchymal stem cells in a bioactive scaffold. <i>Process Biochemistry</i> , 2012, 47, 922-928.	3.7	6
27	Lovastatin Promotes Redifferentiation of Human Nucleus Pulposus Cells During Expansion in Monolayer Culture. <i>Artificial Organs</i> , 2011, 35, 411-416.	1.9	14
28	Thermosensitive chitosan-gelatin-glycerol phosphate hydrogel as a controlled release system of ferulic acid for nucleus pulposus regeneration. <i>Biomaterials</i> , 2011, 32, 6953-6961.	11.4	123
29	The effects of ferulic acid on nucleus pulposus cells under hydrogen peroxide-induced oxidative stress. <i>Process Biochemistry</i> , 2011, 46, 1670-1677.	3.7	17
30	Giant ganglionic cyst of the hip as a rare cause of sciatica. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 484-487.	1.7	14
31	Influence of age-related degeneration on regenerative potential of human nucleus pulposus cells. <i>Journal of Orthopaedic Research</i> , 2010, 28, 379-383.	2.3	18
32	Thermosensitive Chitosan-Gelatin-Glycerol Phosphate Hydrogels as a Cell Carrier for Nucleus Pulposus Regeneration: An <i>In Vitro</i> Study. <i>Tissue Engineering - Part A</i> , 2010, 16, 695-703.	3.1	111
33	Vascular Compression Syndrome of Sciatic Nerve Caused by Gluteal Varicosities. <i>Annals of Vascular Surgery</i> , 2010, 24, 1134.e1-1134.e4.	0.9	18
34	MANAGEMENT OF CANDIDAL VERTEBRAL OSTEOMYELITIS â€” REPORT OF SIX CASES. <i>Journal of Musculoskeletal Research</i> , 2009, 12, 225-232.	0.2	0
35	Three-dimensional Culture of Human Nucleus Pulposus Cells in Fibrin Clot: Comparisons on Cellular Proliferation and Matrix Synthesis With Cells in Alginate. <i>Artificial Organs</i> , 2008, 32, 70-73.	1.9	32
36	In Vitro Study on Interaction Between Human Nucleus Pulposus Cells and Mesenchymal Stem Cells Through Paracrine Stimulation. <i>Spine</i> , 2008, 33, 1951-1957.	2.0	84

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37	Chitosan/poly(vinyl alcohol) blending hydrogel coating improves the surface characteristics of segmented polyurethane urethral catheters. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2007, 83B, 304-313.	3.4	75
38	Surgical removal of extravasated epidural and neuroforaminal polymethylmethacrylate after percutaneous vertebroplasty in the thoracic spine. <i>European Spine Journal</i> , 2007, 16, 326-331.	2.2	21
39	Small Intestinal Submucosa as a Potential Bioscaffold for Intervertebral Disc Regeneration. <i>Spine</i> , 2006, 31, 2423-2430.	2.0	41
40	Postoperative Meralgia Paresthetica After Posterior Spine Surgery. <i>Spine</i> , 2005, 30, E547-E550.	2.0	60
41	An In-vitro Study on Regeneration of Human Nucleus Pulposus by Using Gelatin/Chondroitin-6-Sulfate/Hyaluronan Tri-copolymer Scaffold. <i>Artificial Organs</i> , 2005, 29, 806-814.	1.9	45
42	Tricalcium phosphate and glutaraldehyde crosslinked gelatin incorporating bone morphogenetic proteinâ€™A viable scaffold for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2005, 74B, 468-475.	3.4	43
43	Gelatin/chondroitin-6-sulfate copolymer scaffold for culturing human nucleus pulposus cells in vitro with production of extracellular matrix. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2005, 74B, 488-494.	3.4	27
44	BIOMEDICAL ENGINEERING METHODS AS POTENTIAL TREATMENT OPTIONS FOR INTERVERTEBRAL DISC DEGENERATION. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2005, 17, 97-100.	0.6	0
45	Preparation of PLLA membranes with different morphologies for culture of MG-63 Cells. <i>Biomaterials</i> , 2004, 25, 4047-4056.	11.4	71
46	Proximal Kyphosis After Short Posterior Fusion for Thoracolumbar Scoliosis. <i>Clinical Orthopaedics and Related Research</i> , 2003, 411, 152-158.	1.5	55
47	Staged reimplantation of total knee arthroplasty after Candida infection. <i>Journal of Arthroplasty</i> , 2001, 16, 529-532.	3.1	41
48	Septic Arthritis of the Hip Joint in Cervical Cancer Patients after Radiotherapy: Three Case Reports. <i>Journal of Orthopaedic Surgery</i> , 2001, 9, 41-45.	1.0	13
49	Stress analysis of the distal locking screws for femoral interlocking nailing. <i>Journal of Orthopaedic Research</i> , 2001, 19, 57-63.	2.3	40
50	SALMONELLA SPONDYLITIS IN NON-SICKLE CELL PATIENTS. <i>Journal of Musculoskeletal Research</i> , 2001, 05, 253-260.	0.2	1