

Sidong Yang

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

1,742
citations

279487

23
h-index

344852

36
g-index

75
all docs

75
docs citations

75
times ranked

1716
citing authors

#	ARTICLE	IF	CITATIONS
1	Intervertebral disc ageing and degeneration: The antiapoptotic effect of oestrogen. <i>Ageing Research Reviews</i> , 2020, 57, 100978.	5.0	188
2	Incidence and risk factors of adjacent segment disease following posterior decompression and instrumented fusion for degenerative lumbar disorders. <i>Medicine (United States)</i> , 2017, 96, e6032.	0.4	106
3	Incidence and risk factors for proximal junctional kyphosis: a meta-analysis. <i>European Spine Journal</i> , 2016, 25, 2376-2383.	1.0	105
4	The benefits and mechanisms of exercise training for Parkinson's disease. <i>Life Sciences</i> , 2020, 245, 117345.	2.0	92
5	17 β -Estradiol protects against apoptosis induced by interleukin-1 β in rat nucleus pulposus cells by down-regulating MMP-3 and MMP-13. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 348-357.	2.2	55
6	Incidence and risk factors for the progression of proximal junctional kyphosis in degenerative lumbar scoliosis following long instrumented posterior spinal fusion. <i>Medicine (United States)</i> , 2016, 95, e4443.	0.4	55
7	Development of a standardized histopathology scoring system for intervertebral disc degeneration in rat models: An initiative of the <sc>ORS</sc> spine section. <i>JOR Spine</i> , 2021, 4, e1150.	1.5	49
8	The Role of Oxidative Stress in Intervertebral Disc Degeneration. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-16.	1.9	49
9	Combined effect of 17 β -estradiol and resveratrol against apoptosis induced by interleukin-1 β in rat nucleus pulposus cells via PI3K/Akt/caspase-3 pathway. <i>PeerJ</i> , 2016, 4, e1640.	0.9	45
10	Prevalence and risk factors of deep vein thrombosis in patients after spine surgery: a retrospective case-cohort study. <i>Scientific Reports</i> , 2015, 5, 11834.	1.6	44
11	Risk factors for dysphagia after anterior cervical spine surgery. <i>Medicine (United States)</i> , 2017, 96, e6267.	0.4	39
12	Factors predicting venous thromboembolism after spine surgery. <i>Medicine (United States)</i> , 2016, 95, e5776.	0.4	38
13	17 β -Estradiol protects against apoptosis induced by levofloxacin in rat nucleus pulposus cells by upregulating integrin β 1. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 789-800.	2.2	35
14	17 β -Estradiol inhibits intervertebral disc degeneration by down-regulating MMP-3 and MMP-13 and up-regulating type II collagen in a rat model. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 182-191.	1.9	35
15	Single-Cell Transcriptome Profiling Reveals Multicellular Ecosystem of Nucleus Pulposus during Degeneration Progression. <i>Advanced Science</i> , 2022, 9, e2103631.	5.6	35
16	The beneficial role of early exercise training following stroke and possible mechanisms. <i>Life Sciences</i> , 2018, 198, 32-37.	2.0	34
17	Electroacupuncture Alleviated Neuronal Apoptosis Following Ischemic Stroke in Rats via Midkine and ERK/JNK/p38 Signaling Pathway. <i>Journal of Molecular Neuroscience</i> , 2018, 66, 26-36.	1.1	33
18	MRI features of testicular spermatic granuloma. <i>Medicine (United States)</i> , 2022, 101, e03588.	0.4	32

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19	Different concentrations of 17 β -estradiol modulates apoptosis induced by interleukin-1 β in rat annulus fibrosus cells. <i>Molecular Medicine Reports</i> , 2014, 10, 2745-2751.	1.1	29
20	Prevalence and Risk Factors of Deep Vein Thrombosis in Patients Undergoing Lumbar Interbody Fusion Surgery. <i>Medicine (United States)</i> , 2015, 94, e2205.	0.4	29
21	17 β -Estradiol Inhibites Tumor Necrosis Factor- α Induced Apoptosis of Human Nucleus Pulposus Cells via the PI3K/Akt Pathway. <i>Medical Science Monitor</i> , 2016, 22, 4312-4322.	0.5	29
22	Pre-ischemic treadmill training alleviates brain damage via GLT-1-mediated signal pathway after ischemic stroke in rats. <i>Neuroscience</i> , 2014, 274, 393-402.	1.1	28
23	Abnormal change of paravertebral muscle in adult degenerative scoliosis and its association with bony structural parameters. <i>European Spine Journal</i> , 2019, 28, 1626-1637.	1.0	28
24	Higenamine inhibits IL-1 β -induced inflammation in human nucleus pulposus cells. <i>Bioscience Reports</i> , 2019, 39, .	1.1	25
25	Unilateral versus bilateral pedicle screw fixation with posterior lumbar interbody fusion for lumbar degenerative diseases. <i>Medicine (United States)</i> , 2017, 96, e6882.	0.4	24
26	Oblique Lumbar Interbody Fusion with Stand-Alone Cages for the Treatment of Degenerative Lumbar Spondylolisthesis: A Retrospective Study with 1-Year Follow-Up. <i>Pain Research and Management</i> , 2020, 2020, 1-6.	0.7	22
27	The Relationship Between Autophagy and Brain Plasticity in Neurological Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 228.	1.8	21
28	Locking stand-alone cage versus anterior plate construct in anterior cervical discectomy and fusion: a systematic review and meta-analysis based on randomized controlled trials. <i>European Spine Journal</i> , 2020, 29, 2734-2744.	1.0	19
29	Risk Factors Associated with Adjacent Vertebral Compression Fracture Following Percutaneous Vertebroplasty After Menopause: A Retrospective Study. <i>Medical Science Monitor</i> , 2017, 23, 5271-5276.	0.5	19
30	Unilateral versus bilateral pedicle screw fixation in lumbar fusion: A systematic review of overlapping meta-analyses. <i>PLoS ONE</i> , 2019, 14, e0226848.	1.1	17
31	Exosomes Derived from Bone Marrow Mesenchymal Stem Cells Prevent Acidic pH-Induced Damage in Human Nucleus Pulposus Cells. <i>Medical Science Monitor</i> , 2020, 26, e922928.	0.5	17
32	The incidence and risk factors of postoperative neurological deterioration after posterior decompression with or without instrumented fusion for thoracic myelopathy. <i>Medicine (United States)</i> , 2020, 99, e200000.	0.4	15
33	The Treatment Evaluation for Osteoporotic Kummell Disease by Modified Posterior Vertebral Column Resection: Minimum of One-Year Follow-Up. <i>Medical Science Monitor</i> , 2017, 23, 606-612.	0.5	16
34	17 β -Estradiol alleviates intervertebral disc degeneration by inhibiting NF- κ B signal pathway. <i>Life Sciences</i> , 2021, 284, 119874.	2.0	16
35	Mini-plate fixation versus suture suspensory fixation in cervical laminoplasty. <i>Medicine (United States)</i> , 2017, 96, e0226848.	0.4	15
36	Anterior cervical discectomy and fusion surgery versus total disc replacement: A comparative study with minimum of 10-year follow-up. <i>Scientific Reports</i> , 2017, 7, 16443.	1.6	15

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37	17 β -Estradiol protects against interleukin-1 α -induced apoptosis in rat nucleus pulposus cells via the mTOR/caspase-3 pathway. <i>Molecular Medicine Reports</i> , 2019, 20, 1523-1530.	1.1	15
38	Levofloxacin increases the effect of serum deprivation on anoikis of rat nucleus pulposus cells via Bax/Bcl-2/caspase-3 pathway. <i>Toxicology Mechanisms and Methods</i> , 2014, 24, 688-696.	1.3	14
39	Upregulation of miR-199 attenuates TNF- α -induced Human nucleus pulposus cell apoptosis by downregulating MAP3K5. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 917-924.	1.0	14
40	Intradiscal Methylene Blue Injection for Discogenic Low Back Pain: A Meta-Analysis. <i>Pain Practice</i> , 2019, 19, 118-129.	0.9	14
41	Resveratrol Combined with 17 β -Estradiol Prevents IL-1 α Induced Apoptosis in Human Nucleus Pulposus Via The PI3K/AKT/Mtor and PI3K/AKT/GSK-3 β Pathway. <i>Journal of Investigative Surgery</i> , 2021, 34, 904-911.	0.6	14
42	Protective role of 17 β -estradiol on tumor necrosis factor- α -induced apoptosis in human nucleus pulposus cells. <i>Molecular Medicine Reports</i> , 2017, 16, 1093-1100.	1.1	12
43	Incidence and Risk Factors of Postoperative Adjacent Segment Degeneration Following Anterior Decompression and Instrumented Fusion for Degenerative Disorders of the Cervical Spine. <i>World Neurosurgery</i> , 2017, 105, 78-85.	0.7	11
44	Prevalence and risk factors of axial neck pain in patients undergoing multilevel anterior cervical decompression with fusion surgery. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 94.	0.9	11
45	Unilateral Pedicle Screw Fixation with Bone Graft vs. Bilateral Pedicle Screw Fixation with Bone Graft or Cage: A Comparative Study. <i>Medical Science Monitor</i> , 2016, 22, 890-897.	0.5	11
46	Antioxidant Effects of Resveratrol in Intervertebral Disk. <i>Journal of Investigative Surgery</i> , 2022, 35, 1135-1144.	0.6	11
47	Toxic Effects of Levofloxacin on Rat Annulus Fibrosus Cells: An In-vitro Study. <i>Medical Science Monitor</i> , 2014, 20, 2205-2212.	0.5	10
48	Modified eggshell procedure via posterior approach for sclerosing thoracic disc herniation: a preliminary study. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 102.	0.9	10
49	Risk Factors for Lower Limb Deep Vein Thrombosis in Patients With Single-Level Lumbar Fusion: A Prospective Study of 710 Cases. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2018, 24, 157S-162S.	0.7	10
50	Analyses of effect factors associated with the postoperative dissatisfaction of patients undergoing open-door laminoplasty for cervical OPLL: a retrospective cohort study. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 161.	0.9	10
51	Time-to-event analyses of lower-limb venous thromboembolism in aged patients undergoing lumbar spine surgery: a retrospective study of 1620 patients. <i>Aging</i> , 2019, 11, 8701-8709.	1.4	10
52	The effect of lower limb rehabilitation gymnastics on postoperative rehabilitation in elderly patients with femoral shaft fracture. <i>Medicine (United States)</i> , 2016, 95, e4548.	0.4	9
53	Characterization of radiographic features of consecutive lumbar spondylolisthesis. <i>Medicine (United States)</i> 10.784314 rgBT /Over	0.4	9
54	Clinical Rehabilitation Effect of Postoperative Lower-Limb Training on the Patients Undergoing OLIF Surgery: A Retrospective Study. <i>Pain Research and Management</i> , 2020, 2020, 1-6.	0.7	9

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55	The effect of systematic lower-limb rehabilitation training in elderly patients undergoing lumbar fusion surgery: a retrospective study. <i>Oncotarget</i> , 2017, 8, 112720-112726.	0.8	8
56	Epidemiology and Risk Factors of Cervical Spine Injury during Heating Season in the Patients with Cervical Trauma: A Cross-Sectional Study. <i>PLoS ONE</i> , 2013, 8, e78358.	1.1	7
57	The beneficial roles of exercise training via autophagy in neurological diseases and possible mechanisms. <i>Life Sciences</i> , 2019, 221, 130-134.	2.0	7
58	Posterior atlantoaxial dislocation without fracture or neurological symptoms treated by transoral posterior approach surgery: a case report and literature review. <i>European Spine Journal</i> , 2019, 28, 37-40.	1.0	7
59	Short-segment fixation with a cement-augmented pedicle screw for Kummell disease. <i>Medicine (United Tj ETQq1 1,0,784314 rgBT /Ove</i>	0.4	6
60	Analysis of clinical and neurological outcomes in patients with cauda equina syndrome caused by acute lumbar disc herniation: a retrospective-prospective study. <i>Oncotarget</i> , 2017, 8, 84204-84209.	0.8	6
61	Lumbar Disc Degeneration in Female Patients with and without Ovariectomy: A Case-control Study. <i>World Neurosurgery</i> , 2021, 156, 68-75.	0.7	5
62	Resveratrol protects against apoptosis induced by interleukin-1 β in nucleus pulposus cells via activating mTOR/caspase-3 and GSK-3 β /caspase-3 pathways. <i>Bioscience Reports</i> , 2020, 40, .	1.1	5
63	Risk Factors of Total Blood Loss and Hidden Blood Loss in Patients with Adolescent Idiopathic Scoliosis: A Retrospective Study. <i>BioMed Research International</i> , 2022, 2022, 1-7.	0.9	5
64	Cauda Equina Syndrome Due to Vigorous Back Massage With Spinal Manipulation in a Patient With Pre-Existing Lumbar Disc Herniation. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2018, 97, e23-e26.	0.7	4
65	Clinical efficacy of laminectomy with instrumented fixation in treatment of adjacent segmental disease following ACCF surgery: a retrospective observational study of 48 patients. <i>Scientific Reports</i> , 2019, 9, 6551.	1.6	4
66	Clinical Efficacy of Laminectomy with Instrumented Fixation in Treating Thoracolumbar Intradural Extramedullary Schwannomas: A Comparative Study. <i>Medical Science Monitor</i> , 2020, 26, e921719.	0.5	4
67	Clinical Effect of Laminectomy with Lateral Mass Screw Fixation in Treating Cervical Schwannoma: A Retrospective Study. <i>BioMed Research International</i> , 2022, 2022, 1-6.	0.9	3
68	Comparisons between needle puncture and chondroitinase ABC to induce intervertebral disc degeneration in rabbits. <i>European Spine Journal</i> , 2022, 31, 2788-2800.	1.0	3
69	Fluoroscopy-Guided Blockade of the Greater Occipital Nerve in Cadavers: A Comparison of Spread and Nerve Involvement for Different Injectate Volumes. <i>Pain Research and Management</i> , 2020, 2020, 1-6.	0.7	2
70	Intervertebral Disc Degeneration Induced by Needle Puncture and Ovariectomy: A Rat Coccygeal Model. <i>BioMed Research International</i> , 2021, 2021, 1-7.	0.9	2
71	Dissatisfaction Risk Factors of Patients after Laminectomy for Thoracic Ossification of Ligamentum Flavum: A Retrospective Cohort Study of Different Follow-Up Periods. <i>Pain Research and Management</i> , 2021, 2021, 1-10.	0.7	2
72	Finite Element Analysis of a Novel Anterior Locking Plate for Thoracolumbar Burst Fracture. <i>BioMed Research International</i> , 2021, 2021, 1-9.	0.9	1

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73	Correlation Analysis between Tamoxifen and Lumbar Intervertebral Disc Degeneration: A Retrospective Case-Control Study. Pain Research and Management, 2022, 2022, 1-7.	0.7	0