

Shugang Li

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,202
citations

361413

20
h-index

414414

32
g-index

60
all docs

60
docs citations

60
times ranked

1602
citing authors

#	ARTICLE	IF	CITATIONS
1	Long non-coding RNA in nucleus pulposus cell function and intervertebral disc degeneration. <i>Cell Proliferation</i> , 2018, 51, e12483.	5.3	87
2	Emerging roles of long non-coding RNAs in neuropathic pain. <i>Cell Proliferation</i> , 2019, 52, e12528.	5.3	78
3	An update on the roles of circular RNAs in osteosarcoma. <i>Cell Proliferation</i> , 2021, 54, e12936.	5.3	73
4	Circular RNAs in nucleus pulposus cell function and intervertebral disc degeneration. <i>Cell Proliferation</i> , 2019, 52, e12704.	5.3	67
5	TBX6-associated congenital scoliosis (TACS) as a clinically distinguishable subtype of congenital scoliosis: further evidence supporting the compound inheritance and TBX6 gene dosage model. <i>Genetics in Medicine</i> , 2019, 21, 1548-1558.	2.4	60
6	Oxidative Damage Induced by Arsenic in Mice or Rats: A Systematic Review and Meta-Analysis. <i>Biological Trace Element Research</i> , 2017, 176, 154-175.	3.5	52
7	Can tranexamic acid conserve blood and save operative time in spinal surgeries? A meta-analysis. <i>Spine Journal</i> , 2018, 18, 1325-1337.	1.3	49
8	Genetic Polymorphism of LBX1 Is Associated With Adolescent Idiopathic Scoliosis in Northern Chinese Han Population. <i>Spine</i> , 2017, 42, 1125-1129.	2.0	45
9	TRIM59 is upregulated and promotes cell proliferation and migration in human osteosarcoma. <i>Molecular Medicine Reports</i> , 2016, 13, 5200-5206.	2.4	41
10	One-stage posterior-only lumbosacral hemivertebra resection with short segmental fusion: a more than 2-year follow-up. <i>European Spine Journal</i> , 2016, 25, 1567-1574.	2.2	40
11	Diagnostic yield and clinical impact of exome sequencing in early-onset scoliosis (EOS). <i>Journal of Medical Genetics</i> , 2021, 58, 41-47.	3.2	40
12	A randomized controlled trial on the effects of collagen sponge and topical tranexamic acid in posterior spinal fusion surgeries. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 166.	2.3	33
13	Prevalence of Diabetes Mellitus and Impaired Fasting Glucose, Associated with Risk Factors in Rural Kazakh Adults in Xinjiang, China. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 554-565.	2.6	31
14	Long noncoding RNA lncAIS downregulation in mesenchymal stem cells is implicated in the pathogenesis of adolescent idiopathic scoliosis. <i>Cell Death and Differentiation</i> , 2019, 26, 1700-1715.	11.2	31
15	Bi-directional regulation of TGF- β 2/Smad pathway by arsenic: A systemic review and meta-analysis of in vivo and in vitro studies. <i>Life Sciences</i> , 2019, 220, 92-105.	4.3	28
16	Differential miRNAs profile and bioinformatics analyses in bone marrow mesenchymal stem cells from adolescent idiopathic scoliosis patients. <i>Spine Journal</i> , 2019, 19, 1584-1596.	1.3	28
17	Association between ADAMTS-4 gene polymorphism and lumbar disc degeneration in Chinese Han population. <i>Journal of Orthopaedic Research</i> , 2016, 34, 860-864.	2.3	26
18	Tranexamic acid reduce hidden blood loss in posterior lumbar interbody fusion (PLIF) surgery. <i>Medicine (United States)</i> , 2020, 99, e19552.	1.0	23

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19	Unplanned Reoperation within 30 Days of Fusion Surgery for Spinal Deformity. PLoS ONE, 2014, 9, e87172.	2.5	22
20	Risk factors for predicting complications associated with growing rod surgery for early-onset scoliosis. Clinical Neurology and Neurosurgery, 2015, 136, 15-19.	1.4	22
21	Ethnic Differences in the Prevalence of High Homocysteine Levels Among Low-Income Rural Kazakh and Uyghur Adults in Far Western China and Its Implications for Preventive Public Health. International Journal of Environmental Research and Public Health, 2015, 12, 5373-5385.	2.6	21
22	Intraoperative motor evoked potential monitoring to patients with preoperative spinal deficits: judging its feasibility and analyzing the significance of rapid signal loss. Spine Journal, 2017, 17, 777-783.	1.3	21
23	Long non-coding RNAs in the spinal cord injury: Novel spotlight. Journal of Cellular and Molecular Medicine, 2019, 23, 4883-4890.	3.6	20
24	Comparison of effectiveness and adverse effects of gefitinib, erlotinib and icotinib among patients with non-small cell lung cancer: A network meta-analysis. Experimental and Therapeutic Medicine, 2017, 14, 4017-4032.	1.8	18
25	Percutaneous Endoscopic Transforaminal Discectomy versus Conventional Open Lumbar Discectomy for Upper Lumbar Disc Herniation: A Comparative Cohort Study. BioMed Research International, 2020, 2020, 1-7.	1.9	17
26	Bioinformatic analyses hinted at augmented T helper 17 cell differentiation and cytokine response as the central mechanism of COVID-19-associated Guillain-Barré syndrome. Cell Proliferation, 2021, 54, e13024.	5.3	17
27	Prevalence of Hypertension among Adults in Remote Rural Areas of Xinjiang, China. International Journal of Environmental Research and Public Health, 2016, 13, 524.	2.6	16
28	A randomized controlled trial on effects of different hemostatic sponges in posterior spinal fusion surgeries. BMC Surgery, 2016, 16, 80.	1.3	15
29	The Optimal Ethnic-Specific Waist-Circumference Cut-Off Points of Metabolic Syndrome among Low-Income Rural Uyghur Adults in Far Western China and Implications in Preventive Public Health. International Journal of Environmental Research and Public Health, 2017, 14, 158.	2.6	14
30	Deep learning approach for guiding three-dimensional computed tomography reconstruction of lower limbs for robotically-assisted total knee arthroplasty. International Journal of Medical Robotics and Computer Assisted Surgery, 2021, 17, e2300.	2.3	13
31	LINC01121 induced intervertebral disc degeneration via modulating miR-150/5p/MMP16 axis. Journal of Gene Medicine, 2020, 22, e3231.	2.8	13
32	Association Between rs11190870 Polymorphism Near LBX1 and Susceptibility to Adolescent Idiopathic Scoliosis in East Asian Population. Spine, 2014, 39, 862-869.	2.0	11
33	Tranexamic Acid in Reducing Gross Hemorrhage and Transfusions of Spine Surgeries (TARGETS): study protocol for a prospective, randomized, double-blind, non-inferiority trial. Trials, 2019, 20, 125.	1.6	11
34	Wound infection after scoliosis surgery: an analysis of 15 cases. Chinese Medical Sciences Journal, 2002, 17, 193-8.	0.4	10
35	A systematic review and meta-analysis of bidirectional effect of arsenic on ERK signaling pathway. Molecular Medicine Reports, 2018, 17, 4422-4432.	2.4	9
36	LINC01133: an emerging tumor-associated long non-coding RNA in tumor and osteosarcoma. Environmental Science and Pollution Research, 2020, 27, 32467-32473.	5.3	8

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37	Pleural Effusion in Spinal Deformity Correction Surgery- A Report of 28 Cases in a Single Center. PLoS ONE, 2016, 11, e0154964.	2.5	8
38	Predictors for blood loss in pediatric patients younger than 10 years old undergoing primary posterior hemivertebra resection: a retrospective study. BMC Musculoskeletal Disorders, 2019, 20, 297.	1.9	7
39	Modified PUMC classification for adolescent idiopathic scoliosis. Spine Journal, 2019, 19, 1518-1528.	1.3	7
40	Letter concerning "Hidden blood loss during posterior spine fusion surgery" by Yossi et al.. Spine Journal, 2015, 15, 2113-2114.	1.3	6
41	The Prevalence of Metabolic Syndrome Using Three Different Diagnostic Criteria among Low Earning Nomadic Kazakhs in the Far Northwest of China: New Cut-Off Points of Waist Circumference to Diagnose MetS and Its Implications. PLoS ONE, 2016, 11, e0148976.	2.5	6
42	Intra-operative MEP monitoring can work well in the patients with neural axis abnormality. European Spine Journal, 2016, 25, 3194-3200.	2.2	6
43	Vertebral Growth Around Distal Instrumented Vertebra in Patients With Early-Onset Scoliosis Who Underwent Traditional Dual Growing Rod Treatment. Spine, 2019, 44, 855-865.	2.0	6
44	Modified Facet Joint Fusion for Lumbar Degenerative Disease: Case Series of a Fusion Technique, Clinical Outcomes, and Fusion Rate in 491 Patients. Operative Neurosurgery, 2020, 19, 255-263.	0.8	6
45	Finite analysis of stability between modified articular fusion technique, posterior lumbar interbody fusion and posterolateral lumbar fusion. BMC Musculoskeletal Disorders, 2021, 22, 1015.	1.9	6
46	The Mechanism of Trivalent Inorganic Arsenic on HIF-1 α : a Systematic Review and Meta-analysis. Biological Trace Element Research, 2020, 198, 449-463.	3.5	5
47	Lumbar spinal stenosis combined with obesity-induced idiopathic spinal epidural lipomatosis treated with posterior lumbar fusion: case report. BMC Surgery, 2021, 21, 215.	1.3	5
48	Complications analysis of posterior vertebral column resection in 40 patients with spinal tumors. Experimental and Therapeutic Medicine, 2014, 8, 1539-1544.	1.8	4
49	Small incision discectomy for lumbar disc herniation in 98 patients with 5-year follow-up. Medicine (United States), 2019, 98, e15569.	1.0	3
50	Comparison between modified facet joint fusion and posterolateral fusion for the treatment of lumbar degenerative diseases: a retrospective study. BMC Surgery, 2022, 22, 29.	1.3	3
51	Perioperative Measurement of Radiation Exposure to Radiation-Sensitive Organs of Patients Undergoing Lumbar Surgeries Using a Thermoluminescent Dosimeter. World Neurosurgery, 2018, 118, e43-e51.	1.3	2
52	Local infiltration with cocktail analgesics during 2 level lumbar spinal fusion surgery. Medicine (United States), 2019, 98, e15526.	1.0	2
53	Evaluation of Adjacent Segment With Pre-Existing Degeneration Using the Cerebrospinal Fluid Occlusion Sign on MRI Before Posterior Lumbar Fusion: A Multi-Center Observational Cohort Study. Global Spine Journal, 2023, 13, 745-751.	2.3	2
54	Bending rod is unnecessary in single-level posterior internal fixation and fusion in treatment of lumbar degenerative diseases. BMC Surgery, 2021, 21, 394.	1.3	2

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55	The effect of GSK-3 β in arsenic-induced apoptosis of malignant tumor cells: a systematic review and meta-analysis. <i>Toxicology Mechanisms and Methods</i> , 2022, 32, 477-487.	2.7	2
56	An Evaluation on the Effect of Health Education and of Low-Dose Statin in Dyslipidemia among Low-Income Rural Uyghur Adults in Far Western China: A Comprehensive Intervention Study. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 11410-11421.	2.6	1
57	Risk factors of postoperative pulmonary complications after primary posterior fusion and hemivertebra resection in congenital scoliosis patients younger than 10 years old: a retrospective study. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 89.	1.9	1
58	Modified facet joint fusion for multilevel lumbar spinal stenosis: a retrospective study of 135 consecutive patients. <i>British Journal of Neurosurgery</i> , 2020, , 1-6.	0.8	0