

# Lei Xia

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

904  
citations

516710

16  
h-index

501196

28  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in the live birth profile in Henan, China: A hospital registry-based study. <i>Birth</i> , 2022, 49, 497-505.	2.2	2
2	Predictive value of single-nucleotide polymorphisms in curve progression of adolescent idiopathic scoliosis. <i>European Spine Journal</i> , 2022, 31, 2311-2325.	2.2	4
3	A Nomogram to Predict the Occurrence and Development of Postoperative Neck Tilt in Lenke I and II AIS Patients. <i>World Neurosurgery</i> , 2021, 146, e328-e335.	1.3	0
4	Silencing SGK1 alleviates osteoarthritis through epigenetic regulation of CREB1 and ABCA1 expression. <i>Life Sciences</i> , 2021, 268, 118733.	4.3	13
5	FUS-induced circular RNA ZNF609 promotes tumorigenesis and progression via sponging miR-142b in lung cancer. <i>Journal of Cellular Physiology</i> , 2021, 236, 79-92.	4.1	25
6	ALDH3A1 driving tumor metastasis is mediated by p53/BAG1 in lung adenocarcinoma. <i>Journal of Cancer</i> , 2021, 12, 4780-4790.	2.5	6
7	Nomograms to predict lung metastasis probability and lung metastasis subgroup survival in malignant bone tumors. <i>Future Oncology</i> , 2021, 17, 649-661.	2.4	3
8	Obturator nerve impingement caused by an osteophyte in the sacroiliac joint: A case report. <i>World Journal of Clinical Cases</i> , 2021, 9, 1168-1174.	0.8	2
9	HDAC2 interacts with microRNA-503-5p to regulate SGK1 in osteoarthritis. <i>Arthritis Research and Therapy</i> , 2021, 23, 78.	3.5	7
10	Can C7 Slope Substitute the T1 Slope in Idiopathic Scoliosis Patients? A Radiographic Study. <i>Journal of Pediatric Orthopaedics</i> , 2021, 41, e374-e379.	1.2	4
11	Is it safe and effective to correct congenital scoliosis associated with multiple intraspinal anomalies without preliminary neurosurgical intervention?. <i>Medicine (United States)</i> , 2021, 100, e24030.	1.0	2
12	Superior Mesenteric Artery Syndrome Following Scoliosis Surgery: A Systematic Review of Case Reports. <i>Annals of Vascular Surgery</i> , 2021, 76, 514-535.	0.9	2
13	Biomaterials for Repairing Gaps After Peripheral Nerve Injury. <i>Science of Advanced Materials</i> , 2021, 13, 530-536.	0.7	1
14	EZH2 Mediates miR-146a-5p/HIF-1 $\alpha$ to Alleviate Inflammation and Glycolysis after Acute Spinal Cord Injury. <i>Mediators of Inflammation</i> , 2021, 2021, 1-14.	3.0	18
15	The Clinical and Radiologic Outcomes of Patients With Different 3-Dimensional Hemivertebra Morphologies Undergoing Posterior-Only Hemivertebra Resection and Fusion. <i>World Neurosurgery</i> , 2021, 151, e693-e699.	1.3	0
16	Lung Metastasis Probability in Ewing Sarcoma: A Nomogram Based on the SEER Database. <i>Current Oncology</i> , 2021, 28, 69-77.	2.2	5
17	Role of Neonatal Behavioral Neurological Assessment combined with magnetic resonance diffusion tensor imaging in evaluating white matter development in preterm infants. <i>Chinese Journal of Contemporary Pediatrics</i> , 2021, 23, 916-921.	0.2	0
18	Clinical features of vitamin D deficiency in children: A retrospective analysis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 196, 105491.	2.5	8

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19	The Correlation Between Postoperative Cervical Sagittal Alignment and Spine Sagittal Alignment in Adolescent Idiopathic Scoliosis: A Meta-Analysis. <i>World Neurosurgery</i> , 2020, 134, e311-e316.	1.3	5
20	Mutations disrupting neuritogenesis genes confer risk for cerebral palsy. <i>Nature Genetics</i> , 2020, 52, 1046-1056.	21.4	96
21	Incidence of intraspinal abnormalities in congenital scoliosis: a systematic review and meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 485.	2.3	10
22	Large Difference Between Proximal Junctional Angle and Rod Contouring Angle is a Risk Factor for Proximal Junctional Kyphosis. <i>World Neurosurgery</i> , 2020, 136, e683-e689.	1.3	12
23	Distinction and Potential Prediction of Lung Metastasis in Patients with Malignant Primary Osseous Spinal Neoplasms. <i>Spine</i> , 2020, 45, 921-929.	2.0	7
24	Morphological Differences Between the Pedicles in Nondystrophic Scoliosis Secondary to Neurofibromatosis Type 1 and Those in Adolescent Idiopathic Scoliosis. <i>World Neurosurgery</i> , 2020, 144, e9-e14.	1.3	5
25	Multicomponent nanohybrids of nickel/ferric oxides and nickel cobaltate spinel derived from the MOF-on-MOF nanostructure as efficient scaffolds for sensitively determining insulin. <i>Analytica Chimica Acta</i> , 2020, 1110, 44-55.	5.4	23
26	lncRNA SNHG11 promotes lung cancer cell proliferation and migration via activation of Wnt/ $\beta$ -catenin signaling pathway. <i>Journal of Cellular Physiology</i> , 2020, 235, 7541-7553.	4.1	43
27	A multiple aptasensor for ultrasensitive detection of miRNAs by using covalent-organic framework nanowire as platform and shell-encoded gold nanoparticles as signal labels. <i>Analytica Chimica Acta</i> , 2019, 1082, 176-185.	5.4	57
28	Three-dimensional nitrogen-doped mesoporous carbon nanomaterials derived from plant biomass: Cost-effective construction of label-free electrochemical aptasensor for sensitively detecting alpha-fetoprotein. <i>Analytica Chimica Acta</i> , 2019, 1078, 125-134.	5.4	29
29	Is It Better to Resect a Bony Spur Before Corrective Surgery for Congenital Scoliosis with Type I Split Cord Malformation?. <i>World Neurosurgery</i> , 2019, 125, e1151-e1159.	1.3	4
30	Variants of the OLIG2 Gene are Associated with Cerebral Palsy in Chinese Han Infants with Hypoxic-Ischemic Encephalopathy. <i>NeuroMolecular Medicine</i> , 2019, 21, 75-84.	3.4	24
31	Naringenin inhibits osteoclastogenesis through modulation of helper T cells-secreted IL-4. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 2084-2093.	2.6	15
32	Lithium Treatment Is Safe in Children With Intellectual Disability. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 425.	2.9	18
33	Association of NOS1 gene polymorphisms with cerebral palsy in a Han Chinese population: a case-control study. <i>BMC Medical Genomics</i> , 2018, 11, 56.	1.5	9
34	Combined Analysis of Interleukin-10 Gene Polymorphisms and Protein Expression in Children With Cerebral Palsy. <i>Frontiers in Neurology</i> , 2018, 9, 182.	2.4	15
35	Knockdown of lncRNA BDNF-AS suppresses neuronal cell apoptosis via downregulating miR-130b-5p target gene PRDM5 in acute spinal cord injury. <i>RNA Biology</i> , 2018, 15, 1-10.	3.1	49
36	lncRNA DGCR5 suppresses neuronal apoptosis to improve acute spinal cord injury through targeting PRDM5. <i>Cell Cycle</i> , 2018, 17, 1992-2000.	2.6	30

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37	Upper Thoracic versus Lower Thoracic as Site of Upper Instrumented Vertebrae for Long Fusion Surgery in Adult Spinal Deformity: A Meta-Analysis of Proximal Junctional Kyphosis. <i>World Neurosurgery</i> , 2017, 102, 200-208.	1.3	24
38	Comparison of Consecutive, Interval, and Skipped Pedicle Screw Techniques in Moderate Lenke Type 1 Adolescent Idiopathic Scoliosis. <i>World Neurosurgery</i> , 2017, 98, 563-570.	1.3	5
39	Pedicle screw versus hybrid instrumentation in adolescent idiopathic scoliosis. <i>Medicine (United States)</i> 96(18):e018114. doi:10.1097/MD.000000000000114	1.0	18
40	A Computed Tomography-Based Comparison of Abnormal Vertebrae Pedicles Between Dystrophic and Nondystrophic Scoliosis in Neurofibromatosis Type 1. <i>World Neurosurgery</i> , 2017, 106, 898-904.	1.3	10
41	A Variant of the Autophagy-Related 5 Gene Is Associated with Child Cerebral Palsy. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 407.	3.7	30
42	Comparison of low density and high density pedicle screw instrumentation in Lenke 1 adolescent idiopathic scoliosis. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 336.	1.9	34
43	Influence of screw density on thoracic kyphosis restoration in hypokyphotic adolescent idiopathic scoliosis. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 526.	1.9	10
44	Anterior versus posterior approach in Lenke 5C adolescent idiopathic scoliosis: a meta-analysis of fusion segments and radiological outcomes. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 77.	2.3	28
45	Recombinant human erythropoietin improves neurological outcomes in very preterm infants. <i>Annals of Neurology</i> , 2016, 80, 24-34.	5.3	103
46	Early amplitude-integrated electroencephalography predicts brain injury and neurological outcome in very preterm infants. <i>Scientific Reports</i> , 2015, 5, 13810.	3.3	33
47	Risk assessment and decision-making for patients undergoing orthopedic surgery. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 169.	2.3	4
48	Changes in the Incidence of Congenital Anomalies in Henan Province, China, from 1997 to 2011. <i>PLoS ONE</i> , 2015, 10, e0131874.	2.5	13
49	Comparison of complications in one-stage bilateral total knee arthroplasty with and without drainage. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 3.	2.3	16
50	Spinal Osteotomy Techniques in Management of Severe Pediatric Spinal Deformity and Analysis of Postoperative Complications. <i>Spine</i> , 2015, 40, E286-E292.	2.0	20