

Lei Xia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1921410/publications.pdf>

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 | Recombinant human erythropoietin improves neurological outcomes in very preterm infants. <i>Annals of Neurology</i> , 2016, 80, 24-34. | 5.3 | 103 |
| 2 | Mutations disrupting neurogenesis genes confer risk for cerebral palsy. <i>Nature Genetics</i> , 2020, 52, 1046-1056. | 21.4 | 96 |
| 3 | 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 |
| 4 | 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 |
| 5 | lncRNA SNHG11 promotes lung cancer cell proliferation and migration via activation of Wnt/ β -catenin signaling pathway. <i>Journal of Cellular Physiology</i> , 2020, 235, 7541-7553. | 4.1 | 43 |
| 6 | 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 |
| 7 | Early amplitude-integrated electroencephalography predicts brain injury and neurological outcome in very preterm infants. <i>Scientific Reports</i> , 2015, 5, 13810. | 3.3 | 33 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | FUS-induced circular RNA ZNF609 promotes tumorigenesis and progression via sponging miR-142-3p in lung cancer. <i>Journal of Cellular Physiology</i> , 2021, 236, 79-92. | 4.1 | 25 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | Pedicle screw versus hybrid instrumentation in adolescent idiopathic scoliosis. <i>Medicine (United) Tj ETQq1 1 0.784314 rgBT /Overlock 1</i> | 1.0 | 18 |
| 18 | Lithium Treatment Is Safe in Children With Intellectual Disability. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 425. | 2.9 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | EZH2 Mediates miR-146a-5p/HIF-1 α to Alleviate Inflammation and Glycolysis after Acute Spinal Cord Injury. <i>Mediators of Inflammation</i> , 2021, 2021, 1-14. | 3.0 | 18 |
| 20 | 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 |
| 21 | Naringenin inhibits osteoclastogenesis through modulation of helper T cells α secreted IL α 4. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 2084-2093. | 2.6 | 15 |
| 22 | 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 |
| 23 | 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 |
| 24 | Silencing SGK1 alleviates osteoarthritis through epigenetic regulation of CREB1 and ABCA1 expression. <i>Life Sciences</i> , 2021, 268, 118733. | 4.3 | 13 |
| 25 | 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 |
| 26 | A Computed Tomography α 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 |
| 27 | Influence of screw density on thoracic kyphosis restoration in hypokyphotic adolescent idiopathic scoliosis. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 526. | 1.9 | 10 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | HDAC2 interacts with microRNA-503-5p to regulate SGK1 in osteoarthritis. <i>Arthritis Research and Therapy</i> , 2021, 23, 78. | 3.5 | 7 |
| 33 | ALDH3A1 driving tumor metastasis is mediated by p53/BAG1 in lung adenocarcinoma. <i>Journal of Cancer</i> , 2021, 12, 4780-4790. | 2.5 | 6 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Lung Metastasis Probability in Ewing Sarcoma: A Nomogram Based on the SEER Database. <i>Current Oncology</i> , 2021, 28, 69-77. | 2.2 | 5 |
| 38 | Risk assessment and decision-making for patients undergoing orthopedic surgery. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 169. | 2.3 | 4 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | Changes in the live birth profile in Henan, China: A hospital registry-based study. <i>Birth</i> , 2022, 49, 497-505. | 2.2 | 2 |
| 47 | Biomaterials for Repairing Gaps After Peripheral Nerve Injury. <i>Science of Advanced Materials</i> , 2021, 13, 530-536. | 0.7 | 1 |
| 48 | 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 |
| 49 | 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 |
| 50 | 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 |