

Christopher Ames

List of Publications by Year in descending order

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papers

929
citations

516710

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477307

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46
docs citations

46
times ranked

828
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The Health Impact of Symptomatic Adult Spinal Deformity. Spine, 2016, 41, 224-233. | 2.0 | 208 |
| 2 | Incremental cost-effectiveness of adult spinal deformity surgery: observed quality-adjusted life years with surgery compared with predicted quality-adjusted life years without surgery. Neurosurgical Focus, 2014, 36, E3. | 2.3 | 91 |
| 3 | Predictive model for distal junctional kyphosis after cervical deformity surgery. Spine Journal, 2018, 18, 2187-2194. | 1.3 | 59 |
| 4 | Three-column osteotomies of the lower cervical and upper thoracic spine: comparison of early outcomes, radiographic parameters, and peri-operative complications in 48 patients. European Spine Journal, 2015, 24, 23-30. | 2.2 | 52 |
| 5 | Postoperative Cervical Deformity in 215 Thoracolumbar Patients With Adult Spinal Deformity. Spine, 2015, 40, 283-291. | 2.0 | 49 |
| 6 | Artificial Intelligence for Adult Spinal Deformity. Neurospine, 2019, 16, 686-694. | 2.9 | 41 |
| 7 | Cervical sagittal deformity develops after PJK in adult thoracolumbar deformity correction: radiographic analysis utilizing a novel global sagittal angular parameter, the CTPA. European Spine Journal, 2017, 26, 1111-1120. | 2.2 | 36 |
| 8 | Utility of multilevel lateral interbody fusion of the thoracolumbar coronal curve apex in adult deformity surgery in combination with open posterior instrumentation and L5â€“S1 interbody fusion: a case-matched evaluation of 32 patients. Journal of Neurosurgery: Spine, 2017, 26, 208-219. | 1.7 | 34 |
| 9 | Magnitude of preoperative cervical lordotic compensation and C2â€“T3 angle are correlated to increased risk of postoperative sagittal spinal pelvic malalignment in adult thoracolumbar deformity patients at 2-year follow-up. Spine Journal, 2015, 15, 1756-1763. | 1.3 | 29 |
| 10 | The Relationship Between Improvements in Myelopathy and Sagittal Realignment in Cervical Deformity Surgery Outcomes. Spine, 2018, 43, 1117-1124. | 2.0 | 29 |
| 11 | Does Patient Frailty Status Influence Recovery Following Spinal Fusion for Adult Spinal Deformity?. Spine, 2020, 45, E397-E405. | 2.0 | 25 |
| 12 | Drivers of Cervical Deformity Have a Strong Influence on Achieving Optimal Radiographic and Clinical Outcomes at 1 Year After Cervical Deformity Surgery. World Neurosurgery, 2018, 112, e61-e68. | 1.3 | 23 |
| 13 | Sagittal age-adjusted score (SAAS) for adult spinal deformity (ASD) more effectively predicts surgical outcomes and proximal junctional kyphosis than previous classifications. Spine Deformity, 2022, 10, 121-131. | 1.5 | 23 |
| 14 | Cost-utility analysis of cervical deformity surgeries using 1-year outcome. Spine Journal, 2018, 18, 1552-1557. | 1.3 | 21 |
| 15 | Predicting the occurrence of complications following corrective cervical deformity surgery: Analysis of a prospective multicenter database using predictive analytics. Journal of Clinical Neuroscience, 2019, 59, 155-161. | 1.5 | 21 |
| 16 | Evaluating cervical deformity corrective surgery outcomes at 1-year using current patient-derived and functional measures: are they adequate?. Journal of Spine Surgery, 2018, 4, 295-303. | 1.2 | 21 |
| 17 | Improvement in Back and Leg Pain and Disability Following Adult Spinal Deformity Surgery. Spine, 2019, 44, 263-269. | 2.0 | 14 |
| 18 | Baseline Frailty Status Influences Recovery Patterns and Outcomes Following Alignment Correction of Cervical Deformity. Neurosurgery, 2021, 88, 1121-1127. | 1.1 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | The immunohistochemical, DNA methylation, and chromosomal copy number profile of cauda equina paraganglioma is distinct from extra-spinal paraganglioma. <i>Acta Neuropathologica</i> , 2020, 140, 907-917. | 7.7 | 13 |
| 20 | A Risk-Benefit Analysis of Increasing Surgical Invasiveness Relative to Frailty Status in Adult Spinal Deformity Surgery. <i>Spine</i> , 2021, 46, 1087-1096. | 2.0 | 11 |
| 21 | Artificial Intelligence and the Future of Spine Surgery. <i>Neurospine</i> , 2019, 16, 637-639. | 2.9 | 10 |
| 22 | Depression Symptoms Are Associated with Poor Functional Status Among Operative Spinal Deformity Patients. <i>Spine</i> , 2021, 46, 447-456. | 2.0 | 10 |
| 23 | Risk factors for deep surgical site infection following thoracolumbar spinal surgery. <i>Journal of Neurosurgery: Spine</i> , 2019, 32, 292-301. | 1.7 | 9 |
| 24 | Redefining cervical spine deformity classification through novel cutoffs: An assessment of the relationship between radiographic parameters and functional neurological outcomes. <i>Journal of Craniovertebral Junction and Spine</i> , 2021, 12, 157. | 0.8 | 8 |
| 25 | Surgical Planning for Adult Spinal Deformity: Anticipated Sagittal Alignment Corrections According to the Surgical Level. <i>Global Spine Journal</i> , 2022, 12, 1761-1769. | 2.3 | 8 |
| 26 | Prioritization of Realignment Associated With Superior Clinical Outcomes for Cervical Deformity Patients. <i>Neurospine</i> , 2021, 18, 506-514. | 2.9 | 8 |
| 27 | Increasing Cost Efficiency in Adult Spinal Deformity Surgery. <i>Spine</i> , 2022, 47, 21-26. | 2.0 | 7 |
| 28 | Diversity in Surgical Decision Strategies for Adult Spine Deformity Treatment: The Effects of Neurosurgery or Orthopedic Training Background and Surgical Experience. <i>Neurospine</i> , 2018, 15, 353-361. | 2.9 | 7 |
| 29 | Ethnic Variations in Radiographic Parameters and SRS-22 Scores in Adult Spinal Deformity. <i>Clinical Spine Surgery</i> , 2018, 31, 216-221. | 1.3 | 6 |
| 30 | Improvement in some Ames-ISSG cervical deformity classification modifier grades may correlate with clinical improvement. <i>Journal of Clinical Neuroscience</i> , 2021, 89, 297-304. | 1.5 | 6 |
| 31 | Surgical Strategy for the Management of Cervical Deformity Is Based on Type of Cervical Deformity. <i>Journal of Clinical Medicine</i> , 2021, 10, 4826. | 2.4 | 6 |
| 32 | Clinical and radiographic presentation and treatment of patients with cervical deformity secondary to thoracolumbar proximal junctional kyphosis are distinct despite achieving similar outcomes: Analysis of 123 prospective CD cases. <i>Journal of Clinical Neuroscience</i> , 2018, 56, 121-126. | 1.5 | 5 |
| 33 | Younger Patients Are Differentially Affected by Stiffness-Related Disability Following Adult Spinal Deformity Surgery. <i>World Neurosurgery</i> , 2019, 132, e297-e304. | 1.3 | 4 |
| 34 | Effect of Obesity on Radiographic Alignment and Short-Term Complications After Surgical Treatment of Adult Cervical Deformity. <i>World Neurosurgery</i> , 2019, 125, e1082-e1088. | 1.3 | 4 |
| 35 | Predictors of Superior Recovery Kinetics in Adult Cervical Deformity Correction. <i>Spine</i> , 2021, 46, 559-566. | 2.0 | 4 |
| 36 | Introduction. Dynamic stabilization of the spine. <i>Neurosurgical Focus</i> , 2016, 40, E1. | 2.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Predicting Mechanical Failure Following Cervical Deformity Surgery: A Composite Score Integrating Age-Adjusted Cervical Alignment Targets. <i>Global Spine Journal</i> , 2023, 13, 2432-2438. | 2.3 | 3 |
| 38 | Prioritization of realignment associated with superior clinical outcomes for surgical cervical deformity patients. <i>Journal of Craniovertebral Junction and Spine</i> , 2021, 12, 311. | 0.8 | 2 |
| 39 | Commentary on Vertebral Body Sliding Osteotomy for Cervical Myelopathy With Rigid Kyphosis: A Technical Note. <i>Neurospine</i> , 2020, 17, 650-651. | 2.9 | 1 |
| 40 | ADAPTATION OF THE FRAILTY INDEX FOR BRAZILIAN PORTUGUESE IN ADULT SPINE DEFORMITY SURGERY. <i>Coluna/ Columna</i> , 2020, 19, 168-171. | 0.2 | 1 |
| 41 | Machine Learning-Based Clustering Analysis: Foundational Concepts, Methods, and Applications. <i>Acta Neurochirurgica Supplementum</i> , 2022, 134, 91-100. | 1.0 | 1 |
| 42 | Opioid use prior to surgery is associated with worse preoperative and postoperative patient reported quality of life and decreased surgical cost effectiveness for symptomatic adult spine deformity; A matched cohort analysis. <i>North American Spine Society Journal (NASSJ)</i> , 2022, 9, 100096. | 0.5 | 1 |
| 43 | Predictive Analytics for Determining Extended Operative Time in Corrective Adult Spinal Deformity Surgery. <i>International Journal of Spine Surgery</i> , 2022, 16, 291-299. | 1.5 | 1 |
| 44 | Timing of conversion to cervical malalignment and proximal junctional kyphosis following surgical correction of adult spinal deformity: a 3-year radiographic analysis. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 830-838. | 1.7 | 0 |
| 45 | Incidence of Chronic Periscapular Pain After Adult Thoracolumbar Deformity Correction and Impact on Outcomes. <i>Neurospine</i> , 2021, 18, 515-523. | 2.9 | 0 |
| 46 | The impact of postoperative neurologic complications on recovery kinetics in cervical deformity surgery. <i>Journal of Craniovertebral Junction and Spine</i> , 2021, 12, 393. | 0.8 | 0 |