

Tamir Ailon

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,812
citations

279798

23
h-index

276875

41
g-index

46
all docs

46
docs citations

46
times ranked

2055
citing authors

#	ARTICLE	IF	CITATIONS
1	Outcomes of Operative and Nonoperative Treatment for Adult Spinal Deformity. <i>Neurosurgery</i> , 2016, 78, 851-861.	1.1	190
2	Patient and surgeon radiation exposure during spinal instrumentation using intraoperative computed tomography-based navigation. <i>Spine Journal</i> , 2016, 16, 343-354.	1.3	145
3	Cerebrospinal Fluid Biomarkers To Stratify Injury Severity and Predict Outcome in Human Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 567-580.	3.4	122
4	Spinal cord perfusion pressure predicts neurologic recovery in acute spinal cord injury. <i>Neurology</i> , 2017, 89, 1660-1667.	1.1	121
5	Degenerative Spinal Deformity. <i>Neurosurgery</i> , 2015, 77, S75-S91.	1.1	116
6	Development of Validated Computer-based Preoperative Predictive Model for Proximal Junction Failure (PJF) or Clinically Significant PJK With 86% Accuracy Based on 510 ASD Patients With 2-year Follow-up. <i>Spine</i> , 2016, 41, E1328-E1335.	2.0	87
7	Predicting Injury Severity and Neurological Recovery after Acute Cervical Spinal Cord Injury: A Comparison of Cerebrospinal Fluid and Magnetic Resonance Imaging Biomarkers. <i>Journal of Neurotrauma</i> , 2018, 35, 435-445.	3.4	84
8	Progressive Spinal Kyphosis in the Aging Population. <i>Neurosurgery</i> , 2015, 77, S164-S172.	1.1	80
9	The Health Impact of Adult Cervical Deformity in Patients Presenting for Surgical Treatment: Comparison to United States Population Norms and Chronic Disease States Based on the EuroQol-5 Dimensions Questionnaire. <i>Neurosurgery</i> , 2017, 80, 716-725.	1.1	74
10	Frailty and sarcopenia do not predict adverse events in an elderly population undergoing non-complex primary elective surgery for degenerative conditions of the lumbar spine. <i>Spine Journal</i> , 2018, 18, 245-254.	1.3	73
11	Pseudarthrosis in adult and pediatric spinal deformity surgery: a systematic review of the literature and meta-analysis of incidence, characteristics, and risk factors. <i>Neurosurgical Review</i> , 2019, 42, 319-336.	2.4	68
12	Sarcopenia, but not frailty, predicts early mortality and adverse events after emergent surgery for metastatic disease of the spine. <i>Spine Journal</i> , 2020, 20, 22-31.	1.3	65
13	Management of Locally Recurrent Chordoma of the Mobile Spine and Sacrum. <i>Spine</i> , 2016, 41, S193-S198.	2.0	59
14	Long-term outcome after selective dorsal rhizotomy in children with spastic cerebral palsy. <i>Child's Nervous System</i> , 2015, 31, 415-423.	1.1	56
15	Parallel Metabolomic Profiling of Cerebrospinal Fluid and Serum for Identifying Biomarkers of Injury Severity after Acute Human Spinal Cord Injury. <i>Scientific Reports</i> , 2016, 6, 38718.	3.3	38
16	Effect of Frailty on Outcome after Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 839-845.	3.4	36
17	The differential effects of norepinephrine and dopamine on cerebrospinal fluid pressure and spinal cord perfusion pressure after acute human spinal cord injury. <i>Spinal Cord</i> , 2017, 55, 33-38.	1.9	32
18	Empirical targets for acute hemodynamic management of individuals with spinal cord injury. <i>Neurology</i> , 2019, 93, e1205-e1211.	1.1	31

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19	A Targeted Proteomics Analysis of Cerebrospinal Fluid after Acute Human Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 2054-2068.	3.4	30
20	The Fate of Patients with Adult Spinal Deformity Incurring Rod Fracture After Thoracolumbar Fusion. <i>World Neurosurgery</i> , 2017, 106, 905-911.	1.3	30
21	Predictive Modeling of Length of Hospital Stay Following Adult Spinal Deformity Correction: Analysis of 653 Patients with an Accuracy of 75% within 2 Days. <i>World Neurosurgery</i> , 2018, 115, e422-e427.	1.3	29
22	The influence of neurological examination timing within hours after acute traumatic spinal cord injuries: an observational study. <i>Spinal Cord</i> , 2020, 58, 247-254.	1.9	28
23	Clinical outcomes research in spine surgery: what are appropriate follow-up times?. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 397-404.	1.7	25
24	Mean Arterial Blood Pressure Management of Acute Traumatic Spinal Cord Injured Patients during the Pre-Hospital and Early Admission Period. <i>Journal of Neurotrauma</i> , 2017, 34, 1271-1277.	3.4	24
25	Long-Segment Fusion for Adult Spinal Deformity Correction Using Low-Dose Recombinant Human Bone Morphogenetic Protein-2. <i>Neurosurgery</i> , 2016, 79, 212-221.	1.1	19
26	Treatment of Facet Injuries in the Cervical Spine. <i>Neurosurgery Clinics of North America</i> , 2017, 28, 125-137.	1.7	19
27	Lumbar degenerative spondylolisthesis: factors associated with the decision to fuse. <i>Spine Journal</i> , 2021, 21, 821-828.	1.3	16
28	Incidence, impact, and risk factors of adverse events in thoracic and lumbar spine fractures: an ambispective cohort analysis of 390 patients. <i>Spine Journal</i> , 2015, 15, 629-637.	1.3	14
29	Proteomic Portraits Reveal Evolutionarily Conserved and Divergent Responses to Spinal Cord Injury. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100096.	3.8	14
30	Surgical considerations for major deformity correction spine surgery. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2016, 30, 3-11.	4.0	10
31	Radiographic Fusion Grade Does Not Impact Health-Related Quality of Life in the Absence of Instrumentation Failure for Patients Undergoing Posterior Instrumented Fusion for Adult Spinal Deformity. <i>World Neurosurgery</i> , 2018, 117, e1-e7.	1.3	9
32	“After-hours” non-elective spine surgery is associated with increased perioperative adverse events in a quaternary center. <i>European Spine Journal</i> , 2019, 28, 817-828.	2.2	9
33	Patient reported outcomes following surgery for degenerative spondylolisthesis: comparison of a universal and multi-tier health care system. <i>Spine Journal</i> , 2019, 19, 24-33.	1.3	8
34	The Effect of Perioperative Adverse Events on Long-Term Patient-Reported Outcomes After Lumbar Spine Surgery. <i>Neurosurgery</i> , 2021, 88, 420-427.	1.1	8
35	Time to return to work after elective lumbar spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-9.	1.7	7
36	The impact of frailty on patient-reported outcomes after elective thoracolumbar degenerative spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 607-615.	1.7	6

#	ARTICLE	IF	CITATIONS
37	Characterization of Hyperacute Neuropathic Pain after Spinal Cord Injury: A Prospective Study. <i>Journal of Pain</i> , 2022, 23, 89-97.	1.4	5
38	Introduction to Focus Issue II in Spine Oncology. <i>Spine</i> , 2016, 41, S159-S162.	2.0	4
39	Patients with Adult Spinal Deformity with Previous Fusions Have an Equal Chance of Reaching Substantial Clinical Benefit Thresholds in Health-Related Quality of Life Measures but Do Not Reach the Same Absolute Level of Improvement. <i>World Neurosurgery</i> , 2018, 116, e354-e361.	1.3	4
40	National adverse event profile after lumbar spine surgery for lumbar degenerative disorders and comparison of complication rates between hospitals: a CSORN registry study. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 698-703.	1.7	4
41	All over the MAP: describing pressure variability in acute spinal cord injury. <i>Spinal Cord</i> , 2022, 60, 470-475.	1.9	4
42	Preoperative patient reported outcomes are not associated with sagittal and spinopelvic alignment in degenerative lumbar spondylolisthesis. <i>Spine</i> , 2022, Publish Ahead of Print, .	2.0	4
43	Surgical outcomes of patients who fail to reach minimal clinically important differences: comparison of minimally invasive versus open transforaminal lumbar interbody fusion. <i>Journal of Neurosurgery: Spine</i> , 2022, , 1-8.	1.7	2
44	Effectiveness of silver alloyâ€‘coated silicone urinary catheters in patients with acute traumatic cervical spinal cord injury: Results of a quality improvement initiative. <i>Journal of Clinical Neuroscience</i> , 2020, 78, 135-138.	1.5	1
45	Patient-Reported Outcomes Following Surgery for Lumbar Disc Herniation: Comparison of a Universal and Multitier Health Care System. <i>Global Spine Journal</i> , 2023, 13, 1695-1702.	2.3	1