

John H. Shin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1192560/publications.pdf>

Version: 2024-02-01

97
papers

1,844
citations

331670

21
h-index

315739

38
g-index

100
all docs

100
docs citations

100
times ranked

2210
citing authors

#	ARTICLE	IF	CITATIONS
1	Racial Disparities in Perioperative Morbidity Following Oncological Spine Surgery. <i>Global Spine Journal</i> , 2023, 13, 1194-1199.	2.3	2
2	Impact of Racial Disparities on All-Cause Mortality in Patients With Tumors of the Spinal Cord or Spinal Meninges: A Propensity-Score Analysis. <i>Global Spine Journal</i> , 2023, 13, 1365-1373.	2.3	1
3	Hospital Frailty Risk Score and Healthcare Resource Utilization After Surgery for Primary Spinal Intradural/Cord Tumors. <i>Global Spine Journal</i> , 2023, 13, 2074-2084.	2.3	9
4	Prospective comparison of the accuracy of the New England Spinal Metastasis Score (NESMS) to legacy scoring systems in prognosticating outcomes following treatment of spinal metastases. <i>Spine Journal</i> , 2022, 22, 39-48.	1.3	16
5	Clinical Prediction Modeling in Intramedullary Spinal Tumor Surgery. <i>Acta Neurochirurgica Supplementum</i> , 2022, 134, 333-339.	1.0	4
6	Machine Learning Applications of Surgical Imaging for the Diagnosis and Treatment of Spine Disorders: Current State of the Art. <i>Neurosurgery</i> , 2022, 90, 372-382.	1.1	7
7	Differences in Health Care Resource Utilization After Surgery for Metastatic Spinal Column Tumors in Patients with a Concurrent Affective Disorder in the United States. <i>World Neurosurgery</i> , 2022, 161, e252-e267.	1.3	6
8	Hospital Frailty Risk Score and healthcare resource utilization after surgery for metastatic spinal column tumors. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 241-251.	1.7	10
9	Evaluating frailty, mortality, and complications associated with metastatic spine tumor surgery using machine learning-derived body composition analysis. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 263-273.	1.7	4
10	Commentary on "Steroids in the Management of Preoperative Neurological Deficits in Metastatic Spine Disease: Results From the EPOSO Study". <i>Neurospine</i> , 2022, 19, 51-52.	2.9	0
11	Attitudes and trends in the use of radiolucent spinal implants: A survey of the North American Spine Society section of spinal oncology. <i>North American Spine Society Journal (NASSJ)</i> , 2022, 10, 100105.	0.5	0
12	Biomechanical analysis of stand-alone lumbar interbody cages versus 360° constructs: an in vitro and finite element investigation. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 928-936.	1.7	2
13	Assessment of Frailty Indices and Charlson Comorbidity Index for Predicting Adverse Outcomes in Patients Undergoing Surgery for Spine Metastases: A National Database Analysis. <i>World Neurosurgery</i> , 2022, 164, e1058-e1070.	1.3	13
14	Abstract 982: A new transcriptional metastatic signature predicts survival in clear cell renal cell carcinoma. <i>Cancer Research</i> , 2022, 82, 982-982.	0.9	0
15	Effects of rod diameter on kinematics of posterior cervical spine instrumented constructs: an ex vivo study. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 749-757.	1.7	0
16	Utility of Virtual Spine Neurosurgery Education for Medical Students. <i>World Neurosurgery</i> , 2022, 163, 179-186.	1.3	1
17	Application of Video-Based Deep Learning for Early Diagnosis of Neurological Disorders. <i>JAMA Network Open</i> , 2022, 5, e2221343.	5.9	1
18	Advances in surgical hemostasis: a comprehensive review and meta-analysis on topical tranexamic acid in spinal deformity surgery. <i>Neurosurgical Review</i> , 2021, 44, 163-175.	2.4	15

#	ARTICLE	IF	CITATIONS
19	Prospective validation of a clinical prediction score for survival in patients with spinal metastases: the New England Spinal Metastasis Score. <i>Spine Journal</i> , 2021, 21, 28-36.	1.3	31
20	Assessment of the efficacy of teriparatide treatment for osteoporosis on lumbar fusion surgery outcomes: a systematic review and meta-analysis. <i>Neurosurgical Review</i> , 2021, 44, 1357-1370.	2.4	13
21	Safety and accuracy of robot-assisted placement of pedicle screws compared to conventional free-hand technique: a systematic review and meta-analysis. <i>Spine Journal</i> , 2021, 21, 181-192.	1.3	67
22	The Prognostic Role of Magnetic Resonance Imaging Biomarkers in Mild Traumatic Injury. <i>JAMA Network Open</i> , 2021, 4, e211824.	5.9	7
23	Safety and efficacy of cement augmentation with fenestrated pedicle screws for tumor-related spinal instability. <i>Neurosurgical Focus</i> , 2021, 50, E12.	2.3	14
24	Interhospital transfer status for spinal metastasis patients in the United States is associated with more severe clinical presentations and higher rates of inpatient complications. <i>Neurosurgical Focus</i> , 2021, 50, E4.	2.3	4
25	Modified-frailty index does not independently predict complications, hospital length of stay or 30-day readmission rates following posterior lumbar decompression and fusion for spondylolisthesis. <i>Spine Journal</i> , 2021, 21, 1812-1821.	1.3	20
26	Microsurgical resection of foramen magnum meningioma: multi-institutional retrospective case series and proposed surgical risk scoring system. <i>Journal of Neuro-Oncology</i> , 2021, 153, 331-342.	2.9	3
27	Introduction. Treatment of spinal cord and spinal axial tumors. <i>Neurosurgical Focus</i> , 2021, 50, E1.	2.3	1
28	Performance assessment of the metastatic spinal tumor frailty index using machine learning algorithms: limitations and future directions. <i>Neurosurgical Focus</i> , 2021, 50, E5.	2.3	21
29	Systematic review of charged-particle therapy for chordomas and sarcomas of the mobile spine and sacrum. <i>Neurosurgical Focus</i> , 2021, 50, E17.	2.3	6
30	Feasibility of achieving planned surgical margins in primary spine tumor: a PTRON study. <i>Neurosurgical Focus</i> , 2021, 50, E16.	2.3	1
31	Open epidural blood patch to augment durotomy repair in lumbar spine surgery: surgical technique and cohort study. <i>Spine Journal</i> , 2021, 21, 2010-2018.	1.3	5
32	Novel Applications of Spinal Navigation in Deformity and Oncology Surgery—Beyond Screw Placement. <i>Operative Neurosurgery</i> , 2021, 21, S23-S38.	0.8	3
33	Cost and Health Care Resource Utilization Differences After Spine Surgery for Bony Spine versus Primary Intradural Spine Tumors. <i>World Neurosurgery</i> , 2021, 151, e286-e298.	1.3	7
34	Race Is an Independent Predictor for Nonroutine Discharges After Spine Surgery for Spinal Intradural/Cord Tumors. <i>World Neurosurgery</i> , 2021, 151, e707-e717.	1.3	3
35	The Ongoing Debate of Arthroplasty or Fusion for Cervical Radiculopathy. <i>JAMA Network Open</i> , 2021, 4, e2119577.	5.9	1
36	Association of Spinal Alignment Correction With Patient-Reported Outcomes in Adult Cervical Deformity: Review of the Literature. <i>Neurospine</i> , 2021, 18, 533-542.	2.9	10

#	ARTICLE	IF	CITATIONS
37	Spinal metastases 2021: a review of the current state of the art and future directions. Spine Journal, 2021, 21, 1414-1429.	1.3	38
38	The effectiveness of systemic therapies after surgery for metastatic renal cell carcinoma to the spine: a propensity analysis controlling for sarcopenia, frailty, and nutrition. Journal of Neurosurgery: Spine, 2021, 35, 356-365.	1.7	6
39	Patient- and hospital-related risk factors for non-routine discharge after lumbar decompression and fusion for spondylolisthesis. Clinical Neurology and Neurosurgery, 2021, 209, 106902.	1.4	7
40	Clinician Experiences in Treatment Decision-Making for Patients with Spinal Metastases. Journal of Bone and Joint Surgery - Series A, 2021, 103, e1.	3.0	7
41	Human prostate cancer bone metastases have an actionable immunosuppressive microenvironment. Cancer Cell, 2021, 39, 1464-1478.e8.	16.8	98
42	Comparison of three predictive scoring systems for morbidity in oncological spine surgery. Journal of Clinical Neuroscience, 2021, 94, 13-17.	1.5	6
43	Commentary: Use of Navigated Ultrasonic Bone Cutting Tool for En Bloc Resection of Thoracic Chondrosarcoma: Technical Report. Operative Neurosurgery, 2021, 20, E163-E164.	0.8	0
44	Effects of preoperative nutritional status on complications and readmissions after posterior lumbar decompression and fusion for spondylolisthesis: A propensity-score analysis. Clinical Neurology and Neurosurgery, 2021, 211, 107017.	1.4	7
45	Commentary: Hybrid Therapy (Surgery and Radiosurgery) for the Treatment of Renal Cell Carcinoma Spinal Metastases. Neurosurgery, 2021, Publish Ahead of Print, .	1.1	0
46	Laboratory markers as useful prognostic measures for survival in patients with spinal metastases. Spine Journal, 2020, 20, 5-13.	1.3	16
47	Design of the prospective observational study of spinal metastasis treatment (POST). Spine Journal, 2020, 20, 572-579.	1.3	15
48	Emerging Percutaneous Ablative and Radiosurgical Techniques for Treatment of Spinal Metastases. Neurosurgery Clinics of North America, 2020, 31, 141-150.	1.7	10
49	Commentary: Survival Trends After Surgery for Spinal Metastatic Tumors: 20-Year Cancer Center Experience. Neurosurgery, 2020, 88, E140-E141.	1.1	0
50	Free Vascularized Fibula Graft with Femoral Allograft Sleeve for Lumbar Spine Defects After Spondylectomy of Malignant Tumors. JBJS Case Connector, 2020, 10, e20.00075-e20.00075.	0.3	4
51	Virtual Spine: A Novel, International Teleconferencing Program Developed to Increase the Accessibility of Spine Education During the COVID-19 Pandemic. World Neurosurgery, 2020, 140, e367-e372.	1.3	33
52	Scoring System to Triage Patients for Spine Surgery in the Setting of Limited Resources: Application to the Coronavirus Disease 2019 (COVID-19) Pandemic and Beyond. World Neurosurgery, 2020, 140, e373-e380.	1.3	15
53	The Italian Renaissance "spacer style. Journal of NeuroInterventional Surgery, 2020, 12, 678-679.	3.3	1
54	Survival After Surgery for Renal Cell Carcinoma Metastatic to the Spine: Impact of Modern Systemic Therapies on Outcomes. Neurosurgery, 2020, 87, 1174-1180.	1.1	10

#	ARTICLE	IF	CITATIONS
55	Commentary: Sarcopenia as a Prognostic Factor for 90-Day and Overall Mortality in Patients Undergoing Spine Surgery for Metastatic Tumors: A Multi-Center Retrospective Cohort Study. <i>Neurosurgery</i> , 2020, 87, E550-E551.	1.1	3
56	Structural Allograft versus Polyetheretherketone Implants in Patients Undergoing Spinal Fusion Surgery: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2020, 136, 101-109.	1.3	11
57	Development and Validation of Machine Learning Algorithms for Predicting Adverse Events After Surgery for Lumbar Degenerative Spondylolisthesis. <i>World Neurosurgery</i> , 2020, 140, 627-641.	1.3	14
58	Risk Factors for Wound-Related Complications After Surgery for Primary and Metastatic Spine Tumors: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2020, 141, 467-478.e3.	1.3	23
59	Does Obesity Correlate with Postoperative Complications After Elective Posterior Cervical Spine Fusion?. <i>World Neurosurgery</i> , 2020, 141, e231-e238.	1.3	5
60	Polyetheretherketone Versus Titanium Cages for Posterior Lumbar Interbody Fusion: Meta-Analysis and Review of the Literature. <i>Neurospine</i> , 2020, 17, 125-135.	2.9	38
61	Novel Technique for C1-C2 Interlaminar Arthrodesis Utilizing a Modified Sonntag Loop-Suture Graft With Posterior C1-C2 Fixation. <i>Neurospine</i> , 2020, 17, 659-665.	2.9	1
62	Myopericytoma at the Craniocervical Junction: Clinicopathological Report and Review of a Rare Perivascular Neoplasm. <i>Neurosurgery</i> , 2019, 85, E360-E365.	1.1	6
63	Computer-Assisted Navigation for Real Time Planning of Pedicle Subtraction Osteotomy in Cervico-Thoracic Deformity Correction. <i>Operative Neurosurgery</i> , 2019, 16, 445-450.	0.8	9
64	Predicting 90-Day and 1-Year Mortality in Spinal Metastatic Disease: Development and Internal Validation. <i>Neurosurgery</i> , 2019, 85, E671-E681.	1.1	125
65	Development of Machine Learning Algorithms for Prediction of 30-Day Mortality After Surgery for Spinal Metastasis. <i>Neurosurgery</i> , 2019, 85, E83-E91.	1.1	106
66	Novel Strategy of Ventral Dural Repair for Idiopathic Thoracic Spinal Cord Herniation: Report of Outcomes and Review of Techniques. <i>Operative Neurosurgery</i> , 2019, 17, 21-31.	0.8	9
67	Histopathological Findings After Reirradiation Compared to First Irradiation of Spinal Bone Metastases With Stereotactic Body Radiotherapy: A Cohort Study. <i>Neurosurgery</i> , 2019, 84, 435-441.	1.1	7
68	Predictive Analytics in Spine Oncology Research: First Steps, Limitations, and Future Directions. <i>Neurospine</i> , 2019, 16, 669-677.	2.9	20
69	Artificial Intelligence in Neurosurgery: A Comment on the Possibilities. <i>Neurospine</i> , 2019, 16, 640-642.	2.9	5
70	Prognostic models for spinal metastatic disease: evolution of methodologies, limitations, and future opportunities. <i>Annals of Translational Medicine</i> , 2019, 7, 219-219.	1.7	12
71	Current treatment strategy for newly diagnosed chordoma of the mobile spine and sacrum: results of an international survey. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 119-125.	1.7	35
72	Implication of Biomarker Mutations for Predicting Survival in Patients With Metastatic Lung Cancer to the Spine. <i>Spine</i> , 2018, 43, E1274-E1280.	2.0	7

#	ARTICLE	IF	CITATIONS
73	Exploiting MCL1 Dependency with Combination MEK + MCL1 Inhibitors Leads to Induction of Apoptosis and Tumor Regression in <i>KRAS</i> -Mutant Non-Small Cell Lung Cancer. <i>Cancer Discovery</i> , 2018, 8, 1598-1613.	9.4	71
74	Validation of the Spine Oncology Study Group's Outcomes Questionnaire to assess quality of life in patients with metastatic spine disease. <i>Spine Journal</i> , 2017, 17, 768-776.	1.3	44
75	Case 19-2017 - A 53-Year-Old Woman with Leg Numbness and Weakness. <i>New England Journal of Medicine</i> , 2017, 376, 2471-2481.	27.0	4
76	Sporadic NF2 Mosaic: Multiple spinal schwannomas presenting with severe, intractable pain following pregnancy. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2017, 10, 142-145.	0.3	0
77	The role of revision surgery and adjuvant therapy following subtotal resection of osteosarcoma of the spine: a systematic review with meta-analysis. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 97-104.	1.7	27
78	Effect of Immunotherapy Status on Outcomes in Patients With Metastatic Melanoma to the Spine. <i>Spine</i> , 2017, 42, E721-E725.	2.0	11
79	Risk for surgical complications after previous stereotactic body radiotherapy of the spine. <i>Radiation Oncology</i> , 2017, 12, 153.	2.7	9
80	Stereotactic Body Radiotherapy for Spinal Metastases. <i>Spine</i> , 2016, 41, S238-S245.	2.0	68
81	Predicting Neurologic Recovery after Surgery in Patients with Deficits Secondary to MESCC. <i>Spine</i> , 2016, 41, S224-S230.	2.0	50
82	Management of Locally Recurrent Chordoma of the Mobile Spine and Sacrum. <i>Spine</i> , 2016, 41, S193-S198.	2.0	59
83	When Less Is More. <i>Spine</i> , 2016, 41, S246-S253.	2.0	80
84	A Systematic Review of Metastatic Hepatocellular Carcinoma to the Spine. <i>World Neurosurgery</i> , 2016, 91, 510-517.e4.	1.3	19
85	Molecular and clinical prognostic factors for favorable outcome following surgical resection of adult intramedullary spinal cord astrocytomas. <i>Clinical Neurology and Neurosurgery</i> , 2016, 144, 82-87.	1.4	15
86	Metastatic adrenal cortical carcinoma to T12 vertebrae. <i>Journal of Clinical Neuroscience</i> , 2016, 27, 166-169.	1.5	6
87	Spinal cord glioblastoma: 25 years of experience from a single institution. <i>Journal of Clinical Neuroscience</i> , 2016, 27, 138-141.	1.5	35
88	BRAF alteration status and the histone H3F3A gene K27M mutation segregate spinal cord astrocytoma histology. <i>Acta Neuropathologica</i> , 2016, 131, 147-150.	7.7	57
89	Operative Management of Spinal Injuries. <i>Current Trauma Reports</i> , 2015, 1, 193-202.	1.3	0
90	A 20-Year-Old Man With Back Pain and Lower Extremity Weakness. <i>JAMA Neurology</i> , 2015, 72, 363.	9.0	1

#	ARTICLE	IF	CITATIONS
91	Progression free survival and functional outcome after surgical resection of intramedullary ependymomas. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1933-1937.	1.5	21
92	Intramedullary spinal metastasis of a carcinoid tumor. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1990-1991.	1.5	4
93	Efficiency gains for spinal radiosurgery using multicriteria optimization intensity modulated radiation therapy guided volumetric modulated arc therapy planning. <i>Practical Radiation Oncology</i> , 2015, 5, 49-55.	2.1	7
94	Safety and efficacy of stereotactic body radiotherapy as primary treatment for vertebral metastases: a multi-institutional analysis. <i>Radiation Oncology</i> , 2014, 9, 226.	2.7	144
95	Sporadic hemangioblastomas are characterized by cryptic VHL inactivation. <i>Acta Neuropathologica Communications</i> , 2014, 2, 167.	5.2	65
96	Bilateral Pedicle Screw Fixation versus Unilateral Pedicle and Contralateral Facet Screws for Minimally Invasive Transforaminal Lumbar Interbody Fusion: Clinical Outcomes and Cost Analysis. <i>Global Spine Journal</i> , 2013, 3, 225-230.	2.3	15
97	Iliac Screw Fixation Using Computer-Assisted Computer Tomographic Image Guidance. <i>Operative Neurosurgery</i> , 2012, 70, ons16-ons20.	0.8	6