John M Caridi

List of Publications by Year
in descending order

99 papers	1,584 citations	331259 21 h-index	344852 36 g-index
100 all docs	100 docs citations	100 times ranked	2040 citing authors

#	Article	IF	Citations
1	Frailty Index Is a Significant Predictor of Complications and Mortality After Surgery for Adult Spinal Deformity. Spine, 2016, 41, E1394-E1401.	1.0	162
2	Key Role of Sulfonylurea Receptor 1 in Progressive Secondary Hemorrhage after Brain Contusion. Journal of Neurotrauma, 2009, 26, 2257-2267.	1.7	135
3	Examining the Ability of Artificial Neural Networks Machine Learning Models to Accurately Predict Complications Following Posterior Lumbar Spine Fusion. Spine, 2018, 43, 853-860.	1.0	122
4	Novel Model of Frontal Impact Closed Head Injury in the Rat. Journal of Neurotrauma, 2009, 26, 2233-2243.	1.7	86
5	Predicting Surgical Complications in Patients Undergoing Elective AdultÂSpinal Deformity Procedures Using Machine Learning. Spine Deformity, 2018, 6, 762-770.	0.7	61
6	Predicting Trends in Cervical Spinal Surgery in the United States from 2020 to 2040. World Neurosurgery, 2020, 141, e175-e181.	0.7	61
7	Utility of the Hospital Frailty Risk Score for Predicting Adverse Outcomes in Degenerative Spine Surgery Cohorts. Neurosurgery, 2020, 87, 1223-1230.	0.6	49
8	The Top 100 Classic Papers in Lumbar Spine Surgery. Spine, 2015, 40, 740-747.	1.0	43
9	Frailty Is Predictive of Adverse Postoperative Events in Patients Undergoing Lumbar Fusion. Global Spine Journal, 2017, 7, 529-535.	1.2	37
10	Morbidity and Mortality of Meningioma Resection Increases in Octogenarians. World Neurosurgery, 2018, 109, e16-e23.	0.7	35
11	To operate or not?: A literature review of surgical outcomes in 95 patients with Parkinson's disease undergoing spine surgery. Clinical Neurology and Neurosurgery, 2015, 134, 122-125.	0.6	31
12	Disparities in Outcomes by Insurance Payer Groups for Patients Undergoing Anterior Cervical Discectomy and Fusion. Spine, 2020, 45, 770-775.	1.0	30
13	Coagulation Profile as a Risk Factor for 30-Day Morbidity and Mortality Following Posterior Lumbar Fusion. Spine, 2017, 42, 950-957.	1.0	29
14	Frailty status as a predictor of 3-month cognitive and functional recovery following spinal surgery: a prospective pilot study. Spine Journal, 2019, 19, 104-112.	0.6	29
15	Elixhauser Comorbidity Measure is Superior to Charlson Comorbidity Index In-Predicting Hospital Complications Following Elective Posterior Cervical Decompression and Fusion. World Neurosurgery, 2020, 138, e26-e34.	0.7	29
16	The 100 Most Influential Articles in Cervical Spine Surgery. Global Spine Journal, 2016, 6, 69-79.	1.2	28
17	Incidence, Impact, and Risk Factors for 30-Day Wound Complications Following Elective Adult Spinal Deformity Surgery. Global Spine Journal, 2017, 7, 417-424.	1.2	27
18	Increases in Subdural Hematoma with an Aging Populationâ€"the Future of American Cerebrovascular Disease. World Neurosurgery, 2020, 141, e166-e174.	0.7	27

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19	Neurosurgical management of brain and spine tumors in the COVID-19 era: an institutional experience from the epicenter of the pandemic. Journal of Neuro-Oncology, 2020, 148, 211-219.	1.4	24
20	The Effect of Increasing Pedicle Screw Size on Thoracic Spinal Canal Dimensions. Spine, 2014, 39, E1195-E1200.	1.0	23
21	Surgical Morbidity and Mortality Associated With Transoral Approach to the Cervical Spine. Spine, 2016, 41, E535-E540.	1.0	23
22	Predicting In-Hospital Complications After Anterior Cervical Discectomy and Fusion: A Comparison of the Elixhauser and Charlson Comorbidity Indices. World Neurosurgery, 2020, 134, e487-e496.	0.7	23
23	Discharge Destination as a Predictor of Postoperative Outcomes and Readmission Following Posterior Lumbar Fusion. World Neurosurgery, 2019, 122, e139-e146.	0.7	22
24	Trends and Disparities in Cervical Spine Fusion Procedures Utilization in the New York State. Spine, 2018, 43, E601-E606.	1.0	21
25	Characterizing the risk and outcome profiles of lumbar fusion procedures in patients with opioid use disorders: a step toward improving enhanced recovery protocols for a unique patient population. Neurosurgical Focus, 2019, 46, E12.	1.0	21
26	The 100 Classic Papers in Spinal Deformity Surgery. Spine Deformity, 2014, 2, 241-247.	0.7	20
27	Association Between Surgeon Experience and Complication Rates in Adult Scoliosis Surgery. Spine, 2015, 40, 1200-1205.	1.0	17
28	Role of Posterior Ligamentous Reinforcement in Proximal Junctional Kyphosis: A Cadaveric Biomechanical Study. Asian Spine Journal, 2019, 13, 68-76.	0.8	16
29	A Comparative Analysis Among the SRS M&M, NIS, and KID Databases for the Adolescent Idiopathic Scoliosis. Spine Deformity, 2016, 4, 420-424.	0.7	15
30	Risk Factors for Thirty-Day Morbidity and Mortality in Extradural Lumbar Spine Tumor Resection. World Neurosurgery, 2018, 114, e1101-e1106.	0.7	15
31	No Disparity in Outcomes Between Surgical Clipping and Endovascular Coiling After Aneurysmal Subarachnoid Hemorrhage. World Neurosurgery, 2018, 120, e318-e325.	0.7	13
32	Utilization of the American Society of Anesthesiologists (ASA) classification system in evaluating outcomes and costs following deformity spine procedures. Spine Deformity, 2021, 9, 185-190.	0.7	13
33	Curvularia Abscess of the Brainstem. World Neurosurgery, 2014, 82, 241.e9-241.e13.	0.7	12
34	Attenuation of Proximal Junctional Kyphosis Using Sublaminar Polyester Tension Bands: A Biomechanical Study. World Neurosurgery, 2018, 120, e1136-e1142.	0.7	12
35	Large Rises in Thoracolumbar Fusions by 2040: A Cause for Concern with an Increasingly Elderly Surgical Population. World Neurosurgery, 2020, 144, e25-e33.	0.7	12
36	Perioperative Risk Factors for Thirty-Day Morbidity and Mortality in the Resection of Extradural Thoracic Spine Tumors. World Neurosurgery, 2018, 120, e950-e956.	0.7	11

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37	Posterior Cervical Decompression and Fusion: Assessing Risk Factors for Nonhome Discharge and the Impact of Disposition on Postdischarge Outcomes. World Neurosurgery, 2019, 125, e958-e965.	0.7	11
38	Nonhome Discharge as an Independent Risk Factor for Adverse Events and Readmission in Patients Undergoing Anterior Cervical Discectomy and Fusion. Clinical Spine Surgery, 2020, 33, E454-E459.	0.7	11
39	A Comparison of the Elixhauser and Charlson Comorbidity Indices: Predicting In-Hospital Complications Following Anterior Lumbar Interbody Fusions. World Neurosurgery, 2020, 144, e353-e360.	0.7	10
40	Application of Cooperative Game Theory Principles to Interpret Machine Learning Models of Nonhome Discharge Following Spine Surgery. Spine, 2021, 46, 803-812.	1.0	10
41	Coagulation Profile as a Risk Factor for 30-day Morbidity Following Cervical Laminectomy and Fusion. Spine, 2018, 43, 239-247.	1.0	9
42	Impact of Obesity on Surgical Outcomes Following Laminectomy for Spinal Metastases. Global Spine Journal, 2019, 9, 254-259.	1.2	9
43	Later Surgical Start Time Is Associated With Longer Length of Stay and Higher Cost in Cervical Spine Surgery. Spine, 2020, 45, 1171-1177.	1.0	9
44	Drivers of Prolonged Hospitalization Following Spine Surgery. Journal of Bone and Joint Surgery - Series A, 2021, 103, 64-73.	1.4	9
45	Machine Learning With Feature Domains Elucidates Candidate Drivers of Hospital Readmission Following Spine Surgery in a Large Single-Center Patient Cohort. Neurosurgery, 2020, 87, E500-E510.	0.6	8
46	Lower Mortality and Morbidity with Low-Molecular-Weight Heparin for Venous Thromboembolism Prophylaxis in Spine Trauma. Spine, 2020, 45, 1613-1618.	1.0	8
47	Posterior-Only Circumferential Decompression and Reconstruction in the Surgical Management of Lumbar Vertebral Osteomyelitis. Global Spine Journal, 2016, 6, 35-40.	1.2	7
48	Enhanced Recovery After Neurosurgery: Paradigm Shift and Call to Arms. World Neurosurgery, 2017, 100, 683-685.	0.7	7
49	Revised Cardiac Risk Index as a Predictor for Myocardial Infarction and Cardiac Arrest Following Posterior Lumbar Decompression. Spine, 2019, 44, E187-E193.	1.0	7
50	Delayed extubation in spine surgery is associated with increased postoperative complications and hospital episode-based resource utilization. Journal of Clinical Anesthesia, 2022, 77, 110636.	0.7	7
51	A National Snapshot Detailing the Impact of Parkinson's Disease on the Cost and Outcome Profiles of Fusion Procedures for Cervical Myelopathy. Neurosurgery, 2020, 86, 298-308.	0.6	6
52	American Society of Anesthesiologistsâ€™ Status Association With Cost and Length of Stay in Lumbar Laminectomy and Fusion. Spine, 2020, 45, 333-338.	1.0	6
53	Letter: News From the COVID-19 Front Lines: How Neurosurgeons Are Contributing. Neurosurgery, 2020, 87, E248-E248.	0.6	6
54	Afternoon Surgical Start Time Is Associated with Higher Cost and Longer Length of Stay in Posterior Lumbar Fusion. World Neurosurgery, 2020, 144, e34-e39.	0.7	6

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55	Adjacent Segment Reoperation and Other Perioperative Outcomes in Patients Who Underwent Anterior Lumbar Interbody Fusions at One and Two Levels. World Neurosurgery, 2020, 139, e480-e488.	0.7	6
56	Surgeon experience influences patient characteristics and outcomes in spine deformity surgery. Spine Deformity, 2021, 9, 341-348.	0.7	6
57	The case for T2 pedicle subtraction osteotomy in the surgical treatment of rigid cervicothoracic deformity. Journal of Neurosurgery: Spine, 2020, 32, 248-257.	0.9	6
58	Anesthesia provider performance in the first two years of merit-based incentive payment system: Shifts in reporting and predictors of receiving bonus payments. Journal of Clinical Anesthesia, 2022, 76, 110582.	0.7	6
59	Revised Cardiac Risk Index versus ASA Status as a Predictor for Noncardiac Events After Posterior Lumbar Decompression. World Neurosurgery, 2018, 120, e1175-e1184.	0.7	5
60	Effect of Psychiatric Comorbidities on In-Hospital Outcomes and Cost for Cervical Spondylotic Myelopathy. World Neurosurgery, 2019, 129, e718-e725.	0.7	5
61	Intraoperative Navigation in Spine Surgery: Effects on Complications and Reoperations. World Neurosurgery, 2022, 160, e404-e411.	0.7	5
62	The Effect of Parkinsonâ€™s Disease on Patients Undergoing Lumbar Spine Surgery. Parkinson's Disease, 2018, 2018, 1-7.	0.6	4
63	Diabetes Comorbidity Increases Risk of Postoperative Complications in Traumatic Thoracic Vertebral Fracture Repair: A Propensity Score Matched Analysis. World Neurosurgery, 2019, 121, e792-e797.	0.7	4
64	Lung adenocarcinoma presumed to be Pottâ€™s disease in a 28-year-old patient: A case report and review of literature. , 2019, 10, 208.		4
65	Seasonal Effects on Surgical Site Infections Following Spine Surgery. World Neurosurgery, 2022, , .	0.7	4
66	Complications and Revision Rates for Long Fusions Terminating at L5 Versus the Sacrum in Adult Spine Deformity. Spine Journal, 2011, 11, S172.	0.6	3
67	Pelvic fixation techniques and impact on sagittal balance: A literature review. Seminars in Spine Surgery, 2017, 29, 184-191.	0.1	3
68	Assessing Variability in In-Hospital Complication Rates Between Surgical Services for Patients Undergoing Posterior Cervical Decompression and Fusion. Spine, 2019, 44, 163-168.	1.0	3
69	Diabetes Is Predictive of Postoperative Outcomes and Readmission Following Posterior Lumbar Fusion. Global Spine Journal, 2022, 12, 229-236.	1.2	3
70	Perioperative Outcomes of Spinal Cord Stimulator Placement in Patients with Complex Regional Pain Syndrome Compared with Patients without Complex Regional Pain Syndrome. World Neurosurgery, 2020, 137, e106-e117.	0.7	3
71	A Comparison of Outcomes for Spinal Trauma Patients at Level I and Level II Centers. Clinical Spine Surgery, 2021, 34, 153-157.	0.7	3
72	Epidemiology of postoperative spinal implant infections. Journal of Spine Surgery, 2020, 6, 762-764.	0.6	3

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73	Surgical Start Time Is Not Predictive of Microdiscectomy Outcomes. Clinical Spine Surgery, 2021, 34, E107-E111.	0.7	3
74	Clinical Trials in Spinal Tumors: A Two-Decade Review. World Neurosurgery, 2022, 161, e39-e53.	0.7	3
75	The Impact of ASA Status on Cost of Care and Length of Stay Following Posterior Cervical Decompression and Fusion. World Neurosurgery, 2021, , .	0.7	3
76	Primary extranodal marginal zone lymphoma involving the skull. Journal of Clinical Neuroscience, 2014, 21, 351-353.	0.8	2
77	Cervical Burst Fracture in a Patient with Contiguous 2-Level Cervical Stand-Alone Cages. World Neurosurgery, 2017, 105, 1041.e1-1041.e5.	0.7	2
78	Postoperative Radiculopathy Caused by a Retained Fractured Pedicle Cannulation Probe and Its Mechanism of Extraction. World Neurosurgery, 2017, 107, 1044.e1-1044.e4.	0.7	2
79	Surgery for spinal deformity: non-elective admission status is associated with higher cost of care and longer length of stay. Spine Deformity, 2021, 9, 373-379.	0.7	2
80	The Impact of Non-Elective Admission on Cost of Care and Length of Stay in Anterior Cervical Discectomy and Fusion. Spine, 2021, Publish Ahead of Print, 1535-1541.	1.0	2
81	Progressive multifocal leukoencephalopathy presenting as a single ring-enhancing lesion. Clinical Neurology and Neurosurgery, 2014, 122, 77-79.	0.6	1
82	Fatal Intraoperative Cardiac Arrest After Application of Surgifoam Into a Bleeding Iliac Screw Defect. Spine, 2014, 39, E1239-E1242.	1.0	1
83	The Impact of Diabetes on Outcomes and Health Care Costs Following Anterior Cervical Discectomy and Fusion. Global Spine Journal, 2020, , 219256822096405.	1.2	1
84	Reply-to-Letter: Disparities in Outcomes by Insurance Payer Groups for Patients Undergoing Anterior Cervical Discectomy and Fusion. Spine, 2020, 45, E974.	1.0	1
85	Changing Causes of US Neurological Disease Mortality From 1999 to 2017. JAMA Neurology, 2020, 77, 1175.	4.5	1
86	Adult spinal deformity surgery: the effect of surgical start time on patient outcomes and cost of care. Spine Deformity, 2020, 8, 1017-1023.	0.7	1
87	Assessing the Impact of Neurogenic Claudication on Outcomes Following Decompression With Lumbar Interbody Fusions in Patients With Lumbar Spinal Stenosis. Global Spine Journal, 2021, 11, 203-211.	1.2	1
88	Comparison of Cost and Perioperative Outcome Profiles for Primary and Revision Posterior Cervical Fusion Procedures. Spine, 2021, 46, 1295-1301.	1.0	1
89	20-year Inflation-Adjusted Medicare Reimbursements (Years: 2000-2020) For Common Lumbar and Cervical Degenerative Disc Disease Procedures. Global Spine Journal, 2024, 14, 211-218.	1.2	1
90	Recent Trends in Surgical Treatment of Adult Scoliosis: A Review of 7,570 Cases from the Scoliosis Research Society Database 2001-2008. Spine Journal, 2013, 13, S96.	0.6	0

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91	The Effect of Increasing Pedicle Screw Diameter on Thoracic Spinal Canal Dimensions: An Anatomic Study. Spine Journal, 2013, 13, S121.	0.6	0
92	Thursday, September 27, 2018 1:05 PMâ€“2:05 PM Understanding Anxiety and Depression when Performing Spine Surgery. Spine Journal, 2018, 18, S57-S58.	0.6	0
93	Wednesday, September 26, 2018 2:00 PM â€“ 3:00 PM Increasing Value: Lumbar Spine Surgery. Spine Journal, 2018, 18, S31-S32.	0.6	0
94	Negative Sagittal Balance Following Adult Spinal Deformity Surgery. Global Spine Journal, 2018, 8, 149-155.	1.2	0
95	Commentary: Ambulation on Postoperative Day #0 Is Associated With Decreased Morbidity and Adverse Events After Elective Lumbar Spine Surgery: Analysis From the Michigan Spine Surgery Improvement Collaborative (MSSIC). Neurosurgery, 2020, 87, E113-E114.	0.6	0
96	A fellowship of firsts: report of the 2019 SRS traveling fellowship. Spine Deformity, 2020, 8, 157-164.	0.7	0
97	Comparison of Surgical Outcomes of Microdiskectomy Procedures by Patient Admission Status. World Neurosurgery, 2021, 150, e38-e44.	0.7	0
98	Comparison of Anterior and Posterior Surgical Approaches for Treatment of Thoracic Myelopathy. World Neurosurgery, 2021, 154, e343-e348.	0.7	0
99	A Better Method for Repairing Lumbar Dural Tears? A Review of the Literature. Surgical Technology International, 2017, 31, 403-406.	0.1	0