David P Stonko

List of Publications by Year
in descending order

48 papers	681 citations	623734 14 h-index	642732 23 g-index
52 all docs	52 docs citations	52 times ranked	976 citing authors

#	Article	IF	Citations
1	Contemporary Management and Outcomes of Injuries to the Inferior Vena Cava: A Prospective Multicenter Trial From PROspective Observational Vascular Injury Treatment. American Surgeon, 2023, 89, 714-719.	0.8	8
2	In-hospital outcomes in autogenous vein versus synthetic graft interposition for traumatic arterial injury: A propensity-matched cohort from PROOVIT. Journal of Trauma and Acute Care Surgery, 2022, 92, 407-412.	2.1	7
3	A technical and data analytic approach to pressure-volume loops over numerous cardiac cycles. JVS Vascular Science, 2022, 3, 73-84.	1.1	16
4	Index atherectomy peripheral vascular interventions performed for claudication are associated with more reinterventions than nonatherectomy interventions. Journal of Vascular Surgery, 2022, 76, 489-498.e4.	1.1	12
5	Transcarotid artery revascularization is associated with similar outcomes to carotid endarterectomy regardless of patient risk status. Journal of Vascular Surgery, 2022, 76, 474-481.e3.	1.1	16
6	119 Identifying Temporal Patterns in Burn Admissions. Journal of Burn Care and Research, 2022, 43, S77-S78.	0.4	0
7	Postoperative antiplatelet and/or anticoagulation use does not impact complication or reintervention rates after vein repair of arterial injury: A PROOVIT study. Vascular, 2022, , 170853812210823.	0.9	1
8	The Underlying Cardiovascular Mechanisms of Resuscitation and Injury of REBOA and Partial REBOA. Frontiers in Physiology, 2022, 13, .	2.8	12
9	Artificial intelligence in trauma systems. Surgery, 2021, 169, 1295-1299.	1.9	14
10	Factors Associated with Increased Mortality in Severe Abdominopelvic Injury. Shock, 2021, Publish Ahead of Print, .	2.1	3
11	A systematic review of sutureless vascular anastomosis technologies. Seminars in Vascular Surgery, 2021, 34, 247-259.	2.8	4
12	Artificial intelligence's role in vascular surgery decision-making. Seminars in Vascular Surgery, 2021, 34, 260-267.	2.8	6
13	Failure to Rescue in Geriatric Trauma: The Impact of Any Complication Increases with Age and Injury Severity in Elderly Trauma Patients. American Surgeon, 2021, 87, 000313482110540.	0.8	6
14	Evaluation of a Physician Peer-Benchmarking Intervention for Practice Variability and Costs for Endovenous Thermal Ablation. JAMA Network Open, 2021, 4, e2137515.	5.9	5
15	A Preoperative Educational Time-Out is Associated with Improved Resident Goal Setting and Strengthens Educational Experiences. Journal of Surgical Education, 2020, 77, 18-26.	2.5	18
16	Review of the French Working Group on Perioperative Hemostasis, French Study Group on Thrombosis and Hemostasis, and French Society for Anaesthesia and Intensive Care Guidelines on Management of Antiplatelet Therapy for Nonelective Invasive Procedures or Bleeding Complications. JAMA Surgery, 2020, 155, 886.	4.3	2
17	Ectopic Fetal Hepatic Tissue in the Placenta. International Journal of Gynecological Pathology, 2019, 38, 426-429.	1.4	11
18	Using an artificial neural network to predict traumatic brain injury. Journal of Neurosurgery: Pediatrics, 2019, 23, 219-226.	1.3	31

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19	Artificial neural networks can predict trauma volume and acuity regardless of center size and geography: A multicenter study. Journal of Trauma and Acute Care Surgery, 2019, 87, 181-187.	2.1	16
20	Preoperative goal setting and perioperative communication in an academic training institution: Where do we stand?. American Journal of Surgery, 2019, 217, 318-322.	1.8	9
21	Timing of Operative Intervention in Traumatic Spine Injuries Without Neurological Deficit. Neurosurgery, 2018, 83, 1015-1022.	1.1	3
22	Trauma Quality Improvement: Reducing Triage Errors by Automating the Level Assignment Process. Journal of Surgical Education, 2018, 75, 1551-1557.	2.5	9
23	A retrospective review comparing two-year patient-reported outcomes, costs, and healthcare resource utilization for TLIF vs. PLF for single-level degenerative spondylolisthesis. European Spine Journal, 2018, 27, 661-669.	2.2	14
24	Patient-Reported Outcomes and Costs Associated With Revision Surgery for Degenerative Cervical Spine Diseases. Spine, 2018, 43, E423-E429.	2.0	19
25	Identifying temporal patterns in trauma admissions: Informing resource allocation. PLoS ONE, 2018, 13, e0207766.	2.5	38
26	Machine-learning analysis outperforms conventional statistical models and CT classification systems in predicting 6-month outcomes in pediatric patients sustaining traumatic brain injury. Neurosurgical Focus, 2018, 45, E2.	2.3	79
27	Machine learning analyses can differentiate meningioma grade by features on magnetic resonance imaging. Neurosurgical Focus, 2018, 45, E4.	2.3	57
28	Healthcare Resource Utilization and Patient-Reported Outcomes Following Elective Surgery for Intradural Extramedullary Spinal Tumors. Neurosurgery, 2017, 81, 613-619.	1.1	16
29	Patient-reported outcomes after lumbar epidural steroid injection for degenerative spine disease in depressed versus non-depressed patients. Spine Journal, 2017, 17, 511-517.	1.3	12
30	A 10-Month-Old Male With a Cough, Fever, and Abnormal Hepatitis Serologies. Clinical Pediatrics, 2017, 56, 593-595.	0.8	0
31	Effect of Complications within 90 Days on Cost Per Quality-Adjusted Life Year Gained Following Elective Surgery for Degenerative Lumbar Spine Disease. Neurosurgery, 2017, 64, 157-164.	1.1	9
32	Prediction of Prolonged Ventilation after Coronary Artery Bypass Grafting: Data from an Artificial Neural Network. Heart Surgery Forum, 2017, 20, 007.	0.5	30
33	Surgical Resection of Intradural Extramedullary Spinal Tumors. Spine, 2016, 41, 1925-1932.	2.0	27
34	Does Obesity Correlate With Worse Patient-Reported Outcomes Following Elective Anterior Cervical Discectomy and Fusion?. Neurosurgery, 2016, 79, 69-74.	1.1	22
35	Effect of obesity on cost per quality-adjusted life years gained following anterior cervical discectomy and fusion in elective degenerative pathology. Spine Journal, 2016, 16, 1342-1350.	1.3	28
36	Is obesity associated with worse patient-reported outcomes following lumbar surgery for degenerative conditions?. European Spine Journal, 2016, 25, 1627-1633.	2.2	24

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37	Preoperative and surgical factors associated with postoperative intensive care unit admission following operative treatment for degenerative lumbar spine disease. European Spine Journal, 2016, 25, 843-849.	2.2	15
38	Does Obesity Correlate with Poor Patient-Reported Outcomes following Cervical Surgery for Degenerative Conditions?. Spine Journal, 2015, 15, S228-S229.	1.3	0
39	Patient-Specific Factors Predicting Dissatisfaction after Elective Surgery for Degenerative Spine Diseases. Spine Journal, 2015, 15, S263.	1.3	0
40	Effect of Obesity on Cost per Quality Adjusted Life Years Gained following Anterior Cervical Discectomy and Fusion in Elective Degenerative Pathology. Spine Journal, 2015, 15, S159-S160.	1.3	1
41	109â€ƒThe Profile of a Smoker and Its Impact on Outcomes After Cervical Spine Surgery. Neurosurgery, 2015, 62, 199-200.	1.1	2
42	A Mathematical Model of Collective Cell Migration in a Three-Dimensional, Heterogeneous Environment. PLoS ONE, 2015, 10, e0122799.	2.5	26
43	Does Number of Reported Drug Allergies Affect Patient-Reported Outcomes and Satisfaction following Operative Treatment for Degenerative Lumbar Spine Disease?. Spine Journal, 2015, 15, S94.	1.3	5
44	Does Depression or Anxiety Affect Patient-Reported Outcomes and Satisfaction following Operative Treatment for Cervical Radiculopathy?. Spine Journal, 2015, 15, S227.	1.3	0
45	Does Depression or Anxiety Affect Patient-Reported Outcomes and Satisfaction Following Operative Treatment for Cervical Myelopathy?. Spine Journal, 2015, 15, S93-S94.	1.3	0
46	Does Obesity Predict Poor Patient-Reported Outcomes following Lumbar Surgery for Degenerative Conditions?. Spine Journal, 2015, 15, S259-S260.	1.3	1
47	Mathematical modeling reveals modulation of both nuclear influx and efflux of Foxo1 by the IGF-I/PI3K/Akt pathway in skeletal muscle fibers. American Journal of Physiology - Cell Physiology, 2014, 306, C570-C584.	4.6	17
48	Hypoxia-inducible factor-1Î± restricts the anabolic actions of parathyroid hormone. Bone Research, 2014, 2, 14005.	11.4	20