

David J Cote

List of Publications by Year in descending order

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102
papers

3,063
citations

186265

28
h-index

189892

50
g-index

104
all docs

104
docs citations

104
times ranked

4252
citing authors

#	ARTICLE	IF	CITATIONS
1	Adult Glioma Incidence and Survival by Race or Ethnicity in the United States From 2000 to 2014. <i>JAMA Oncology</i> , 2018, 4, 1254.	7.1	373
2	Neurological toxicities associated with chimeric antigen receptor T-cell therapy. <i>Brain</i> , 2019, 142, 1334-1348.	7.6	166
3	Risk factors for childhood and adult primary brain tumors. <i>Neuro-Oncology</i> , 2019, 21, 1357-1375.	1.2	150
4	Epidemiology of Brain Tumors. <i>Neurologic Clinics</i> , 2018, 36, 395-419.	1.8	135
5	Randomized Phase II and Biomarker Study of Pembrolizumab plus Bevacizumab versus Pembrolizumab Alone for Patients with Recurrent Glioblastoma. <i>Clinical Cancer Research</i> , 2021, 27, 1048-1057.	7.0	129
6	Agents for fluorescence-guided glioma surgery: a systematic review of preclinical and clinical results. <i>Acta Neurochirurgica</i> , 2017, 159, 151-167.	1.7	119
7	Comparison of the Efficacy and Safety of Endovascular Coiling Versus Microsurgical Clipping for Unruptured Middle Cerebral Artery Aneurysms: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2015, 84, 942-953.	1.3	85
8	Gross total resection of pituitary adenomas after endoscopic vs. microscopic transsphenoidal surgery: a meta-analysis. <i>Acta Neurochirurgica</i> , 2018, 160, 1005-1021.	1.7	82
9	An Online Calculator for the Prediction of Survival in Glioblastoma Patients Using Classical Statistics and Machine Learning. <i>Neurosurgery</i> , 2020, 86, E184-E192.	1.1	75
10	A practical method for prevention of readmission for symptomatic hyponatremia following transsphenoidal surgery. <i>Pituitary</i> , 2018, 21, 25-31.	2.9	72
11	National Databases for Neurosurgical Outcomes Research: Options, Strengths, and Limitations. <i>Neurosurgery</i> , 2018, 83, 333-344.	1.1	71
12	Development of venous thromboembolism (VTE) in patients undergoing surgery for brain tumors: Results from a single center over a 10-year period. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 519-525.	1.5	68
13	Predictors and Rates of Delayed Symptomatic Hyponatremia after Transsphenoidal Surgery: A Systematic Review. <i>World Neurosurgery</i> , 2016, 88, 1-6.	1.3	68
14	Glioma incidence and survival variations by county-level socioeconomic measures. <i>Cancer</i> , 2019, 125, 3390-3400.	4.1	68
15	Readmission and Other Adverse Events after Transsphenoidal Surgery: Prevalence, Timing, and Predictive Factors. <i>Journal of the American College of Surgeons</i> , 2017, 224, 971-979.	0.5	51
16	Venous thromboembolism and intracranial hemorrhage after craniotomy for primary malignant brain tumors: a National Surgical Quality Improvement Program analysis. <i>Journal of Neuro-Oncology</i> , 2018, 136, 135-145.	2.9	50
17	Association of Traumatic Brain Injury With the Risk of Developing Chronic Cardiovascular, Endocrine, Neurological, and Psychiatric Disorders. <i>JAMA Network Open</i> , 2022, 5, e229478.	5.9	49
18	Current indications for the surgical treatment of prolactinomas. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1785-1791.	1.5	45

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19	A Benchmark for Preservation of Normal Pituitary Function After Endoscopic Transsphenoidal Surgery for Pituitary Macroadenomas. <i>World Neurosurgery</i> , 2016, 91, 371-375.	1.3	44
20	Venous thromboembolism prophylaxis in brain tumor patients undergoing craniotomy: a meta-analysis. <i>Journal of Neuro-Oncology</i> , 2016, 130, 561-570.	2.9	44
21	Thirty-Day Outcomes After Craniotomy for Primary Malignant Brain Tumors. <i>Neurosurgery</i> , 2018, 83, 1249-1259.	1.1	44
22	Coiling Versus Microsurgical Clipping in the Treatment of Unruptured Middle Cerebral Artery Aneurysms: A Meta-Analysis. <i>Neurosurgery</i> , 2018, 83, 879-889.	1.1	44
23	Venous thromboembolism in brain tumor patients. <i>Journal of Clinical Neuroscience</i> , 2016, 25, 13-18.	1.5	43
24	Digital Phenotyping in Patients with Spine Disease: A Novel Approach to Quantifying Mobility and Quality of Life. <i>World Neurosurgery</i> , 2019, 126, e241-e249.	1.3	39
25	Neurosurgical Infection Rates and Risk Factors: A National Surgical Quality Improvement Program Analysis of 132,000 Patients, 2006-2014. <i>World Neurosurgery</i> , 2017, 97, 205-212.	1.3	38
26	Impact of operative length on post-operative complications in meningioma surgery: a NSQIP analysis. <i>Journal of Neuro-Oncology</i> , 2017, 131, 59-67.	2.9	36
27	Diabetes Insipidus After Endoscopic Transsphenoidal Surgery. <i>Neurosurgery</i> , 2020, 87, 949-955.	1.1	35
28	Predictors of aggressive clinical phenotype among immunohistochemically confirmed atypical adenomas. <i>Journal of Clinical Neuroscience</i> , 2016, 34, 246-251.	1.5	34
29	Physiologic Growth Hormone Replacement Therapy and Craniopharyngioma Recurrence in Pediatric Patients: A Meta-Analysis. <i>World Neurosurgery</i> , 2018, 109, 487-496.e1.	1.3	34
30	United States neurosurgery annual case type and complication trends between 2006 and 2013: An American College of Surgeons National Surgical Quality Improvement Program analysis. <i>Journal of Clinical Neuroscience</i> , 2016, 31, 106-111.	1.5	31
31	International Defensive Medicine in Neurosurgery: Comparison of Canada, South Africa, and the United States. <i>World Neurosurgery</i> , 2016, 95, 53-61.	1.3	31
32	Time Course of Symptomatic Recovery After Endoscopic Transsphenoidal Surgery for Pituitary Adenoma Apoplexy in the Modern Era. <i>World Neurosurgery</i> , 2016, 96, 434-439.	1.3	31
33	Functional Gonadotroph Adenomas. <i>Neurosurgery</i> , 2016, 79, 823-831.	1.1	29
34	Ethical clinical translation of stem cell interventions for neurologic disease. <i>Neurology</i> , 2017, 88, 322-328.	1.1	28
35	Natural Language Processing for Automated Quantification of Brain Metastases Reported in Free-Text Radiology Reports. <i>JCO Clinical Cancer Informatics</i> , 2019, 3, 1-9.	2.1	28
36	Physiological growth hormone replacement and rate of recurrence of craniopharyngioma: the Genentech National Cooperative Growth Study. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 408-412.	1.3	27

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37	Characteristics and Outcomes of Latinx Patients With COVID-19 in Comparison With Other Ethnic and Racial Groups. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa401.	0.9	26
38	The Expanding Spectrum of Disease Treated by the Transnasal, Transsphenoidal Microscopic and Endoscopic Anterior Skull Base Approach: A Single-Center Experience 2008â€“2015. <i>World Neurosurgery</i> , 2015, 84, 899-905.	1.3	24
39	Venous Thromboembolism in Patients Undergoing Craniotomy for Brain Tumors: A U.S. Nationwide Analysis. <i>Seminars in Thrombosis and Hemostasis</i> , 2016, 42, 870-876.	2.7	24
40	The Efficacy of Antibacterial Prophylaxis Against the Development of Meningitis After Craniotomy: A Meta-Analysis. <i>World Neurosurgery</i> , 2016, 90, 597-603.e1.	1.3	24
41	Concussion and Risk of Chronic Medical and Behavioral Health Comorbidities. <i>Journal of Neurotrauma</i> , 2021, 38, 1834-1841.	3.4	24
42	Statin use, hyperlipidemia, and risk of glioma. <i>European Journal of Epidemiology</i> , 2019, 34, 997-1011.	5.7	23
43	The Changing Health Care Landscape and Implications of Organizational Ethics on Modern Medical Practice. <i>World Neurosurgery</i> , 2017, 102, 420-424.	1.3	22
44	Height, waist circumference, body mass index, and body somatotype across the life course and risk of glioma. <i>Cancer Causes and Control</i> , 2018, 29, 707-719.	1.8	21
45	Time Course of Resolution of Hyperprolactinemia After Transsphenoidal Surgery Among Patients Presenting with Pituitary Stalk Compression. <i>World Neurosurgery</i> , 2017, 97, 2-7.	1.3	20
46	Defensive medicine in neurosurgery: the Canadian experience. <i>Journal of Neurosurgery</i> , 2016, 124, 1524-1530.	1.6	18
47	Ethical difficulties in the innovative surgical treatment of patients with recurrent glioblastoma multiforme. <i>Journal of Neurosurgery</i> , 2017, 126, 2045-2050.	1.6	17
48	Predictors of Stroke and Coma After Neurosurgery: An ACS-NSQIP Analysis. <i>World Neurosurgery</i> , 2016, 93, 299-305.	1.3	16
49	Adverse Events After Microvascular Decompression: A National Surgical Quality Improvement Program Analysis. <i>World Neurosurgery</i> , 2019, 128, e884-e894.	1.3	16
50	A prospective study of tea and coffee intake and risk of glioma. <i>International Journal of Cancer</i> , 2020, 146, 2442-2449.	5.1	15
51	The Epidemiology of Central Nervous System Tumors. <i>Hematology/Oncology Clinics of North America</i> , 2022, 36, 23-42.	2.2	15
52	Neurosurgical Defensive Medicine in Texas and Illinois: A Tale of 2 States. <i>World Neurosurgery</i> , 2016, 89, 112-120.	1.3	14
53	Venous Thromboembolism in Brain Tumor Patients. <i>Advances in Experimental Medicine and Biology</i> , 2016, 906, 215-228.	1.6	13
54	Optimizing pre-, intra-, and postoperative management of patients with sellar pathology undergoing transsphenoidal surgery. <i>Neurosurgical Focus</i> , 2020, 48, E2.	2.3	13

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55	Risk factors for post-operative respiratory failure among 94,621 neurosurgical patients from 2006 to 2013: a NSQIP analysis. <i>Acta Neurochirurgica</i> , 2016, 158, 1639-1645.	1.7	12
56	Venous Thromboembolism in Patients with High-Grade Glioma. <i>Seminars in Thrombosis and Hemostasis</i> , 2016, 42, 877-883.	2.7	11
57	The impact of transsphenoidal surgery on neurocognitive function: A systematic review. <i>Journal of Clinical Neuroscience</i> , 2017, 42, 1-6.	1.5	10
58	A nationwide analysis of 30-day adverse events, unplanned readmission, and length of hospital stay after peripheral nerve surgery in extremities and the brachial plexus. <i>Microsurgery</i> , 2019, 39, 115-123.	1.3	10
59	Validation of an International Classification of Disease, Ninth Revision coding algorithm to identify decompressive craniectomy for stroke. <i>BMC Neurology</i> , 2017, 17, 121.	1.8	9
60	Defining Innovation in Neurosurgery: Results from an International Survey. <i>World Neurosurgery</i> , 2018, 114, e1038-e1048.	1.3	9
61	Comorbidities and Age Are Associated With Persistent COVID-19 PCR Positivity. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 650753.	3.9	9
62	Statins and Gliomas: A Systematic Review of the Preclinical Studies and Meta-Analysis of the Clinical Literature. <i>Drugs</i> , 2022, 82, 293-310.	10.9	9
63	Do race and age vary in non-malignant central nervous system tumor incidences in the United States?. <i>Journal of Neuro-Oncology</i> , 2017, 134, 269-277.	2.9	8
64	Headache Resolution After Rathke Cleft Cyst Resection: A Meta-Analysis. <i>World Neurosurgery</i> , 2018, 111, e764-e772.	1.3	8
65	Body Habitus Across the Lifespan and Risk of Pituitary Adenoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1591-1602.	3.6	8
66	Spontaneous pituitary adenoma occurring after resection of a Rathke's cleft cyst. <i>Journal of Clinical Neuroscience</i> , 2016, 33, 247-251.	1.5	7
67	A prospective study of dietary flavonoid intake and risk of glioma in US men and women. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1314-1327.	4.7	7
68	Awake right hemisphere brain surgery. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1921-1927.	1.5	6
69	Safety of remifentanyl in transsphenoidal surgery: A single-center analysis of 540 patients. <i>Journal of Clinical Neuroscience</i> , 2017, 38, 96-99.	1.5	6
70	The extended, transnasal, transsphenoidal approach for anterior skull base meningioma: considerations in patient selection. <i>Pituitary</i> , 2017, 20, 561-568.	2.9	6
71	Surgical resection of granular cell tumor of the sellar region: three indications. <i>Pituitary</i> , 2019, 22, 633-639.	2.9	6
72	Pre-diagnostic circulating concentrations of fat-soluble vitamins and risk of glioma in three cohort studies. <i>Scientific Reports</i> , 2021, 11, 9318.	3.3	6

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73	A prospective study of inflammatory biomarkers and growth factors and risk of glioma in the UK Biobank. <i>Cancer Epidemiology</i> , 2021, 75, 102043.	1.9	6
74	Bolstering the Nasoseptal Flap Using Sphenoid Sinus Fat Packing: A Technical Case Report. <i>World Neurosurgery</i> , 2017, 99, 813.e1-813.e5.	1.3	5
75	Oversight and Ethical Regulation of Conflicts of Interest in Neurosurgery in the United States. <i>Neurosurgery</i> , 2019, 84, 305-312.	1.1	5
76	Alcohol intake and risk of glioma: results from three prospective cohort studies. <i>European Journal of Epidemiology</i> , 2021, 36, 965-974.	5.7	5
77	Morbidity after traumatic spinal injury in pediatric and adolescent sports-related trauma. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 642-648.	1.7	5
78	A prospective study of pre-diagnostic circulating tryptophan and kynurenine, and the kynurenine/tryptophan ratio and risk of glioma. <i>Cancer Epidemiology</i> , 2022, 76, 102075.	1.9	5
79	Pesticide Residue Intake From Fruit and Vegetable Consumption and Risk of Glioma. <i>American Journal of Epidemiology</i> , 2022, 191, 825-833.	3.4	5
80	Preoperative Stratification of Transsphenoidal Pituitary Surgery Patients Based on Surgical Urgency. <i>Neurosurgery</i> , 2017, 81, 659-664.	1.1	4
81	Root cause analysis of diagnostic and surgical failures in the treatment of suspected Cushing's disease. <i>Journal of Clinical Neuroscience</i> , 2018, 53, 153-159.	1.5	4
82	Circulating lipids and glioma risk: results from the UK Biobank, Nurses' Health Study, and Health Professionals Follow-Up Study. <i>Cancer Causes and Control</i> , 2021, 32, 347-355.	1.8	4
83	Post-operative Streptococcus pneumoniae meningitis complicating surgery for acromegaly in an identical twin. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1041-1044.	1.5	3
84	Association between urbanicity and surgical treatment among patients with primary glioblastoma in the United States. <i>Neuro-Oncology Practice</i> , 2020, 7, 299-305.	1.6	3
85	Adult sports-related traumatic spinal injuries: do different activities predispose to certain injuries?. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-7.	1.7	3
86	Oral Contraceptive and Menopausal Hormone Therapy Use and Risk of Pituitary Adenoma: Cohort and Case-Control Analyses. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e1402-e1412.	3.6	3
87	Current imaging techniques for the diagnosis of pituitary adenoma. <i>Expert Review of Endocrinology and Metabolism</i> , 2016, 11, 163-170.	2.4	2
88	Prospective study of sleep duration and glioma risk. <i>Cancer Causes and Control</i> , 2021, 32, 1039-1042.	1.8	2
89	Comparison of Physiologic Growth Hormone Replacement Therapy to No Replacement on Craniopharyngioma Recurrence in Pediatric Patients. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, S1-S156.	0.8	2
90	Alcohol intake and risk of pituitary adenoma. <i>Cancer Causes and Control</i> , 2022, 33, 353-361.	1.8	2

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91	Association between socioeconomic status and presenting characteristics and extent of disease in patients with surgically resected nonfunctioning pituitary adenoma. <i>Journal of Neurosurgery</i> , 2022, , 1-8.	1.6	2
92	Epidemiology and Etiology of Glioblastoma. <i>Molecular Pathology Library</i> , 2021, , 3-19.	0.1	1
93	Comparison of Gross Tumor Resection Rate between Endoscopic Transsphenoidal Surgery versus Microscopic Transsphenoidal Surgery for Patients with Pituitary Adenomas: A Meta-Analysis. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, S1-S156.	0.8	1
94	Commentary: Hybrid Robotics for Endoscopic Transnasal Skull Base Surgery: Single-Centre Case Series. <i>Operative Neurosurgery</i> , 2021, 21, E471.	0.8	1
95	Cyst Type Differentiates Rathke Cleft Cysts From Cystic Pituitary Adenomas. <i>Frontiers in Oncology</i> , 2021, 11, 778824.	2.8	1
96	EPID-22. RACIAL AND ETHNIC DIFFERENCES IN ADULT GLIOMA INCIDENCE AND SURVIVAL IN THE UNITED STATES. <i>Neuro-Oncology</i> , 2018, 20, vi84-vi84.	1.2	0
97	EPID-04. ASSOCIATION BETWEEN URBANICITY AND SURGICAL TREATMENT AMONG PATIENTS WITH PRIMARY GLIOBLASTOMA IN THE UNITED STATES. <i>Neuro-Oncology</i> , 2019, 21, vi75-vi75.	1.2	0
98	Predictors of thoracic and lumbar spine injuries in patients with TBI: A nationwide analysis. <i>Injury</i> , 2021, , .	1.7	0
99	Extended, Endoscopic, Transsphenoidal Surgery for Resection of Anterior Skull Base Meningioma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, S1-S156.	0.8	0
100	The Impact of Transsphenoidal Surgery on Neurocognitive Function: A Systematic Review. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, S1-S156.	0.8	0
101	Depression and survival of glioma patients: A systematic review and meta-analysis.. <i>Journal of Clinical Oncology</i> , 2018, 36, 2025-2025.	1.6	0
102	Response to Letter to the Editor. <i>Cancer Epidemiology</i> , 2022, 78, 102126.	1.9	0