

Thomas Santarius

List of Publications by Year in descending order

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Version: 2024-02-01

119
papers

6,004
citations

109137

35
h-index

76769

74
g-index

120
all docs

120
docs citations

120
times ranked

9245
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of somatically acquired rearrangements in cancer using genome-wide massively parallel paired-end sequencing. <i>Nature Genetics</i> , 2008, 40, 722-729.	9.4	736
2	Use of drains versus no drains after burr-hole evacuation of chronic subdural haematoma: a randomised controlled trial. <i>Lancet</i> , The, 2009, 374, 1067-1073.	6.3	564
3	A census of amplified and overexpressed human cancer genes. <i>Nature Reviews Cancer</i> , 2010, 10, 59-64.	12.8	480
4	Mutation analysis of 24 known cancer genes in the NCI-60 cell line set. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 2606-2612.	1.9	374
5	Chronic subdural haematoma: modern management and emerging therapies. <i>Nature Reviews Neurology</i> , 2014, 10, 570-578.	4.9	302
6	Secretory meningiomas are defined by combined KLF4 K409Q and TRAF7 mutations. <i>Acta Neuropathologica</i> , 2013, 125, 351-358.	3.9	208
7	DNA methylation profiling to predict recurrence risk in meningioma: development and validation of a nomogram to optimize clinical management. <i>Neuro-Oncology</i> , 2019, 21, 901-910.	0.6	184
8	PICNIC: an algorithm to predict absolute allelic copy number variation with microarray cancer data. <i>Biostatistics</i> , 2010, 11, 164-175.	0.9	182
9	Architectures of somatic genomic rearrangement in human cancer amplicons at sequence-level resolution. <i>Genome Research</i> , 2007, 17, 1296-1303.	2.4	180
10	EANO guidelines for the diagnosis and treatment of ependymal tumors. <i>Neuro-Oncology</i> , 2018, 20, 445-456.	0.6	173
11	Trial of Dexamethasone for Chronic Subdural Hematoma. <i>New England Journal of Medicine</i> , 2020, 383, 2616-2627.	13.9	139
12	The management of primary chronic subdural haematoma: a questionnaire survey of practice in the United Kingdom and the Republic of Ireland. <i>British Journal of Neurosurgery</i> , 2008, 22, 529-534.	0.4	126
13	A map of transcriptional heterogeneity and regulatory variation in human microglia. <i>Nature Genetics</i> , 2021, 53, 861-868.	9.4	115
14	Advances in multidisciplinary therapy for meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i18-i31.	0.6	102
15	Imaging and diagnostic advances for intracranial meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i44-i61.	0.6	100
16	Imidazopurinones are markers of physiological genomic damage linked to DNA instability and glyoxalase 1-associated tumour multidrug resistance. <i>Nucleic Acids Research</i> , 2010, 38, 5432-5442.	6.5	98
17	GLO1: A novel amplified gene in human cancer. <i>Genes Chromosomes and Cancer</i> , 2010, 49, 711-725.	1.5	95
18	Molecular and translational advances in meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i4-i17.	0.6	92

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19	Predicting the "usefulness" of 5-ALA-derived tumor fluorescence for fluorescence-guided resections in pediatric brain tumors: a European survey. <i>Acta Neurochirurgica</i> , 2014, 156, 2315-2324.	0.9	87
20	Processed pseudogenes acquired somatically during cancer development. <i>Nature Communications</i> , 2014, 5, 3644.	5.8	86
21	Survey on current cognitive practices within the European Low-Grade Glioma Network: towards a European assessment protocol. <i>Acta Neurochirurgica</i> , 2017, 159, 1167-1178.	0.9	80
22	Radiotherapy as an adjuvant in the management of intracranial meningiomas: are we practising evidence-based medicine?. <i>British Journal of Neurosurgery</i> , 2008, 22, 520-528.	0.4	78
23	Working toward rational and evidence-based treatment of chronic subdural hematoma. <i>Clinical Neurosurgery</i> , 2010, 57, 112-22.	0.2	75
24	The Role of External Drains and Peritoneal Conduits in the Treatment of Recurrent Chronic Subdural Hematoma. <i>World Neurosurgery</i> , 2010, 73, 747-750.	0.7	59
25	Life after surgical resection of a meningioma: a prospective cross-sectional study evaluating health-related quality of life. <i>Neuro-Oncology</i> , 2019, 21, i32-i43.	0.6	56
26	Twist-drill craniostomy with hollow screws for evacuation of chronic subdural hematoma. <i>Journal of Neurosurgery</i> , 2014, 121, 176-183.	0.9	49
27	An integrated genomic analysis of anaplastic meningioma identifies prognostic molecular signatures. <i>Scientific Reports</i> , 2018, 8, 13537.	1.6	49
28	Primary decompressive craniectomy for acute subdural haematomas: results of an international survey. <i>Acta Neurochirurgica</i> , 2012, 154, 1563-1565.	0.9	48
29	Role of surgery, radiotherapy and chemotherapy in papillary tumors of the pineal region: a multicenter study. <i>Journal of Neuro-Oncology</i> , 2013, 112, 223-231.	1.4	48
30	How I do it" pineal surgery: supracerebellar infratentorial versus occipital transtentorial. <i>Acta Neurochirurgica</i> , 2013, 155, 463-467.	0.9	46
31	Loss of H3K27me3 in meningiomas. <i>Neuro-Oncology</i> , 2021, 23, 1282-1291.	0.6	45
32	Improved long-term survival with subdural drains following evacuation of chronic subdural haematoma. <i>Acta Neurochirurgica</i> , 2017, 159, 903-905.	0.9	43
33	Predictors of early progression of surgically treated atypical meningiomas. <i>Acta Neurochirurgica</i> , 2018, 160, 1813-1822.	0.9	42
34	Volumetric growth rates of meningioma and its correlation with histological diagnosis and clinical outcome: a systematic review. <i>Acta Neurochirurgica</i> , 2017, 159, 435-445.	0.9	40
35	Core Outcomes and Common Data Elements in Chronic Subdural Hematoma: A Systematic Review of the Literature Focusing on Reported Outcomes. <i>Journal of Neurotrauma</i> , 2016, 33, 1212-1219.	1.7	39
36	Effectiveness of Cadaveric Simulation in Neurosurgical Training: A Review of the Literature. <i>World Neurosurgery</i> , 2018, 118, 88-96.	0.7	37

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37	Image-guided resection of sphenoidal skull-base meningiomas with predominant intraosseous component. <i>Acta Neurochirurgica</i> , 2013, 155, 981-988.	0.9	36
38	The Effect of 3-Dimensional Simulation on Neurosurgical Skill Acquisition and Surgical Performance: A Review of the Literature. <i>Journal of Surgical Education</i> , 2017, 74, 828-836.	1.2	29
39	Core Outcomes and Common Data Elements in Chronic Subdural Hematoma: A Systematic Review of the Literature Focusing on Baseline and Peri-Operative Care Data Elements. <i>Journal of Neurotrauma</i> , 2016, 33, 1569-1575.	1.7	28
40	Causes of neurological deficits following clipping of 200 consecutive ruptured aneurysms in patients with good-grade aneurysmal subarachnoid haemorrhage. <i>Acta Neurochirurgica</i> , 2011, 153, 295-303.	0.9	26
41	Reporting of patient-reported health-related quality of life in adults with diffuse low-grade glioma: a systematic review. <i>Neuro-Oncology</i> , 2016, 18, now107.	0.6	26
42	Imaging practice in low-grade gliomas among European specialized centers and proposal for a minimum core of imaging. <i>Journal of Neuro-Oncology</i> , 2018, 139, 699-711.	1.4	26
43	Outcomes of Subdural Versus Subperiosteal Drain After Burr-Hole Evacuation of Chronic Subdural Hematoma: A Multicenter Cohort Study. <i>World Neurosurgery</i> , 2019, 131, e392-e401.	0.7	26
44	Base resolution maps reveal the importance of 5-hydroxymethylcytosine in a human glioblastoma. <i>Npj Genomic Medicine</i> , 2017, 2, 6.	1.7	22
45	Local alkylating chemotherapy applied immediately after 5-ALA guided resection of glioblastoma does not provide additional benefit. <i>Journal of Neuro-Oncology</i> , 2018, 136, 273-280.	1.4	22
46	A safe approach to surgery for pituitary and skull base lesions during the COVID-19 pandemic. <i>Acta Neurochirurgica</i> , 2020, 162, 1509-1511.	0.9	22
47	Papillary tumour of the pineal region. <i>British Journal of Neurosurgery</i> , 2008, 22, 116-120.	0.4	21
48	PET-guided repeat transsphenoidal surgery for previously deemed unresectable lateral disease in acromegaly. <i>Neurosurgical Focus</i> , 2020, 48, E8.	1.0	19
49	Atypical meningioma—“is it time to standardize surgical sampling techniques?”. <i>Neuro-Oncology</i> , 2016, 19, now245.	0.6	18
50	Correlation of volumetric growth and histological grade in 50 meningiomas. <i>Acta Neurochirurgica</i> , 2017, 159, 2169-2177.	0.9	18
51	PiggyBac mutagenesis and exome sequencing identify genetic driver landscapes and potential therapeutic targets of EGFR-mutant gliomas. <i>Genome Biology</i> , 2020, 21, 181.	3.8	18
52	Intraoperative mapping of executive function using electrocorticography for patients with low-grade gliomas. <i>Acta Neurochirurgica</i> , 2021, 163, 1299-1309.	0.9	18
53	Giant intracranial hemangioma in a neonate. <i>Acta Neurochirurgica</i> , 2014, 156, 1151-1154.	0.9	17
54	Concomitant Primary CNS Lymphoma and FSH-Pituitary Adenoma Arising Within the Sella. Entirely Coincidental?. <i>Neurosurgery</i> , 2017, 80, E170-E175.	0.6	16

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55	Methodological shortcomings in the literature evaluating the role and applications of 3D training for surgical trainees. <i>Medical Teacher</i> , 2017, 39, 1168-1173.	1.0	16
56	Management of pineal and colloid cysts. <i>Practical Neurology</i> , 2021, 21, 292-299.	0.5	15
57	Isolated hypoglossal schwannoma in a 9-year-old child. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 10, 130-133.	0.8	14
58	Ophthalmological outcome after resection of tumors based on the pineal gland. <i>Journal of Neurosurgery</i> , 2013, 119, 420-426.	0.9	14
59	Muscle and nerve biopsy for the neurosurgical trainee. <i>British Journal of Neurosurgery</i> , 2013, 27, 727-734.	0.4	13
60	Practical Application of Networks in Neurosurgery: Combined 3-Dimensional Printing, Neuronavigation, and Preoperative Surgical Planning. <i>World Neurosurgery</i> , 2020, 137, e126-e137.	0.7	13
61	Stereoscopic Three-Dimensional Neuroanatomy Lectures Enhance Neurosurgical Training: Prospective Comparison with Traditional Teaching. <i>World Neurosurgery</i> , 2017, 108, 917-923.e5.	0.7	12
62	Malignant meningiomas. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 170, 245-250.	1.0	12
63	Delayed neurological deficit following resection of tuberculum sellae meningioma: report of two cases, one with permanent and one with reversible visual impairment. <i>Acta Neurochirurgica</i> , 2014, 156, 1099-1102.	0.9	11
64	Response to BRAF and MEK1/2 inhibition in a young adult with BRAF V600E mutant epithelioid glioblastoma multiforme: A Case Report and Literature Review. <i>Current Problems in Cancer</i> , 2021, 45, 100701.	1.0	10
65	Surgical treatment of symptomatic pineal cysts without hydrocephalus – meta-analysis of the published literature. <i>Acta Neurochirurgica</i> , 2022, 164, 61-77.	0.9	10
66	A systematic review and meta-analysis of the association between cyproterone acetate and intracranial meningiomas. <i>Scientific Reports</i> , 2022, 12, 1942.	1.6	10
67	Germinoma of the medulla oblongata – A case report. <i>British Journal of Neurosurgery</i> , 2016, 30, 348-350.	0.4	9
68	Surgical management of chronic subdural hematomas: in need of better evidence. <i>Acta Neurochirurgica</i> , 2013, 155, 183-184.	0.9	8
69	Results of Transcranial Resection of Olfactory Groove Meningiomas in Relation to Imaging-Based Case Selection Criteria for the Endoscopic Approach. <i>Operative Neurosurgery</i> , 2019, 16, 539-548.	0.4	8
70	CSF Rhinorrhea After Endonasal Intervention to the Skull Base (CRANIAL) – Part 2: Impact of COVID-19. <i>World Neurosurgery</i> , 2021, 149, e1090-e1097.	0.7	8
71	BOLD Coupling between Lesioned and Healthy Brain Is Associated with Glioma Patients' Recovery. <i>Cancers</i> , 2021, 13, 5008.	1.7	8
72	Diffuse cerebral vasospasm following resection of a hypoglossal schwannoma in a child. <i>British Journal of Neurosurgery</i> , 2014, 28, 541-543.	0.4	7

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73	Quality improvement of neuro-oncology services: integrating the routine collection of patient-reported, health-related quality-of-life measures. <i>Neuro-Oncology Practice</i> , 2019, 6, 226-236.	1.0	7
74	A survey of teaching undergraduate neuroanatomy in the United Kingdom and Ireland. <i>British Journal of Neurosurgery</i> , 2022, 36, 52-57.	0.4	7
75	Cerebral Metastasis of a Malignant Pleural Mesothelioma: A Case Report and Review of the Literature. <i>Cureus</i> , 2015, 7, e241.	0.2	7
76	Consensus core clinical data elements for meningiomas (v2021.1). <i>Neuro-Oncology</i> , 2022, 24, 683-693.	0.6	7
77	Development of "Core Outcome Sets"™ for Meningioma in Clinical Studies (The COSMIC Project): protocol for two systematic literature reviews, eDelphi surveys and online consensus meetings. <i>BMJ Open</i> , 2022, 12, e057384.	0.8	7
78	Sporadic malignant nerve sheath tumour of the oculomotor nerve. <i>Acta Neurochirurgica</i> , 2007, 149, 617-622.	0.9	6
79	Clinical Experience and Results of Microsurgical Resection of Arteriovenous Malformation in the Presence of Space-Occupying Intracerebral Hematoma. <i>Neurosurgery</i> , 2017, 81, 75-86.	0.6	6
80	Connections, Tracts, Fractals, and the Rest: A Working Guide to Network and Connectivity Studies in Neurosurgery. <i>World Neurosurgery</i> , 2020, 140, 389-400.	0.7	6
81	Impact of time to resumption of antithrombotic therapy on outcomes after surgical evacuation of chronic subdural hematoma: A multicenter cohort study. <i>Journal of Clinical Neuroscience</i> , 2021, 89, 389-396.	0.8	6
82	Memory recovery in relation to default mode network impairment and neurite density during brain tumor treatment. <i>Journal of Neurosurgery</i> , 2022, 136, 358-368.	0.9	6
83	External validation and recalibration of an incidental meningioma prognostic model "IMPACT: protocol for an international multicentre retrospective cohort study. <i>BMJ Open</i> , 2022, 12, e052705.	0.8	6
84	Alternative cost-effective method to record 3D intra-operative images: A technical note. <i>British Journal of Neurosurgery</i> , 2014, 28, 819-820.	0.4	5
85	No 5-ALA fluorescence seen in a recurrent papillary tumour of the pineal region (PTPR). <i>Acta Neurochirurgica</i> , 2015, 157, 215-216.	0.9	5
86	Development of a prognostic scoring system to predict risk of reoperation for contralateral hematoma growth after unilateral evacuation of bilateral chronic subdural hematoma. <i>Journal of Clinical Neuroscience</i> , 2020, 78, 79-85.	0.8	5
87	Opportunities and challenges for the development of "core outcome sets" in neuro-oncology. <i>Neuro-Oncology</i> , 2022, 24, 1048-1055.	0.6	5
88	Transient perioperative brainstem paralysis secondary to a local anesthetic. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 10, 60-61.	0.8	4
89	Community consultation in emergency neurosurgical research: lessons from a proposed trial for patients with chronic subdural haematomas. <i>British Journal of Neurosurgery</i> , 2013, 27, 590-594.	0.4	4
90	Utilization of volumetric magnetic resonance imaging for baseline and surveillance imaging in Neuro-oncology. <i>British Journal of Radiology</i> , 2019, 92, 20190059.	1.0	4

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91	Time to surgery following chronic subdural hematoma: post hoc analysis of a prospective cohort study. <i>BMJ Surgery, Interventions, and Health Technologies</i> , 2019, 1, e000012.	0.6	4
92	Carotid-Artery Thrombosis Secondary to Basal Skull Fracture. <i>New England Journal of Medicine</i> , 2003, 349, e5.	13.9	3
93	Microsurgical Resection of a Common Peroneal Nerve Schwannoma: A 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 14, 83-83.	0.4	3
94	An Evaluation of the Tolerability and Feasibility of Combining 5-Amino-Levulinic Acid (5-ALA) with BCNU Wafers in the Surgical Management of Primary Glioblastoma. <i>Cancers</i> , 2021, 13, 3241.	1.7	3
95	Surgical Management of Chronic Subdural Hematoma in Adults. , 2012, , 1573-1578.		2
96	Chronic subdural haematoma: disseminating and implementing best practice. <i>Acta Neurochirurgica</i> , 2017, 159, 625-626.	0.9	2
97	Infratentorial Supracerebellar Approach for Resection of Midbrain Cavernous Malformation: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 18, E44-E44.	0.4	2
98	Clinical studies of incidental intracranial meningiomasâ€”towards high-quality evidence-based practice. <i>Acta Neurochirurgica</i> , 2020, 162, 673-674.	0.9	2
99	Letter to the Editor. Copenhagen grading of meningioma. <i>Journal of Neurosurgery</i> , 2022, 136, 1506-1508.	0.9	2
100	Far Lateral Approaches: C1 Meningioma With Vertebral Artery Involvement: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2022, 22, e48-e48.	0.4	2
101	The management of primary chronic subdural haematoma: a questionnaire survey of practice in the United Kingdom and the Republic of Ireland. <i>British Journal of Neurosurgery</i> , 2009, 23, 222-222.	0.4	1
102	Development of an Integrated Subspecialist Multidisciplinary Neuro-oncology Service. <i>BMJ Quality Improvement Reports</i> , 2013, 2, u201857.w981.	0.8	1
103	A quest towards personalised medicine for grade II meningiomasâ€”will need to zoom in. <i>Acta Neurochirurgica</i> , 2016, 158, 931-932.	0.9	1
104	Radical, Staged Approach to Extensive Posterior Fossa Pediatric Ependymoma: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 14, 705-705.	0.4	1
105	Microsurgical Clipping of an Ophthalmic Artery Aneurysm With a Limited Intradural Anterior Clinoidectomy: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 15, 604-604.	0.4	1
106	MNGI-07. THE ANAPLASTIC MENINGIOMA INTERNATIONAL CONSORTIUM (AMICo) RETROSPECTIVE STUDY OF TREATMENT AND OUTCOME OF PATIENTS WITH ANAPLASTIC MENINGIOMAS. <i>Neuro-Oncology</i> , 2018, 20, vi149-vi149.	0.6	1
107	Awake Craniotomy for Resection of Left Temporal Cavernoma: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 17, E102-E102.	0.4	1
108	Anterolateral Approach for Central Thoracic Disc Prolapseâ€”Surgical Strategies Used to Tackle Differing Operative Findings: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 16, E5-E6.	0.4	1

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109	Surgical Resection of an Arteriovenous Malformation of the Orbital Surface of the Frontal Lobe with Olfactory Tract Preservation: 2-Dimensional Operative Video. <i>World Neurosurgery</i> , 2021, 158, 156-156.	0.7	1
110	Intracranial gossypiboma 9 years after intracranial pressure bolt insertion: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2022, 3, .	0.1	1
111	Far Lateral Approaches: Far Lateral Approach With Minimal Condylectomy for C2 Schwannoma: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2022, 22, e49-e49.	0.4	1
112	GENE-13. AN INTEGRATED GENOMIC ANALYSIS OF ANAPLASTIC MENINGIOMA IDENTIFIES PROGNOSTIC MOLECULAR SIGNATURES. <i>Neuro-Oncology</i> , 2017, 19, vi95-vi95.	0.6	0
113	Type I Spinal Dural Fistula Treated Using a Minimally Invasive Approach With a 20-mm Nonexpandable Tubular Retractor: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 15, E52-E52.	0.4	0
114	Intradural Spinal Arteriovenous Malformation of the Conus Medullaris Management Strategies and Surgical Nuances: 3-Dimensional Video. <i>Operative Neurosurgery</i> , 2018, 14, 592-592.	0.4	0
115	Exophytic Brainstem Cavernoma in the Floor of the Fourth Ventricle Midline Suboccipital Approach: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 17, E109-E109.	0.4	0
116	Introduction. Innovations in neurosurgical quality and safety. <i>Neurosurgical Focus</i> , 2021, 51, E1.	1.0	0
117	Low Grade Tumor Recurrence and Management of More Aggressive Meningiomas. , 2020, , 147-159.		0
118	Paraganglioma of cauda equina. <i>Neurologia I Neurochirurgia Polska</i> , 2008, 42, 463-6.	0.6	0
119	Far Lateral Approaches: Dural Arteriovenous Fistulae at the Hypoglossal Canal: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2022, 22, e50-e50.	0.4	0