

# Antonio Santoro

## List of Publications by Year in descending order

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93  
papers

2,623  
citations

186265

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docs citations

94  
times ranked

3573  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intensive Insulin Therapy After Severe Traumatic Brain Injury: A Randomized Clinical Trial. <i>Neurocritical Care</i> , 2008, 9, 159-166.	2.4	186
2	The long-term efficacy of conventional radiotherapy in patients with GH-secreting pituitary adenomas. <i>Clinical Endocrinology</i> , 2005, 62, 210-216.	2.4	126
3	Cavernous angiomas of the brain stem. <i>World Neurosurgery</i> , 1999, 52, 84-94.	1.3	115
4	Intracranial Hemangiopericytoma—Our Experience in 30 Years: A Series of 43 Cases and Review of the Literature. <i>World Neurosurgery</i> , 2014, 81, 556-562.	1.3	104
5	Pro-inflammatory gene expression in solid glioblastoma microenvironment and in hypoxic stem cells from human glioblastoma. <i>Journal of Neuroinflammation</i> , 2011, 8, 32.	7.2	102
6	CXCL12-induced glioblastoma cell migration requires intermediate conductance Ca <sup>2+</sup> -activated K <sup>+</sup> channel activity. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C175-C184.	4.6	93
7	Diagnosis and management of pituitary tumours in the elderly: a review based on personal experience and evidence of literature. <i>European Journal of Endocrinology</i> , 2005, 153, 723-735.	3.7	84
8	Nano-mechanical signature of brain tumours. <i>Nanoscale</i> , 2016, 8, 19629-19643.	5.6	75
9	Marked improvement in cardiovascular function after successful transsphenoidal surgery in acromegalic patients. <i>Clinical Endocrinology</i> , 2001, 55, 307-313.	2.4	72
10	SURGICAL TREATMENT OF GIANT INTRACRANIAL ANEURYSMS. <i>Operative Neurosurgery</i> , 2008, 63, 279-290.	0.8	71
11	CXCL16/CXCR6 Axis Drives Microglia/Macrophages Phenotype in Physiological Conditions and Plays a Crucial Role in Glioma. <i>Frontiers in Immunology</i> , 2018, 9, 2750.	4.8	71
12	Intramedullary spinal cord cavernous malformations: report of ten new cases. <i>Neurosurgical Review</i> , 2004, 27, 93-98.	2.4	66
13	Intrameningioma metastasis as first clinical manifestation of occult primary breast carcinoma. <i>Neurosurgical Review</i> , 2006, 29, 49-54.	2.4	65
14	Impact of successful transsphenoidal surgery on cardiovascular risk factors in acromegaly. <i>European Journal of Endocrinology</i> , 2003, 148, 193-201.	3.7	64
15	Long-term surgical results with aneurysms involving the ophthalmic segment of the carotid artery. <i>Journal of Neurosurgery</i> , 2008, 108, 1200-1210.	1.6	61
16	Solitary fibrous tumors of the meninges. <i>Neurosurgical Review</i> , 2004, 27, 246-51.	2.4	57
17	Cerebral astroblastoma: analysis of six cases and critical review of treatment options. <i>Journal of Neuro-Oncology</i> , 2009, 93, 369-378.	2.9	56
18	Frameless Stereotactic Cerebral Biopsy: Our Experience in 296 Cases. <i>Stereotactic and Functional Neurosurgery</i> , 2011, 89, 234-245.	1.5	49

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19	Extent of tumor removal and molecular markers in cerebral glioblastoma: a combined prognostic factors study in a surgical series of 105 patients. <i>Journal of Neurosurgery</i> , 2012, 117, 204-211.	1.6	48
20	A fully-automated neural network analysis of AFM force-distance curves for cancer tissue diagnosis. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	47
21	CAVERNOUS SINUS MENINGIOMAS. <i>Neurosurgery</i> , 2009, 64, 1090-1101.	1.1	46
22	Cerebral glioblastoma with oligodendroglial component: analysis of 36 cases. <i>Journal of Neuro-Oncology</i> , 2009, 94, 129-134.	2.9	45
23	KCa3.1 channel inhibition sensitizes malignant gliomas to temozolomide treatment. <i>Oncotarget</i> , 2016, 7, 30781-30796.	1.8	44
24	Tumors of the lateral ventricles. <i>Neurosurgical Review</i> , 1991, 14, 127-133.	2.4	41
25	Giant prolactinomas presenting as skull base tumors. <i>World Neurosurgery</i> , 2002, 57, 99-103.	1.3	38
26	Blister-like Aneurysms in Atypical Locations: A Single-Center Experience and Comprehensive Literature Review. <i>World Neurosurgery</i> , 2015, 84, 1070-1079.	1.3	34
27	Autophagy induction impairs Wnt/ $\beta$ -catenin signalling through $\beta$ -catenin relocalisation in glioblastoma cells. <i>Cellular Signalling</i> , 2019, 53, 357-364.	3.6	33
28	Surgery of Intradural Extramedullary Tumors. <i>Neurosurgery</i> , 2014, 75, 509-514.	1.1	30
29	Biochemical remission and recurrence rate of secreting pituitary adenomas after transsphenoidal adenectomy: long-term endocrinologic follow-up results. <i>World Neurosurgery</i> , 2007, 68, 513-518.	1.3	29
30	Functional Cross Talk between CXCR4 and PDGFR on Glioblastoma Cells Is Essential for Migration. <i>PLoS ONE</i> , 2013, 8, e73426.	2.5	29
31	Spontaneous Occlusion of Supraclinoid Aneurysms after the Creation of Extra-Intracranial Bypasses Using Long Grafts: Report of Two Cases. <i>Neurosurgery</i> , 1999, 44, 216-219.	1.1	28
32	Extradural spinal cavernous angiomas: report of seven cases. <i>Neurosurgical Review</i> , 2005, 28, 313-319.	2.4	28
33	Bypass combined with embolization via a venous graft in a patient with a giant aneurysm in the posterior communicating artery and bilateral idiopathic occlusion of the internal carotid artery in the neck. <i>Journal of Neurosurgery</i> , 2002, 96, 135-139.	1.6	27
34	Neurosurgical Applications of the 2- $\mu$ m Thulium Laser: Histological Evaluation of Meningiomas in Comparison to Bipolar Forceps and an Ultrasonic Aspirator. <i>Photomedicine and Laser Surgery</i> , 2012, 30, 286-292.	2.0	27
35	Surgical treatment of pial cerebellar arteriovenous fistulas with aneurysm of the main feeding artery. <i>World Neurosurgery</i> , 2006, 65, 90-94.	1.3	25
36	Intraductal cavernous angioma of the spinal cord in a pediatric patient, with multiple cavernomas, familial occurrence and partial spontaneous regression: case report and review of the literature. <i>Child's Nervous System</i> , 2007, 23, 1319-1326.	1.1	24

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37	Visual improvement during octreotide therapy in a case of epissellar meningioma. <i>Clinical Neurology and Neurosurgery</i> , 1998, 100, 40-43.	1.4	22
38	Pleomorphic xanthoastrocytoma: some observations. <i>Neurosurgical Review</i> , 1996, 19, 13-16.	2.4	20
39	Long Term Survival in Patients Suffering from Glioblastoma Multiforme: A Single-Center Observational Cohort Study. <i>Diagnostics</i> , 2019, 9, 209.	2.6	20
40	Klippel-Trenaunay-Weber syndrome and intramedullary cervical cavernoma: a very rare association. Case report. <i>World Neurosurgery</i> , 2006, 66, 203-206.	1.3	19
41	Spontaneous regression of a thoracic calcified disc herniation in a young female: A case report and literature review. <i>Clinical Neurology and Neurosurgery</i> , 2012, 114, 779-781.	1.4	19
42	Diffuse Axonal Injury: Clinical Prognostic Factors, Molecular Experimental Models and the Impact of the Trauma Related Oxidative Stress. An Extensive Review Concerning Milestones and Advances. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10865.	4.1	19
43	Single brain metastases from melanoma: remarks on a series of 84 patients. <i>Neurosurgical Review</i> , 2012, 35, 211-218.	2.4	18
44	Diagnostic work up for language testing in patients undergoing awake craniotomy for brain lesions in language areas. <i>British Journal of Neurosurgery</i> , 2014, 28, 363-367.	0.8	17
45	Radiation Increases Functional KCa3.1 Expression and Invasiveness in Glioblastoma. <i>Cancers</i> , 2019, 11, 279.	3.7	17
46	Magnetic resonance diffusion tensor imaging and fiber-tracking diffusion tensor tractography in the management of spinal astrocytomas. <i>World Journal of Clinical Cases</i> , 2016, 4, 1.	0.8	17
47	Assessment of the utility of the 2â€thulium laser in surgical removal of intracranial meningiomas. <i>Lasers in Surgery and Medicine</i> , 2013, 45, 148-154.	2.1	16
48	Static and dynamic cervical MRI: two useful exams in cervical myelopathy. <i>Journal of Spine Surgery</i> , 2017, 3, 212-216.	1.2	16
49	Intracranial Extra-axial Cavernous Angioma of the Cerebellar Falx. <i>World Neurosurgery</i> , 2010, 74, 501-504.	1.3	15
50	Endoscopic interlaminar approach for intracanal <sc>L</sc>5â€S</sc>1 disc herniation: Classification of disc prolapse in relation to learning curve and surgical outcome. <i>Asian Journal of Endoscopic Surgery</i> , 2015, 8, 445-453.	0.9	15
51	The Role and Real Effect of an Iterative Surgical Approach for the Management of Recurrent High-Grade Glioma: An Observational Analytic Cohort Study. <i>World Neurosurgery</i> , 2019, 124, e480-e488.	1.3	15
52	Tension Pneumocephalus after CSF Shunting Procedures. <i>British Journal of Neurosurgery</i> , 1988, 2, 269-272.	0.8	14
53	Cervical Posttraumatic Unilateral Locked Facets. <i>Clinical Spine Surgery</i> , 2016, 29, 261-265.	1.3	14
54	Histoneâ€deacetylase 8 drives the immune response and the growth of glioma. <i>Glia</i> , 2021, 69, 2682-2698.	4.9	14

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55	Aesthetic issues in neurosurgery: a protocol to improve cosmetic outcome in cranial surgery. <i>Neurosurgical Review</i> , 2006, 30, 69-77.	2.4	13
56	Cervical reconstruction techniques. After adequate selection of the patient report of a series of 34 patients treated with winged expandable cages. <i>Neurosurgical Review</i> , 2017, 40, 281-286.	2.4	12
57	Intracranial dural histiocytosis. <i>British Journal of Neurosurgery</i> , 2009, 23, 449-454.	0.8	11
58	Radiation-Induced Brain Aneurysms: Institutional Experience and State of the Art in the Contemporary Literature. <i>World Neurosurgery</i> , 2020, 135, 339-351.	1.3	10
59	Purely Meningeal Intracranial Relapse of Melanoma Brain Metastases After Surgical Resection and Immunotherapy as a Unique Disease Progression Pattern: Our Experience and Review of the Literature. <i>World Neurosurgery</i> , 2020, 134, 150-154.	1.3	9
60	Chordoid meningioma: a retrospective series of seven consecutive cases. <i>Neurological Sciences</i> , 2013, 34, 1985-1989.	1.9	8
61	Relevancy of positive trends in mortality and functional recovery after surgical treatment of acute subdural hematomas. Our 10-year experience. <i>British Journal of Neurosurgery</i> , 2017, 31, 78-83.	0.8	8
62	Atypical Manifestation of Direct Low-Flow Carotid-Cavernous Fistula: Case Report and Review of the Literature. <i>World Neurosurgery</i> , 2019, 125, 456-460.	1.3	8
63	Anterior Cranial Fossa Traumas: Clinical Value, Surgical Indications, and Resultsâ€”A Retrospective Study on a Series of 223 Patients. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2012, 73, 265-272.	0.8	7
64	Italian Consensus in Neuroradiological Anesthesia (ICONA). <i>Minerva Anestesiologica</i> , 2017, 83, 956-971.	1.0	7
65	A case of cervical tuberculosis with severe kyphosis treated with a winged expandable cage after double corpectomy. <i>Journal of Spine Surgery</i> , 2017, 3, 304-308.	1.2	7
66	Preparation of Nasoseptal Flap in Trans-Sphenoidal Surgery Using 2-1/4 Thulium Laser: Technical Note. <i>Photomedicine and Laser Surgery</i> , 2015, 33, 220-223.	2.0	6
67	Clipping in Awake Surgery as End-Stage in a Complex Internal Carotid Artery Aneurysm After Failure of Multimodal Endovascular and Extracranial-Intracranial Bypass Treatment. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, e114-e118.	1.6	6
68	A rare case of spinal epidural sarcoidosis: case report and review of the literature. <i>Acta Neurologica Belgica</i> , 2021, 121, 415-420.	1.1	6
69	Reconstructive endovascular treatment of a ruptured blood blister-like aneurysm of anterior communicating artery. <i>Journal of Neurosurgical Sciences</i> , 2017, 61, 438-441.	0.6	6
70	Surgery for vertebral involvement in multiple myeloma. <i>Journal of Neurosurgical Sciences</i> , 2017, 62, 10-15.	0.6	6
71	Trigeminal Neuralgia Secondary to Intracranial Neoplastic Lesions: a Case Series and Comprehensive Review. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2021, 82, 118-124.	0.8	6
72	Radio-induced low-grade glioma: report of two cases and review of the literature. <i>Neurological Sciences</i> , 2009, 30, 137-141.	1.9	5

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73	Intramedullary non-specific inflammatory lesion of thoracic spine: A case report. World Journal of Surgical Oncology, 2010, 8, 3.	1.9	5
74	Granular cell tumor of the neurohypophysis: a single-institution experience. Tumori, 2014, 100, 160e-4e.	1.1	5
75	Lipomatous Meningioma: Clinical-Pathological Findings, Imaging Characterisation and Correlations of a Rare Type of Meningioma. In Vivo, 2021, 35, 3031-3037.	1.3	5
76	A Wake "Anesthesia" for Intraoperative Language Testing During Temporary Clip Application in a Patient With Giant Intracranial Aneurysm. Journal of Neurosurgical Anesthesiology, 2010, 22, 272-273.	1.2	4
77	Correlation Between Timing of Surgery and Outcome in ThoracoLumbar Fractures: Does Early Surgery Influence Neurological Recovery and Functional Restoration? A Multivariate Analysis of Results in Our Experience. Acta Neurochirurgica Supplementum, 2017, 124, 231-238.	1.0	3
78	Immunohistochemical profile of neurotrophins in human cranial dura mater and meningiomas. Oncology Reports, 2009, 21, 1373-80.	2.6	2
79	Anterior spinal epidural abscess due to Salmonella typhi: a report of a rare case treated conservatively and review of the literature. Neurological Sciences, 2013, 34, 2051-2052.	1.9	2
80	Spinal epidural lipomatosis: a rare condition with unclear etiology. Journal of Neurosurgical Sciences, 2019, 63, 352-354.	0.6	2
81	Sacral Nerves Reconstruction After Surgical Resection of a Large Sacral Chordoma Restores the Urinary and Sexual Functionality and the Anal Continence. Neurospine, 2022, , .	2.9	2
82	Achondroplasia: unusual bone abnormalities of the cervical spine. Neurosurgical Review, 1992, 15, 143-145.	2.4	1
83	Vanishing glioblastoma after corticosteroid therapy: Does this occurrence modify our surgical strategy?. Clinical Neurology and Neurosurgery, 2013, 115, 490-494.	1.4	1
84	C5 palsy after insertion of a winged expandable cervical cage: a case report and literature review. Journal of Spine Surgery, 2017, 3, 300-303.	1.2	1
85	First-in-man craniectomy and asportation of solitary cerebellar metastasis in COVID-19 patient: A case report. International Journal of Surgery Case Reports, 2020, 77, 753-758.	0.6	1
86	<i>En Bloc</i> Resection of Solitary Brain Metastasis: The Role of Perilesional Edema. In Vivo, 2022, 36, 1274-1284.	1.3	1
87	Clinoidal Meningiomas. Neurosurgery Quarterly, 2008, 18, 195-200.	0.1	0
88	Reply to De Witte et al "Language therapists for language testing in awake craniotomy. British Journal of Neurosurgery, 2015, 29, 608-608.	0.8	0
89	Letter to the Editor: Intradural extramedullary spinal tumor resection and quality of life. Journal of Neurosurgery: Spine, 2017, 26, 272-273.	1.7	0
90	Delayed surgery in neurologically intact patients affected by thoraco-lumbar junction burst fractures: to reduce pain and improve quality of life. Journal of Spine Surgery, 2018, 4, 397-402.	1.2	0

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91	Infundibuloneurohypophysitis associated with autoimmune thrombocytopenia and chiasmal syndrome: a case report. <i>Acta Neurologica Belgica</i> , 2019, 119, 337-342.	1.1	0
92	A rare case of Meckel's cave primary lymphoma: a case report and elaboration of the diagnostic algorithm. <i>Acta Neurologica Belgica</i> , 2021, 121, 907-914.	1.1	0
93	Outcome Features Analysis in Intramedullary Tumors of the Cervicomedullary Junction: A Surgical Series. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2021, 82, 225-231.	0.8	0