

# Denys Fontaine

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6117/publications.pdf>

Version: 2024-02-01

84  
papers

5,208  
citations

126907

33  
h-index

85541

71  
g-index

92  
all docs

92  
docs citations

92  
times ranked

4734  
citing authors

#	ARTICLE	IF	CITATIONS
1	Subthalamic Nucleus Stimulation in Severe Obsessive-Compulsive Disorder. <i>New England Journal of Medicine</i> , 2008, 359, 2121-2134.	27.0	829
2	Spontaneous and therapeutic prognostic factors in adult hemispheric World Health Organization Grade II gliomas: a series of 1097 cases. <i>Journal of Neurosurgery</i> , 2013, 118, 1157-1168.	1.6	357
3	Epileptic seizures in diffuse low-grade gliomas in adults. <i>Brain</i> , 2014, 137, 449-462.	7.6	289
4	Efficacy and safety of motor cortex stimulation for chronic neuropathic pain: critical review of the literature. <i>Journal of Neurosurgery</i> , 2009, 110, 251-256.	1.6	211
5	Safety and efficacy of deep brain stimulation in refractory cluster headache: a randomized placebo-controlled double-blind trial followed by a 1-year open extension. <i>Journal of Headache and Pain</i> , 2010, 11, 23-31.	6.0	206
6	Somatotopy of the Supplementary Motor Area: Evidence from Correlation of the Extent of Surgical Resection with the Clinical Patterns of Deficit. <i>Neurosurgery</i> , 2002, 50, 297-305.	1.1	180
7	Neuromodulation of chronic headaches: position statement from the European Headache Federation. <i>Journal of Headache and Pain</i> , 2013, 14, 86.	6.0	178
8	Natural history of incidental world health organization grade II gliomas. <i>Annals of Neurology</i> , 2010, 68, 727-733.	5.3	168
9	Prognostic significance of imaging contrast enhancement for WHO grade II gliomas. <i>Neuro-Oncology</i> , 2009, 11, 176-182.	1.2	158
10	Effect of subthalamic nucleus stimulation on obsessive-compulsive disorder in a patient with Parkinson disease. <i>Journal of Neurosurgery</i> , 2004, 100, 1084-1086.	1.6	157
11	Velocity of tumor spontaneous expansion predicts long-term outcomes for diffuse low-grade gliomas. <i>Neuro-Oncology</i> , 2013, 15, 595-606.	1.2	131
12	Treatment of refractory chronic cluster headache by chronic occipital nerve stimulation. <i>Cephalalgia</i> , 2011, 31, 1101-1105.	3.9	121
13	Comparison of the epidermal growth factor receptor gene and protein in primary non-small-cell-lung cancer and metastatic sites: implications for treatment with EGFR-inhibitors. <i>Annals of Oncology</i> , 2006, 17, 981-985.	1.2	118
14	Quantitative Morphological Magnetic Resonance Imaging Follow-up of Low-Grade Glioma. <i>Neurosurgery</i> , 2012, 71, 729-740.	1.1	116
15	Decrease of Prefrontal Metabolism After Subthalamic Stimulation in Obsessive-Compulsive Disorder: A Positron Emission Tomography Study. <i>Biological Psychiatry</i> , 2010, 68, 1016-1022.	1.3	111
16	Anatomical location of effective deep brain stimulation electrodes in chronic cluster headache. <i>Brain</i> , 2010, 133, 1214-1223.	7.6	110
17	Tolerance of awake surgery for glioma: a prospective European Low Grade Glioma Network multicenter study. <i>Acta Neurochirurgica</i> , 2013, 155, 1301-1308.	1.7	98
18	Endovascular Treatment of Ruptured Intracranial Aneurysms in Patients Aged 65 Years and Older. <i>Stroke</i> , 2002, 33, 2620-2625.	2.0	94

#	ARTICLE	IF	CITATIONS
19	Symptomatic Treatment of Memory Decline in Alzheimer's Disease by Deep Brain Stimulation: A Feasibility Study. <i>Journal of Alzheimer's Disease</i> , 2013, 34, 315-323.	2.6	88
20	In vivo measurement of the frame-based application accuracy of the Neuromate neurosurgical robot. <i>Journal of Neurosurgery</i> , 2015, 122, 191-194.	1.6	87
21	Pregnancy increases the growth rates of world health organization grade II gliomas. <i>Annals of Neurology</i> , 2010, 67, 398-404.	5.3	85
22	Anterior pallidal deep brain stimulation for Tourette's syndrome: a randomised, double-blind, controlled trial. <i>Lancet Neurology</i> , The, 2017, 16, 610-619.	10.2	82
23	Long-term outcome of oligodendrogliomas. <i>Neurology</i> , 2004, 62, 1783-1787.	1.1	80
24	Inter- and inpatient comparison of WHO grade II glioma kinetics before and after surgical resection. <i>Neurosurgical Review</i> , 2010, 33, 91-96.	2.4	64
25	Dural and pial pain-sensitive structures in humans: new inputs from awake craniotomies. <i>Brain</i> , 2018, 141, 1040-1048.	7.6	62
26	Neoadjuvant chemotherapy may optimize the extent of resection of World Health Organization grade II gliomas: a case series of 17 patients. <i>Journal of Neuro-Oncology</i> , 2013, 113, 267-275.	2.9	58
27	Limbic versus cognitive target for deep brain stimulation in treatment-resistant depression: Accumbens more promising than caudate. <i>European Neuropsychopharmacology</i> , 2014, 24, 1229-1239.	0.7	56
28	Occipital nerve stimulation improves the quality of life in medically-intractable chronic cluster headache: Results of an observational prospective study. <i>Cephalalgia</i> , 2017, 37, 1173-1179.	3.9	53
29	Influence of pregnancy in the behavior of diffuse gliomas: clinical cases of a French glioma study group. <i>Journal of Neurology</i> , 2009, 256, 2014-2020.	3.6	52
30	Neurostimulation methods in the treatment of chronic pain. <i>Journal of Neural Transmission</i> , 2020, 127, 673-686.	2.8	52
31	First-line nitrosourea-based chemotherapy in symptomatic non-resectable supratentorial pure low-grade astrocytomas. <i>European Journal of Neurology</i> , 2005, 12, 685-690.	3.3	45
32	Chronic fornix deep brain stimulation in a transgenic Alzheimer's rat model reduces amyloid burden, inflammation, and neuronal loss. <i>Brain Structure and Function</i> , 2019, 224, 363-372.	2.3	43
33	Extent of Resection and Residual Tumor Thresholds for Postoperative Total Seizure Freedom in Epileptic Adult Patients Harboring a Supratentorial Diffuse Low-Grade Glioma. <i>Neurosurgery</i> , 2019, 85, E332-E340.	1.1	41
34	Maps of the adult human hypothalamus. , 2013, 4, 156.		34
35	Interactions between glioma and pregnancy: insight from a 52-case multicenter series. <i>Journal of Neurosurgery</i> , 2018, 128, 3-13.	1.6	34
36	Neuronal activity correlated with checking behaviour in the subthalamic nucleus of patients with obsessive-compulsive disorder. <i>Brain</i> , 2013, 136, 304-317.	7.6	33

#	ARTICLE	IF	CITATIONS
37	How Should we Use Multicolumn Spinal Cord Stimulation to Optimize Back Pain Spatial Neural Targeting? A Prospective, Multicenter, Randomized, Double-Blind, Controlled Trial (ESTIMET Study). <i>Neuromodulation</i> , 2021, 24, 86-101.	0.8	29
38	Peripheral Nerve Stimulation of Brachial Plexus Nerve Roots and Supra-Scapular Nerve for Chronic Refractory Neuropathic Pain of the Upper Limb. <i>Neuromodulation</i> , 2017, 20, 684-689.	0.8	28
39	Long-Term Efficacy of Occipital Nerve Stimulation for Medically Intractable Cluster Headache. <i>Neurosurgery</i> , 2021, 88, 375-383.	1.1	26
40	Magnetic Resonance-Guided Stereotactic Biopsies: Results in 100 Consecutive Cases. <i>Acta Neurochirurgica</i> , 2000, 142, 249-256.	1.7	24
41	Neuromodulation in Cluster Headache. <i>Advances and Technical Standards in Neurosurgery</i> , 2015, 42, 3-21.	0.5	24
42	Long-term effects of subthalamic stimulation in Obsessive-Compulsive Disorder: Follow-up of a randomized controlled trial. <i>Brain Stimulation</i> , 2019, 12, 1080-1082.	1.6	24
43	Deep Brain Stimulation for Chronic Cluster Headache: Meta-Analysis of Individual Patient Data. <i>Annals of Neurology</i> , 2020, 88, 956-969.	5.3	24
44	Deep Brain Stimulation for Psychiatric Diseases: What Are the Risks?. <i>Current Psychiatry Reports</i> , 2015, 17, 33.	4.5	23
45	Multicolumn spinal cord stimulation for significant low back pain in failed back surgery syndrome: Design of a national, multicentre, randomized, controlled health economics trial (ESTIMET Study). <i>Neurochirurgie</i> , 2015, 61, S109-S116.	1.2	23
46	Electrical modulation of neuronal networks in brain-injured patients with disorders of consciousness: A systematic review. <i>Annales Francaises D'Anesthesie Et De Reanimation</i> , 2014, 33, 88-97.	1.4	21
47	Pain during awake craniotomy for brain tumor resection. Incidence, causes, consequences and management. <i>Neurochirurgie</i> , 2017, 63, 204-207.	1.2	17
48	Surgical resection of cavernous angioma located within eloquent brain areas: International survey of the practical management among 19 specialized centers. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 69, 31-40.	2.0	16
49	Long-term effects of anterior pallidal deep brain stimulation for tourette's syndrome. <i>Movement Disorders</i> , 2019, 34, 586-588.	3.9	16
50	Spinal cord stimulation for chronic refractory pain: Long-term effectiveness and safety data from a multicentre registry. <i>European Journal of Pain</i> , 2019, 23, 1031-1044.	2.8	16
51	Ruptured Intracranial Aneurysms in the Elderly: Epidemiology, Diagnosis, and Management. <i>Neurocritical Care</i> , 2005, 2, 119-123.	2.4	15
52	Chemotherapy and diffuse low-grade gliomas: a survey within the European Low-Grade Glioma Network. <i>Neuro-Oncology Practice</i> , 2019, 6, 264-273.	1.6	14
53	Spinal cord stimulation for neuropathic pain. <i>Revue Neurologique</i> , 2021, 177, 838-842.	1.5	14
54	Survey on current practice within the European Low-Grade Glioma Network: where do we stand and what is the next step?. <i>Neuro-Oncology Practice</i> , 2017, 4, 241-247.	1.6	13

#	ARTICLE	IF	CITATIONS
55	Artificial intelligence to evaluate postoperative pain based on facial expression recognition. <i>European Journal of Pain</i> , 2022, 26, 1282-1291.	2.8	12
56	Short-term restoration of facial sensory loss by motor cortex stimulation in peripheral post-traumatic neuropathic pain. <i>Journal of Headache and Pain</i> , 2009, 10, 203-206.	6.0	9
57	Salvage treatment of trigeminal neuralgia by occipital nerve stimulation. <i>Cephalalgia</i> , 2014, 34, 307-310.	3.9	9
58	Resection of cavernous angioma located in eloquent areas using functional cortical and subcortical mapping under awake conditions. Outcomes in a 50-case multicentre series. <i>Neurochirurgie</i> , 2017, 63, 219-226.	1.2	9
59	Meningeal SWI/SNF related, matrix-associated, actin-dependent regulator of chromatin, subfamily B member 1 (SMARCB1)-deficient tumours: an emerging group of meningeal tumours. <i>Neuropathology and Applied Neurobiology</i> , 2017, 43, 433-449.	3.2	9
60	Predictors of Epileptic Seizures and Ability to Work in Supratentorial Cavernous Angioma Located Within Eloquent Brain Areas. <i>Neurosurgery</i> , 2019, 85, E702-E713.	1.1	8
61	Multimodal management of surgery- and radiation-refractory meningiomas: an analysis of the French national tumor board meeting on meningiomas cohort. <i>Journal of Neuro-Oncology</i> , 2021, 153, 55-64.	2.9	8
62	Two-step tunneling technique of deep brain stimulation extension wires—a description. <i>Acta Neurochirurgica</i> , 2013, 155, 2399-2402.	1.7	7
63	Phantom vision after eye removal: prevalence, features and related risk factors. <i>British Journal of Ophthalmology</i> , 2022, 106, 1603-1609.	3.9	6
64	Cluster-Like Headache Secondary to Parasagittal Hemangiopericytoma. <i>Headache</i> , 2012, 53, n/a-n/a.	3.9	5
65	Occipital Nerve Stimulation for Refractory Chronic Cluster Headache: A Cost-Effectiveness Study. <i>Neuromodulation</i> , 2021, 24, 1083-1092.	0.8	5
66	Intracranial nociception. <i>Revue Neurologique</i> , 2021, 177, 765-772.	1.5	5
67	Deep brain stimulation in Alzheimer's disease. <i>International Review of Neurobiology</i> , 2021, 159, 69-87.	2.0	5
68	<sc>MET</sc> immunolabelling is a useful predictive tool for <i><sc>MET</sc></i> gene amplification in glioblastoma. <i>Neuropathology and Applied Neurobiology</i> , 2017, 43, 252-266.	3.2	4
69	Phantom eye pain: a multicentric study in 100 patients. <i>Acta Ophthalmologica</i> , 2021, 99, e753-e760.	1.1	4
70	Bevacizumab: Is the lower the better for glioblastoma patients in progression?. <i>Bulletin Du Cancer</i> , 2018, 105, 1135-1146.	1.6	3
71	Occipital nerve stimulation for chronic cluster headache. <i>Lancet Neurology</i> , The, 2021, 20, 498-499.	10.2	3
72	Stimulation mÃ©dullaire: indications et rÃ©sultats. <i>Douleurs</i> , 2011, 12, 168-172.	0.0	2

#	ARTICLE	IF	CITATIONS
73	Acute and Reproducible Mood Improvement Due to Nucleus Accumbens Deep Brain Stimulation. Brain Stimulation, 2015, 8, 842-843.	1.6	2
74	Neurostimulation: Why, When, and Which One?. Headache, 2020, , 153-167.	0.4	2
75	Functional and dysfunctional impulsivities changes after subthalamic nucleus-deep brain stimulation in Parkinson disease. Neurochirurgie, 2021, 67, 420-426.	1.2	1
76	Post-traumatic cerebral venous sinus thrombosis associated with epidural hematoma: A challenging clinical situation. Neurochirurgie, 2022, 68, e40-e43.	1.2	1
77	Neuralgia facciale essenziale. EMC - AKOS - Trattato Di Medicina, 2013, 15, 1-6.	0.0	0
78	Traitements mÃ©dicamenteux et chirurgicaux de lâ€™malgie vasculaire de la face. Douleur Et Analgesie, 2015, 28, 148-154.	0.1	0
79	Stimulation mÃ©dullaireÂ: une thÃ©rapie efficace face Ã certaines douleurs chroniques mais ignorÃ©e. Douleurs, 2020, 21, 11-19.	0.0	0
80	General epidemiology and survival rate of malignant and non-malignant brain and central nervous system tumors in Nice area (France). Journal of Clinical Oncology, 2007, 25, 17078-17078.	1.6	0
81	Traitement neurochirurgical des cÃ©phalÃ©es primaires. , 2014, , 183-197.		0
82	Neurosurgical Interventions for Chronic Pain. , 2018, , 547-563.		0
83	Hypothalamic Deep Brain Stimulation. Headache, 2020, , 43-51.	0.4	0
84	Occipital Nerve Stimulation for Recurrent Trigeminal Neuralgia Without Occipital Pain. Neuromodulation, 2022, , .	0.8	0