

# Steven De Vleeschouwer

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

3,615  
citations

172457

29  
h-index

144013

57  
g-index

80  
all docs

80  
docs citations

80  
times ranked

4651  
citing authors

#	ARTICLE	IF	CITATIONS
1	The incidence of postoperative cerebrospinal fluid leakage after elective cranial surgery: a systematic review. <i>Neurosurgical Review</i> , 2022, 45, 1827-1845.	2.4	13
2	Treatment of ruptured subclavian steal flow-related vertebrobasilar junction aneurysms: Case report on surgical and endovascular considerations from two cases. <i>International Journal of Surgery Case Reports</i> , 2022, 90, 106744.	0.6	1
3	Global comparison of awake and asleep mapping procedures in glioma surgery: An international multicenter survey. <i>Neuro-Oncology Practice</i> , 2022, 9, 123-132.	1.6	6
4	Immunogenic cell death and its therapeutic or prognostic potential in high-grade glioma. <i>Genes and Immunity</i> , 2022, 23, 1-11.	4.1	24
5	Safe surgery for glioblastoma: Recent advances and modern challenges. <i>Neuro-Oncology Practice</i> , 2022, 9, 364-379.	1.6	14
6	Towards real-time intraoperative tissue interrogation for REIMS-guided glioma surgery. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , 2022, 24, 80-89.	2.4	7
7	Effect of awake craniotomy in glioblastoma in eloquent areas (GLIOMAP): a propensity score-matched analysis of an international, multicentre, cohort study. <i>Lancet Oncology, The</i> , 2022, 23, 802-817.	10.7	31
8	Trial watch: Dendritic cell (DC)-based immunotherapy for cancer. <i>Oncolmmunology</i> , 2022, 11, .	4.6	54
9	Intracerebral abscess due to <i>Cutibacterium acnes</i> after lung transplantation. <i>Transplant Infectious Disease</i> , 2021, 23, e13398.	1.7	1
10	DNA methylation based glioblastoma subclassification is related to tumoral T-cell infiltration and patient survival. <i>Neuro-Oncology</i> , 2021, 23, 240-250.	1.2	31
11	Stroke rate after external fractionated radiotherapy for benign meningioma. <i>Journal of Neuro-Oncology</i> , 2021, 152, 99-106.	2.9	1
12	Single-cell profiling of myeloid cells in glioblastoma across species and disease stage reveals macrophage competition and specialization. <i>Nature Neuroscience</i> , 2021, 24, 595-610.	14.8	288
13	Screening for Intracranial Aneurysms in Individuals with a Positive First-Degree Family History: A Systematic Review. <i>World Neurosurgery</i> , 2021, 151, 235-248.e5.	1.3	7
14	SLIT2/ROBO signaling in tumor-associated microglia and macrophages drives glioblastoma immunosuppression and vascular dysmorphia. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	46
15	Maximizing extent of resection while minimizing the risk of neurological morbidity in glioma patients: a novel grading scale to translate these surgical goals into a merged onco-functional clinical outcome. <i>Neuro-Oncology</i> , 2021, 23, 504-505.	1.2	3
16	Automated speech analysis to improve TMS-based language mapping: Algorithm and proof of concept. <i>Brain Stimulation</i> , 2020, 13, 267-269.	1.6	3
17	5-Aminolevulinic acid for recurrent malignant gliomas: A systematic review. <i>Clinical Neurology and Neurosurgery</i> , 2020, 195, 105913.	1.4	8
18	Trial watch: dendritic cell vaccination for cancer immunotherapy. <i>Oncolmmunology</i> , 2019, 8, 1638212.	4.6	125

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19	Optimized preoperative motor cortex mapping in brain tumors using advanced processing of transcranial magnetic stimulation data. <i>NeuroImage: Clinical</i> , 2019, 21, 101657.	2.7	16
20	Preclinical efficacy of immune-checkpoint monotherapy does not recapitulate corresponding biomarkers-based clinical predictions in glioblastoma. <i>Oncolmmunology</i> , 2017, 6, e1295903.	4.6	64
21	Sensitization of glioblastoma tumor micro-environment to chemo- and immunotherapy by Galectin-1 intranasal knock-down strategy. <i>Scientific Reports</i> , 2017, 7, 1217.	3.3	105
22	Dynamic stroma reorganization drives blood vessel dysmorphia during glioma growth. <i>EMBO Molecular Medicine</i> , 2017, 9, 1629-1645.	6.9	54
23	Characterization of PD-1 upregulation on tumor-infiltrating lymphocytes in human and murine gliomas and preclinical therapeutic blockade. <i>International Journal of Cancer</i> , 2017, 141, 1891-1900.	5.1	23
24	A posttraumatic pontomedullary rent with good outcome. <i>Acta Neurochirurgica</i> , 2016, 158, 577-579.	1.7	1
25	Development of siRNA-loaded chitosan nanoparticles targeting Galectin-1 for the treatment of glioblastoma multiforme via intranasal administration. <i>Journal of Controlled Release</i> , 2016, 227, 71-81.	9.9	123
26	Irradiation of necrotic cancer cells, employed for pulsing dendritic cells (DCs), potentiates DC vaccine-induced antitumor immunity against high-grade glioma. <i>Oncolmmunology</i> , 2016, 5, e1083669.	4.6	49
27	Family Caregivers of Patients With a High-Grade Glioma. <i>Cancer Nursing</i> , 2015, 38, 406-413.	1.5	26
28	Results of endoscopic third ventriculostomy in elderly patients $\geq 65$ years of age. <i>Clinical Neurology and Neurosurgery</i> , 2015, 130, 48-54.	1.4	8
29	Immune Suppression during Oncolytic Virotherapy for High-Grade Glioma; Yes or No?. <i>Journal of Cancer</i> , 2015, 6, 203-217.	2.5	24
30	Re-irradiation or re-operation followed by dendritic cell vaccination? Comparison of two different salvage strategies for relapsed high-grade gliomas by means of a new prognostic model. <i>Journal of Neuro-Oncology</i> , 2015, 124, 325-332.	2.9	10
31	Living with a high-grade glioma: A qualitative study of patients' experiences and care needs. <i>European Journal of Oncology Nursing</i> , 2015, 19, 383-390.	2.1	51
32	Newcastle disease virotherapy induces long-term survival and tumor-specific immune memory in orthotopic glioma through the induction of immunogenic cell death. <i>International Journal of Cancer</i> , 2015, 136, E313-25.	5.1	165
33	Dendritic cell vaccination for glioblastoma multiforme: review with focus on predictive factors for treatment response. <i>ImmunoTargets and Therapy</i> , 2014, 3, 55.	5.8	5
34	Dendritic cell vaccination for glioblastoma multiforme: Clinical experience and future directions. , 2014, , .		0
35	Glioma-derived galectin-1 regulates innate and adaptive antitumor immunity. <i>International Journal of Cancer</i> , 2014, 134, 873-884.	5.1	71
36	Primary brain tumours, meningiomas and brain metastases in pregnancy: Report on 27 cases and review of literature. <i>European Journal of Cancer</i> , 2014, 50, 1462-1471.	2.8	54

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37	Letter: Maximizing the extent of resection and survival benefit of patients in glioblastoma surgery: High-field iMRI versus conventional and 5-ALA-assisted surgery. <i>European Journal of Surgical Oncology</i> , 2014, 40, 1384-1385.	1.0	3
38	Development and validation of a fully GMP-compliant production process of autologous, tumor-lysate-pulsed dendritic cells. <i>Cytotherapy</i> , 2014, 16, 946-964.	0.7	27
39	Irradiation of necrotic tumor cells used to pulse dendritic cells (DCs) potentiates DC vaccine-induced anti-tumor immunity in a mouse model of high-grade glioma. , 2014, 2, .		1
40	Altered galectin-1 serum levels in patients diagnosed with high-grade glioma. <i>Journal of Neuro-Oncology</i> , 2013, 115, 9-17.	2.9	42
41	Defining pseudoprogression in glioblastoma multiforme. <i>European Journal of Neurology</i> , 2013, 20, 1335-1341.	3.3	48
42	Formulations for Intranasal Delivery of Pharmacological Agents to Combat Brain Disease: A New Opportunity to Tackle GBM?. <i>Cancers</i> , 2013, 5, 1020-1048.	3.7	126
43	What the neurosurgeon should know about hemangioblastoma, both sporadic and in Von Hippel-Lindau disease: A literature review. , 2013, 4, 145.		51
44	Galectin-1 in Melanoma Biology and Related Neo-Angiogenesis Processes. <i>Journal of Investigative Dermatology</i> , 2012, 132, 2245-2254.	0.7	64
45	Gliomas: Diffusion Kurtosis MR Imaging in Grading. <i>Radiology</i> , 2012, 263, 492-501.	7.3	311
46	Ependymomas of the filum terminale: The role of surgery and radiotherapy. , 2012, 3, 76.		12
47	Integration of autologous dendritic cell-based immunotherapy in the standard of care treatment for patients with newly diagnosed glioblastoma: results of the HGG-2006 phase I/II trial. <i>Cancer Immunology, Immunotherapy</i> , 2012, 61, 2033-2044.	4.2	136
48	Stratification according to HGG-IMMUNO RPA model predicts outcome in a large group of patients with relapsed malignant glioma treated by adjuvant postoperative dendritic cell vaccination. <i>Cancer Immunology, Immunotherapy</i> , 2012, 61, 2105-2112.	4.2	23
49	Should dendritic cell-based tumor vaccination be incorporated into standard therapy for newly diagnosed glioblastoma patients?. <i>Expert Review of Neurotherapeutics</i> , 2012, 12, 1173-1176.	2.8	7
50	Resection and Immunotherapy for Recurrent Grade III Glioma. <i>ISRN Immunology</i> , 2012, 2012, 1-9.	0.7	8
51	High-Grade Gliomas: Dendritic Cell Therapy. , 2011, , 313-333.		0
52	Galectin-1 and immunotherapy for brain cancer. <i>Expert Review of Neurotherapeutics</i> , 2011, 11, 533-543.	2.8	23
53	Long-lasting, Complete Exclusion of a Large Galenic Dural Arteriovenous Fistula After Clipping of the Central Venous Aneurysm of the Vein of Galen: Case Report. <i>Neurosurgery</i> , 2011, 68, E571-E574.	1.1	9
54	MR perfusion and diffusion imaging in the follow-up of recurrent glioblastoma treated with dendritic cell immunotherapy: a pilot study. <i>Neuroradiology</i> , 2011, 53, 721-731.	2.2	72

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55	Integration of autologous dendritic cell-based immunotherapy in the primary treatment for patients with newly diagnosed glioblastoma multiforme: a pilot study. <i>Journal of Neuro-Oncology</i> , 2010, 99, 261-272.	2.9	119
56	Technical advancement in regulatory T cell isolation and characterization using CD127 expression in patients with malignant glioma treated with autologous dendritic cell vaccination. <i>Journal of Immunological Methods</i> , 2010, 352, 169-173.	1.4	22
57	Adjuvant dendritic cell-based tumour vaccination for children with malignant brain tumours. <i>Pediatric Blood and Cancer</i> , 2010, 54, 519-525.	1.5	120
58	<i>MGMT</i> promoter methylation and <i>IDH1</i> mutation as prognostic markers for a favorable clinical outcome in patients with glioblastoma multiforme.. <i>Journal of Clinical Oncology</i> , 2010, 28, 2053-2053.	1.6	0
59	DC vaccination with anti-CD25 treatment leads to long-term immunity against experimental glioma. <i>Neuro-Oncology</i> , 2009, 11, 529-542.	1.2	94
60	Dendritic Cell Therapy of High-Grade Gliomas. <i>Brain Pathology</i> , 2009, 19, 694-712.	4.1	90
61	Adjuvant dendritic cell-based tumor vaccination for children with malignant brain tumors: preliminary results. <i>World Neurosurgery</i> , 2009, 71, 135.	1.3	0
62	36 Clinical applications – lessons from pediatrics. <i>European Journal of Cancer, Supplement</i> , 2009, 7, 12.	2.2	0
63	Postoperative Adjuvant Dendritic Cell-Based Immunotherapy in Patients with Relapsed Glioblastoma Multiforme. <i>Clinical Cancer Research</i> , 2008, 14, 3098-3104.	7.0	237
64	Persistent IL-10 production is required for glioma growth suppressive activity by Th1-directed effector cells after stimulation with tumor lysate-loaded dendritic cells. <i>Journal of Neuro-Oncology</i> , 2007, 84, 131-140.	2.9	28
65	DENDRITIC CELL VACCINATION IN PATIENTS WITH MALIGNANT GLIOMAS. <i>Neurosurgery</i> , 2006, 59, 988-1000.	1.1	61
66	Risk Analysis of Thrombo-Embolic and Recurrent Bleeding Events in the Management Of Intracranial Haemorrhage Due to Oral Anticoagulation. <i>Acta Chirurgica Belgica</i> , 2005, 105, 268-274.	0.4	39
67	Uptake and presentation of malignant glioma tumor cell lysates by monocyte-derived dendritic cells. <i>Cancer Immunology, Immunotherapy</i> , 2005, 54, 372-382.	4.2	42
68	Immunotherapy for malignant gliomas: emphasis on strategies of active specific immunotherapy using autologous dendritic cells. <i>Child's Nervous System</i> , 2005, 21, 7-18.	1.1	25
69	Transient local response and persistent tumor control in a child with recurrent malignant glioma: treatment with combination therapy including dendritic cell therapy. <i>Journal of Neurosurgery: Pediatrics</i> , 2004, 100, 492-497.	1.3	56
70	Surgery and adjuvant dendritic cell-based tumour vaccination for patients with relapsed malignant glioma, a feasibility study. <i>British Journal of Cancer</i> , 2004, 91, 1656-1662.	6.4	161
71	Recurring Glioblastoma: A Case for Reoperation?. , 0, , 281-296.		5
72	Glioblastoma: To Target the Tumor Cell or the Microenvironment?. , 0, , 315-340.		31