

# Philippe Demaerel

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

738  
citations

516710

16  
h-index

580821

25  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early goal-directed haemodynamic optimization of cerebral oxygenation in comatose survivors after cardiac arrest: the Neuroprotect post-cardiac arrest trial. <i>European Heart Journal</i> , 2019, 40, 1804-1814.	2.2	123
2	Magnetic resonance angiography in suspected cerebral vasculitis. <i>European Radiology</i> , 2004, 14, 1005-1012.	4.5	50
3	10-year follow-up after implantation of the Bryan Cervical Disc Prosthesis. <i>European Spine Journal</i> , 2017, 26, 1191-1198.	2.2	47
4	Autoimmune-mediated encephalitis. <i>Neuroradiology</i> , 2011, 53, 837-851.	2.2	44
5	Power estimation for non-standardized multisite studies. <i>NeuroImage</i> , 2016, 134, 281-294.	4.2	36
6	Stroke caused by cerebral air embolism during endoscopy. <i>Gastrointestinal Endoscopy</i> , 2003, 57, 134-135.	1.0	29
7	How does the interaction of presumed timing, location and extent of the underlying brain lesion relate to upper limb function in children with unilateral cerebral palsy?. <i>European Journal of Paediatric Neurology</i> , 2017, 21, 763-772.	1.6	29
8	Paediatric neuroradiological aspects of Langerhans cell histiocytosis. <i>Neuroradiology</i> , 2008, 50, 85-92.	2.2	28
9	Reliability of MR Imaging-Based Posterior Fossa and Brain Stem Measurements in Open Spinal Dysraphism in the Era of Fetal Surgery. <i>American Journal of Neuroradiology</i> , 2019, 40, 191-198.	2.4	23
10	Magnetic resonance imaging of spinal cord trauma: a pictorial essay. <i>Neuroradiology</i> , 2006, 48, 223-232.	2.2	22
11	Combining constraint-induced movement therapy and action-observation training in children with unilateral cerebral palsy: a randomized controlled trial. <i>BMC Pediatrics</i> , 2018, 18, 250.	1.7	22
12	Diagnostic accuracy of noncontrast CT imaging markers in cerebral venous thrombosis. <i>Neurology</i> , 2019, 92, e841-e851.	1.1	22
13	Partial rhombencephalosynapsis. <i>American Journal of Neuroradiology</i> , 2004, 25, 29-31.	2.4	22
14	The Role of Cranial Computed Tomography in the Diagnostic Work-up of Headache. <i>Headache</i> , 1996, 36, 347-348.	3.9	21
15	Visual pathway glioma in children treated with chemotherapy. <i>European Journal of Paediatric Neurology</i> , 2002, 6, 207-212.	1.6	21
16	Giant Arachnoid Granulations Mimicking Pathology. <i>Neuroradiology Journal</i> , 2014, 27, 316-321.	1.2	21
17	Clinically Recognizing Enlarged Extraocular Muscles from Lymphoid Origin. <i>Ophthalmology</i> , 2015, 122, 217-218.	5.2	14
18	A Newborn With Neurocutaneous Melanocytosis and Dandy-Walker Malformation. <i>Pediatric Neurology</i> , 2014, 50, 276-278.	2.1	12

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19	Added Value of Quantitative Apparent Diffusion Coefficient Values for Neuroprognostication After Cardiac Arrest. <i>Neurology</i> , 2021, 96, e2611-e2618.	1.1	12
20	Cortical spectral matching and shape and volume analysis of the fetal brain pre- and post-fetal surgery for spina bifida: a retrospective study. <i>Neuroradiology</i> , 2021, 63, 1721-1734.	2.2	12
21	Structural Brain Damage and Upper Limb Kinematics in Children with Unilateral Cerebral Palsy. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 607.	2.0	11
22	Secondary B-cell lymphoma associated with the Epstein-Barr virus in chronic lymphocytic leukemia patients. <i>Journal of Hematopathology</i> , 2016, 9, 113-120.	0.4	10
23	Posterior reversible encephalopathy syndrome possibly induced by pemetrexed maintenance therapy for lung cancer: a case report and literature review. <i>Acta Clinica Belgica</i> , 2017, 73, 1-7.	1.2	10
24	Identifying brain changes related to cognitive aging using VBM and visual rating scales. <i>NeuroImage: Clinical</i> , 2019, 22, 101697.	2.7	10
25	Evaluation and clinical correlation of practical cut-offs for visual rating scales of atrophy: normal aging versus mild cognitive impairment and Alzheimer's disease. <i>Acta Neurologica Belgica</i> , 2017, 117, 661-669.	1.1	9
26	The dentato-olivary pathway revisited: New MR imaging observations regarding hypertrophic olivary degeneration. <i>Clinical Anatomy</i> , 2017, 30, 543-549.	2.7	9
27	Qualitative and quantitative analysis of diffusion-weighted brain MR imaging in comatose survivors after cardiac arrest. <i>Neuroradiology</i> , 2020, 62, 1361-1369.	2.2	8
28	MR Imaging in Inflicted Brain Injury. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2012, 20, 35-44.	1.1	7
29	Wallerian Degeneration of the Superior Cerebellar Peduncle. <i>JAMA Neurology</i> , 2015, 72, 1206.	9.0	7
30	Genetic Creutzfeldt-Jakob disease mimicking chronic inflammatory demyelinating polyneuropathy. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2015, 2, e173.	6.0	5
31	Tacrolimus-Induced Optic Neuropathy After Multivisceral Transplantation. <i>Transplantation Direct</i> , 2020, 6, e516.	1.6	5
32	An update on congenital melanocytic nevus syndrome: A case report and literature review. <i>Journal of Cutaneous Pathology</i> , 2021, 48, 1497-1503.	1.3	5
33	Devastating cerebral Lipiodol® embolization related to therapeutic lymphangiography for refractory chylothorax in a patient with Behçet's disease. <i>Vasa - European Journal of Vascular Medicine</i> , 2018, 47, 427-430.	1.4	5
34	MRI demonstration of orbital lipolysis in anorexia nervosa. <i>European Radiology</i> , 2002, 12, S4-S6.	4.5	4
35	Morphometric evaluation of traumatic axonal injury and the correlation with post-traumatic cerebral atrophy and functional outcome. <i>Neuroradiology Journal</i> , 2022, 35, 468-476.	1.2	4
36	Posterior reversible encephalopathy syndrome in multiple system atrophy. <i>Parkinsonism and Related Disorders</i> , 2016, 28, 155-156.	2.2	3

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37	Ophthalmological examination in neurofibromatosis type 1: a long-term retrospective analysis. <i>Acta Ophthalmologica</i> , 2018, 96, e1044-e1046.	1.1	3
38	Juvenile fibrosarcoma of the temporal bone. , 1996, 26, 61-63.		2
39	A Small Leak Will Sink the Brain: Targeted C1-C2 Patching. <i>World Neurosurgery</i> , 2017, 101, 816.e1-816.e3.	1.3	2
40	Non-REM sleep EEG pattern in acute bithalamic paramedian infarction. <i>Acta Neurologica Belgica</i> , 2017, 117, 921-924.	1.1	2
41	Antiviral treatment with fluoxetine for rituximab-associated chronic echovirus 13 meningoencephalitis and myofasciitis. <i>European Journal of Neurology</i> , 0, , .	3.3	2
42	Non-infective endocarditis with systemic embolization and recurrent stroke in systemic sclerosis. <i>Rheumatology</i> , 2016, 55, kev381.	1.9	1
43	Aphasia 1 Week After Carotid Endarterectomy. <i>Stroke</i> , 2016, 47, e63-5.	2.0	1
44	Limb ataxia after double hit in the Guillain-Mollaret triangle. <i>Acta Neurologica Belgica</i> , 2020, 120, 771-773.	1.1	1
45	Neuro-image: recurrent painful ophthalmoplegic neuropathy. <i>Acta Neurologica Belgica</i> , 2021, 121, 1331-1333.	1.1	1
46	Brian Ernest Kendall. <i>Neuroradiology</i> , 2015, 57, 871-872.	2.2	0
47	Internal carotid artery dissection coincides with celiac artery dissection. <i>Acta Neurologica Belgica</i> , 2017, 117, 333-335.	1.1	0
48	A Conjunctival Vascular Malformation as a Rare Presenting Sign of Wyburn-Mason Syndrome. <i>Journal of Pediatric Neurology</i> , 2018, 16, 239-242.	0.2	0
49	White matter brain lesions in infantile-onset Pompe disease are not metabolically active using 18F-FDG PET/MR imaging. <i>Neuromuscular Disorders</i> , 2020, 30, 732-733.	0.6	0
50	Neuro research presentation sessions at ECR 2020. <i>European Radiology</i> , 2020, 30, 5599-5601.	4.5	0
51	Delayed orbital fibrosing inflammation from a retained crayon. <i>Neuroradiology</i> , 2021, 63, 817-820.	2.2	0
52	Optic Neuropathy Revealing Severe Superficial Siderosis in the Setting of Long-standing Low-grade Intracranial Neoplasm. <i>Neuro-Ophthalmology</i> , 2022, 46, 1-7.	1.0	0
53	Moyamoya disease and systemic sclerosis (MoSys syndrome): a combination of two rare entities: comment to the authors. <i>Clinical and Experimental Rheumatology</i> , 2017, 35 Suppl 106, 216.	0.8	0
54	A case of vitamin B12 deficiency neurological syndrome in a young adult due to late-onset cobalamin C (CblC) deficiency: a diagnostic challenge. <i>Biochemia Medica</i> , 2022, 32, 020802.	2.7	0

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55	Neurocysticercosis: An Uncommon Cause of Acute Supratentorial Hydrocephalus. Journal of the Belgian Society of Radiology, 2022, 106, 31.	0.3	0