

Pierre Brugières

List of Publications by Year in descending order

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70
papers

5,033
citations

126907

33
h-index

88630

70
g-index

72
all docs

72
docs citations

72
times ranked

6230
citing authors

#	ARTICLE	IF	CITATIONS
1	Liver Cirrhosis: Intravoxel Incoherent Motion MR Imaging—Pilot Study. <i>Radiology</i> , 2008, 249, 891-899.	7.3	562
2	Motor and cognitive improvements in patients with Huntington's disease after neural transplantation. <i>Lancet, The</i> , 2000, 356, 1975-1979.	13.7	434
3	Zika Virus Associated with Meningoencephalitis. <i>New England Journal of Medicine</i> , 2016, 374, 1595-1596.	27.0	424
4	Long-term safety and tolerability of ProSavin, a lentiviral vector-based gene therapy for Parkinson's disease: a dose escalation, open-label, phase 1/2 trial. <i>Lancet, The</i> , 2014, 383, 1138-1146.	13.7	368
5	Effect of fetal neural transplants in patients with Huntington's disease 6 years after surgery: a long-term follow-up study. <i>Lancet Neurology, The</i> , 2006, 5, 303-309.	10.2	345
6	Chronic motor cortex stimulation in the treatment of central and neuropathic pain. Correlations between clinical, electrophysiological and anatomical data. <i>Pain</i> , 1999, 82, 245-251.	4.2	340
7	Endoscopic Management of Colloid Cysts. <i>Neurosurgery</i> , 1998, 42, 1288-1294.	1.1	161
8	Whole-body diffusion-weighted magnetic resonance imaging with apparent diffusion coefficient mapping for staging patients with diffuse large B-cell lymphoma. <i>European Radiology</i> , 2010, 20, 2027-2038.	4.5	145
9	Striatal neural grafting improves cortical metabolism in Huntington's disease patients. <i>Brain</i> , 2004, 127, 65-72.	7.6	142
10	The role of the striatum in rule application: the model of Huntington's disease at early stage. <i>Brain</i> , 2005, 128, 1155-1167.	7.6	129
11	Multiple-domain dissociation between impaired visual perception and preserved mental imagery in a patient with bilateral extrastriate lesions. <i>Neuropsychologia</i> , 1998, 36, 239-249.	1.6	120
12	Percutaneous endoscopic treatment of suprasellar arachnoid cysts: ventriculocystostomy or ventriculocystocisternostomy?. <i>Journal of Neurosurgery</i> , 1996, 84, 696-701.	1.6	103
13	Long-term persistence of vaccine-derived aluminum hydroxide is associated with chronic cognitive dysfunction. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 1571-1578.	3.5	85
14	Chiari I malformation: a rare cause of noncommunicating hydrocephalus treated by third ventriculostomy. <i>Journal of Neurosurgery</i> , 2001, 95, 783-790.	1.6	84
15	Treatment of chronic neuropathic pain by motor cortex stimulation: Results of a bicentric controlled crossover trial. <i>Brain Stimulation</i> , 2008, 1, 89-96.	1.6	83
16	Long-term follow-up of pediatric sickle cell disease patients with abnormal high velocities on transcranial Doppler. <i>Pediatric Radiology</i> , 2005, 35, 242-248.	2.0	72
17	Hydrocephalus due to idiopathic stenosis of the foramina of Magendie and Luschka. <i>Journal of Neurosurgery</i> , 2003, 98, 897-902.	1.6	65
18	Intravoxel incoherent motion (IVIM) MR imaging of colorectal liver metastases: Are we only looking at tumor necrosis?. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 317-325.	3.4	62

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19	Neurofibromatosis 1-associated neuropathies: a reappraisal. <i>Brain</i> , 2004, 127, 1993-2009.	7.6	61
20	Outcome of Bilateral Subthalamic Nucleus Stimulation in the Treatment of Parkinson's Disease: Correlation with Intra-Operative Multi-Unit Recordings but Not with the Type of Anaesthesia. <i>European Neurology</i> , 2008, 60, 186-199.	1.4	59
21	Percutaneous Biopsies of the Thoracic Spine under CT Guidance. <i>Journal of Computer Assisted Tomography</i> , 1990, 14, 446-448.	0.9	58
22	Water diffusion compartmentation at high b values in ischemic human brain. <i>American Journal of Neuroradiology</i> , 2004, 25, 692-8.	2.4	57
23	Giant Supratentorial Enterogenous Cyst: Report of a Case, Literature Review, and Discussion of Pathogenesis. <i>Neurosurgery</i> , 2004, 54, 759-763.	1.1	56
24	The Hand Motor Hotspot is not Always Located in the Hand Knob: A Neuronavigated Transcranial Magnetic Stimulation Study. <i>Brain Topography</i> , 2016, 29, 590-597.	1.8	56
25	Long-term follow-up of cognitive dysfunction in patients with aluminum hydroxide-induced macrophagic myofasciitis (MMF). <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1457-1463.	3.5	50
26	A cortical-subcortical syntax pathway linking Broca's area and the striatum. <i>Human Brain Mapping</i> , 2015, 36, 2270-2283.	3.6	47
27	Antiangiogenic Therapy Against Experimental Glioblastoma Using Genetically Engineered Cells Producing Interferon- β , Angiostatin, or Endostatin. <i>Human Gene Therapy</i> , 2003, 14, 883-895.	2.7	46
28	Tumor-simulating giant serpentine aneurysm of the posterior cerebral artery. <i>World Neurosurgery</i> , 1988, 29, 210-215.	1.3	38
29	A Technique for Stereotactic Aspiration of Deep Intracerebral Hematomas under Computed Tomographic Control Using a New Device. <i>Neurosurgery</i> , 1992, 31, 330-335.	1.1	37
30	Primary Sjögren's syndrome presenting as progressive parkinsonia syndrome. <i>Movement Disorders</i> , 1997, 12, 121-123.	3.9	37
31	An 8-y-old Boy with Acute Stroke and Radiological Signs of Cerebral Vasculitis after Recent <i>Mycoplasma pneumoniae</i> Infection. <i>Scandinavian Journal of Infectious Diseases</i> , 2002, 34, 307-309.	1.5	36
32	The role of the striatum in linguistic selection: Evidence from Huntington's disease and computational modeling. <i>Cortex</i> , 2018, 109, 189-204.	2.4	34
33	Sacral lipoma of the filum terminate with dural arteriovenous fistula. <i>Journal of Neurosurgery</i> , 1989, 71, 768-771.	1.6	33
34	Blood Flow Mimicking Aneurysmal Wall Enhancement: A Diagnostic Pitfall of Vessel Wall MRI Using the Postcontrast 3D Turbo Spin-Echo MR Imaging Sequence. <i>American Journal of Neuroradiology</i> , 2018, 39, 1065-1067.	2.4	32
35	Disruption of cigarette smoking addiction after posterior cingulate damage. <i>Journal of Neurosurgery</i> , 2010, 113, 1219-1221.	1.6	30
36	Post-contrast 3D T1-weighted TSE MR sequences (SPACE, CUBE, VISTA/BRAINVIEW, isoFSE, 3D MVOX): Technical aspects and clinical applications. <i>Journal of Neuroradiology</i> , 2020, 47, 358-368.	1.1	29

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37	Primary vasculitis of the central nervous system in patients infected with HIV in the HAART era. <i>Journal of Medical Virology</i> , 2009, 81, 578-581.	5.0	28
38	Embodied emotion impairment in Huntington's Disease. <i>Cortex</i> , 2017, 92, 44-56.	2.4	28
39	Orienting of spatial attention in Huntington's Disease. <i>Neuropsychologia</i> , 2008, 46, 1391-1400.	1.6	27
40	Giant gangliocytic paraganglioma of the filum terminale. <i>Journal of Neurosurgery</i> , 1990, 73, 459-461.	1.6	24
41	Reappraisal of the anatomical landmarks of motor and premotor cortical regions for image-guided brain navigation in TMS practice. <i>Human Brain Mapping</i> , 2014, 35, 2435-2447.	3.6	24
42	Metabolic Tumour Burden Measured by 18F-FDG PET/CT Predicts Malignant Transformation in Patients with Neurofibromatosis Type-1. <i>PLoS ONE</i> , 2016, 11, e0151809.	2.5	23
43	Dopamine transporter imaging under high-dose transdermal nicotine therapy in Parkinson's disease: an observational study. <i>Nuclear Medicine Communications</i> , 2009, 30, 513-518.	1.1	22
44	Assessing Accuracy of the Magnetic Resonance Imaging-Computed Tomography Fusion Images to Evaluate the Electrode Positions in Subthalamic Nucleus After Deep-Brain Stimulation. <i>Neurosurgery</i> , 2010, 66, 1193-1202.	1.1	21
45	Adenosine Triphosphate Metabolism Measured by Phosphorus Magnetic Resonance Spectroscopy: A Potential Biomarker for Multiple Sclerosis Severity. <i>European Neurology</i> , 2017, 77, 316-321.	1.4	21
46	Hyperdense CT Foci in Treated AIDS Toxoplasmosis Encephalitis. <i>Journal of Computer Assisted Tomography</i> , 1992, 16, 372-375.	0.9	19
47	Devic Disease With Brainstem Lesions. <i>Archives of Neurology</i> , 2006, 63, 591.	4.5	19
48	Absence of Efficacy of Everolimus in Neurofibromatosis 1-Related Plexiform Neurofibromas: Results from a Phase 2a Trial. <i>Journal of Investigative Dermatology</i> , 2019, 139, 718-720.	0.7	19
49	Unilateral thalamic stimulation safely improved fragile X-associated tremor ataxia: A case report. <i>Movement Disorders</i> , 2012, 27, 797-799.	3.9	18
50	Human Fetal Cell Therapy in Huntington's Disease: A Randomized, Multicenter, Phase III Trial. <i>Movement Disorders</i> , 2020, 35, 1323-1335.	3.9	16
51	Cortical Blindness during Chemotherapy. <i>Journal of Computer Assisted Tomography</i> , 1990, 14, 262-266.	0.9	15
52	Assessment of sympathetic nerve activity in the practice of lumbar sympathectomy: interest of sympathetic skin responses. <i>Journal of the Autonomic Nervous System</i> , 1996, 60, 56-60.	1.9	13
53	Comparison of In Vitro and In Vivo MRI of the Spine Using Parallel Imaging. <i>American Journal of Roentgenology</i> , 2004, 182, 749-755.	2.2	13
54	Reversible Vertebral Artery Stenosis following Corticotherapy in Giant Cell Arteritis. <i>European Neurology</i> , 2008, 59, 331-331.	1.4	13

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55	A novel FTL mutation responsible for neuroferritinopathy with asymmetric clinical features and brain anomalies. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 935-937.	2.2	13
56	Magnetic Resonance Imaging Assessment of Kidney Oxygenation and Perfusion During Sickle Cell Vaso-occlusive Crises. <i>American Journal of Kidney Diseases</i> , 2017, 69, 51-59.	1.9	13
57	Liver magnetic resonance diffusion weighted imaging: 2011 update. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2011, 35, 539-548.	1.5	12
58	Three-dimensional SPACE fluid-attenuated inversion recovery at 3 T to improve subthalamic nucleus lead placement for deep brain stimulation in Parkinson's disease: from preclinical to clinical studies. <i>Journal of Neurosurgery</i> , 2016, 125, 472-480.	1.6	11
59	Ruptured fusiform aneurysm of the superior third of the basilar artery associated with the absence of the midbasilar artery. <i>Journal of Neurosurgery</i> , 1996, 85, 961-965.	1.6	10
60	Cerebral fat embolism in sickle cell disease. <i>American Journal of Hematology</i> , 2020, 95, E41-E45.	4.1	10
61	Posterior cervical spinal cord infarction complicating the treatment of an intracranial dural arteriovenous fistula embolization. <i>Journal of Neurosurgery: Spine</i> , 2006, 5, 79-82.	1.7	8
62	MRI and Neurological Complications of Adult T-Cell Leukemia/Lymphoma. <i>Journal of Computer Assisted Tomography</i> , 1992, 16, 820-823.	0.9	7
63	Radiologic vignette. <i>Arthritis and Rheumatism</i> , 1995, 38, 559-564.	6.7	7
64	A reappraisal of long-latency abdominal muscle reflexes in patients with propriospinal myoclonus. <i>Movement Disorders</i> , 2011, 26, 1759-1762.	3.9	7
65	Time-of-flight angiography at 7T using TONE double spokes with parallel transmission. <i>Magnetic Resonance Imaging</i> , 2019, 61, 104-115.	1.8	6
66	Case Report: Multimodal Functional and Structural Evaluation Combining Pre-operative nTMS Mapping and Neuroimaging With Intraoperative CT-Scan and Brain Shift Correction for Brain Tumor Surgical Resection. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 646268.	2.0	6
67	Severe Obsessive-Compulsive Disorder Secondary to Neurodegeneration With Brain Iron Accumulation: Complete Remission After Subthalamic Nuclei Deep Brain Stimulation. <i>Biological Psychiatry</i> , 2020, 87, e39-e41.	1.3	2
68	Long Term Follow-Up of Pediatric SCD Patients with Abnormal High Velocities on Transcranial Doppler: Monocenter Experience in Creteil, France.. <i>Blood</i> , 2004, 104, 1656-1656.	1.4	2
69	Bilateral Thalamic Stimulation Induces Insomnia in Patients Treated for Intractable Tremor. <i>Sleep</i> , 2015, 38, 473-478.	1.1	1
70	Reply:. <i>American Journal of Neuroradiology</i> , 2018, 39, E119-E119.	2.4	0