

# Alain Ptito

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

3,006  
citations

270111

25  
h-index

299063

42  
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43  
all docs

43  
docs citations

43  
times ranked

3967  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atypical resting state functional connectivity in mild traumatic brain injury. <i>Brain and Behavior</i> , 2021, 11, e2261.	1.0	8
2	Noninvasive magnetic resonance imaging techniques in mild traumatic brain injury research and diagnosis. <i>Human Brain Mapping</i> , 2021, 42, 5477-5494.	1.9	21
3	Structural abnormalities in thalamo-prefrontal tracks revealed by high angular resolution diffusion imaging predict working memory scores in concussed children. <i>Brain Structure and Function</i> , 2020, 225, 441-459.	1.2	10
4	A Prospective, Multicenter Study to Assess the Safety and Efficacy of Translingual Neurostimulation Plus Physical Therapy for the Treatment of a Chronic Balance Deficit Due to Mild to Moderate Traumatic Brain Injury. <i>Neuromodulation</i> , 2020, , .	0.4	17
5	Changes in peri-calcarine cortical thickness in blindsight. <i>Neuropsychologia</i> , 2020, 143, 107463.	0.7	6
6	Functional reorganization of population receptive fields in a hemispherectomy patient with blindsight. <i>Neuropsychologia</i> , 2019, 128, 198-203.	0.7	9
7	Impact of non-invasive brain stimulation on transcallosal modulation in mild traumatic brain injury: a multimodal pilot investigation. <i>Brain Injury</i> , 2019, 33, 1021-1031.	0.6	11
8	Evaluating task-based brain network activity in pediatric subjects with an mTBI: mechanisms of functional compensation are symptom-level dependent. <i>Brain Injury</i> , 2019, 33, 383-393.	0.6	11
9	Development, implementation and assessment of a concussion education programme for high school student-athletes. <i>Journal of Sports Sciences</i> , 2018, 36, 48-55.	1.0	15
10	The impact of symptomatic mild traumatic brain injury on complex everyday activities and the link with alterations in cerebral functioning: Exploratory case studies. <i>Neuropsychological Rehabilitation</i> , 2017, 27, 871-890.	1.0	9
11	Noninvasive tongue stimulation combined with intensive cognitive and physical rehabilitation induces neuroplastic changes in patients with multiple sclerosis: A multimodal neuroimaging study. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2017, 3, 205521731769056.	0.5	25
12	Role of advanced neuroimaging, fluid biomarkers and genetic testing in the assessment of sport-related concussion: a systematic review. <i>British Journal of Sports Medicine</i> , 2017, 51, 919-929.	3.1	164
13	Microstructural Integrity of Hippocampal Subregions Is Impaired after Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1402-1411.	1.7	14
14	The superior colliculus is sensitive to gestalt-like stimulus configuration in hemispherectomy patients. <i>Cortex</i> , 2016, 81, 151-161.	1.1	45
15	Persistent Postconcussive Symptoms Are Accompanied by Decreased Functional Brain Oxygenation. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2015, 27, 287-298.	0.9	24
16	Navigational Memory Functional Magnetic Resonance Imaging: A Test for Concussion in Children. <i>Journal of Neurotrauma</i> , 2015, 32, 712-722.	1.7	23
17	A Functional Magnetic Resonance Imaging Study of Working Memory in Youth after Sports-Related Concussion: Is It Still Working?. <i>Journal of Neurotrauma</i> , 2014, 31, 437-451.	1.7	109
18	Imaging of Brain Strain in Youth Athletes with Mild Traumatic Brain Injury during Dual-Task Performance. <i>Journal of Neurotrauma</i> , 2014, 31, 1843-1859.	1.7	41

#	ARTICLE	IF	CITATIONS
19	Evaluating the cognitive consequences of mild traumatic brain injury and concussion by using electrophysiology. <i>Neurosurgical Focus</i> , 2012, 33, E7.	1.0	63
20	The Influence of Pain on Cerebral Functioning after Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2012, 29, 2625-2634.	1.7	17
21	Electrophysiology and Functional MRI in Post-Acute Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 329-341.	1.7	106
22	Superior Colliculi Involvement in Poststroke Unilateral Spatial Neglect: A Pilot Study. <i>Topics in Stroke Rehabilitation</i> , 2011, 18, 770-785.	1.0	3
23	Brain Functions After Sports-Related Concussion: Insights From Event-Related Potentials and Functional MRI. <i>Physician and Sportsmedicine</i> , 2010, 38, 27-37.	1.0	30
24	Blindsight Mediated by an S-Cone-independent Collicular Pathway: An fMRI Study in Hemispherectomized Subjects. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 670-682.	1.1	56
25	Increased dopamine release in the right anterior cingulate cortex during the performance of a sorting task: A [ <sup>11</sup> C]FLB 457 PET study. <i>NeuroImage</i> , 2009, 46, 516-521.	2.1	60
26	Theta burst stimulation-induced inhibition of dorsolateral prefrontal cortex reveals hemispheric asymmetry in striatal dopamine release during a set-shifting task – a TMS-[ <sup>11</sup> C]raclopride PET study. <i>European Journal of Neuroscience</i> , 2008, 28, 2147-2155.	1.2	166
27	Neural Substrates of Symptoms of Depression Following Concussion in Male Athletes With Persisting Postconcussion Symptoms. <i>Archives of General Psychiatry</i> , 2008, 65, 81.	13.8	237
28	Deficits in complex visual information processing after mild TBI: Electrophysiological markers and vocational outcome prognosis. <i>Brain Injury</i> , 2008, 22, 265-274.	0.6	53
29	Recovery From Mild Head Injury in Sports: Evidence From Serial Functional Magnetic Resonance Imaging Studies in Male Athletes. <i>Clinical Journal of Sport Medicine</i> , 2008, 18, 241-247.	0.9	95
30	The Connectivity of the Human Pulvinar: A Diffusion Tensor Imaging Tractography Study. <i>International Journal of Biomedical Imaging</i> , 2008, 2008, 1-5.	3.0	88
31	A validation of the post concussion symptom scale in the assessment of complex concussion using cognitive testing and functional MRI. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2007, 78, 1231-1238.	0.9	244
32	Neural Substrates of Blindsight After Hemispherectomy. <i>Neuroscientist</i> , 2007, 13, 506-518.	2.6	50
33	Fronto-striatal connections in the human brain: A probabilistic diffusion tractography study. <i>Neuroscience Letters</i> , 2007, 419, 113-118.	1.0	313
34	Contributions of functional Magnetic Resonance Imaging (fMRI) to sport concussion evaluation. <i>NeuroRehabilitation</i> , 2007, 22, 217-227.	0.5	99
35	Retrosplenial and hippocampal brain regions in human navigation: complementary functional contributions to the formation and use of cognitive maps. <i>European Journal of Neuroscience</i> , 2007, 25, 890-899.	1.2	237
36	Contributions of functional magnetic resonance imaging (fMRI) to sport concussion evaluation. <i>NeuroRehabilitation</i> , 2007, 22, 217-27.	0.5	38

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37	Absence of S-cone input in human blindsight following hemispherectomy. <i>European Journal of Neuroscience</i> , 2006, 24, 2954-2960.	1.2	66
38	Unconscious vision: new insights into the neuronal correlate of blindsight using diffusion tractography. <i>Brain</i> , 2006, 129, 1822-1832.	3.7	210
39	New Frontiers in Diagnostic Imaging in Concussive Head Injury. <i>Clinical Journal of Sport Medicine</i> , 2001, 11, 166-175.	0.9	101
40	A contemporary neurosurgical approach to sport-related head injury: the McGill concussion protocol11No competing interests declared.. <i>Journal of the American College of Surgeons</i> , 2001, 192, 515-524.	0.2	42
41	Somatosensory representation in patients who have undergone hemispherectomy: a functional magnetic resonance study imaging. <i>Journal of Neurosurgery</i> , 2000, 92, 45-51.	0.9	51
42	Reorganisation of the visual cortex in callosal agenesis and colpocephaly. <i>Journal of Clinical Neuroscience</i> , 2000, 7, 13-15.	0.8	17