

# Francois Bonnetblanc

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,767  
citations

331538

21  
h-index

276775

41  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1589  
citing authors

#	ARTICLE	IF	CITATIONS
1	Contrasting acute and slow-growing lesions: a new door to brain plasticity. <i>Brain</i> , 2006, 130, 898-914.	3.7	423
2	Inferring a dual-stream model of mentalizing from associative white matter fibres disconnection. <i>Brain</i> , 2014, 137, 944-959.	3.7	163
3	Recovery of functional connectivity of the sensorimotor network after surgery for diffuse low-grade gliomas involving the supplementary motor area. <i>Journal of Neurosurgery</i> , 2017, 126, 1181-1190.	0.9	106
4	Functional reorganization of the attentional networks in low-grade glioma patients: A longitudinal study. <i>Cortex</i> , 2015, 63, 27-41.	1.1	93
5	Is the right frontal cortex really crucial in the mentalizing network? A longitudinal study in patients with a slow-growing lesion. <i>Cortex</i> , 2013, 49, 2711-2727.	1.1	81
6	Interfering with the neural activity of mirror-related frontal areas impairs mentalistic inferences. <i>Brain Structure and Function</i> , 2015, 220, 2159-2169.	1.2	73
7	Disrupting posterior cingulate connectivity disconnects consciousness from the external environment. <i>Neuropsychologia</i> , 2014, 56, 239-244.	0.7	69
8	A disconnection account of subjective empathy impairments in diffuse low-grade glioma patients. <i>Neuropsychologia</i> , 2015, 70, 165-176.	0.7	67
9	Modular Control of Pointing beyond Arm's Length. <i>Journal of Neuroscience</i> , 2009, 29, 191-205.	1.7	62
10	Pointing to double-step visual stimuli from a standing position: very short latency (express) corrections are observed in upper and lower limbs and may not require cortical involvement. <i>Neuroscience</i> , 2010, 169, 697-705.	1.1	52
11	Pointing to a target from an upright standing position: anticipatory postural adjustments are modulated by the size of the target in humans. <i>Neuroscience Letters</i> , 2004, 358, 181-184.	1.0	42
12	Cognitive demands impair postural control in developmental dyslexia: A negative effect that can be compensated. <i>Neuroscience Letters</i> , 2009, 462, 125-129.	1.0	37
13	Delayed postural control during self-generated perturbations in the frail older adults. <i>Clinical Interventions in Aging</i> , 2012, 7, 65.	1.3	34
14	Network-level causal analysis of set-shifting during trail making test part B: A multimodal analysis of a glioma surgery case. <i>Cortex</i> , 2020, 132, 238-249.	1.1	33
15	Integration of proprioceptive signals and attentional capacity during postural control are impaired but subject to improvement in dyslexic children. <i>Experimental Brain Research</i> , 2011, 209, 599-608.	0.7	30
16	Catching falling objects: the role of the cerebellum in processing sensory-motor errors that may influence updating of feedforward commands. An fMRI study. <i>Neuroscience</i> , 2011, 190, 135-144.	1.1	27
17	The difference between electrical microstimulation and direct electrical stimulation towards new opportunities for innovative functional brain mapping?. <i>Reviews in the Neurosciences</i> , 2016, 27, 231-258.	1.4	25
18	Electrophysiological brain mapping: Basics of recording evoked potentials induced by electrical stimulation and its physiological spreading in the human brain. <i>Clinical Neurophysiology</i> , 2017, 128, 1886-1890.	0.7	25

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19	Motor-prediction improvements after virtual rehabilitation in geriatrics: Frail patients reveal different learning curves for movement and postural control. <i>Neurophysiologie Clinique</i> , 2014, 44, 109-118.	1.0	24
20	Practice-Related Improvements in Postural Control During Rapid Arm Movement in Older Adults: A Preliminary Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67A, 196-203.	1.7	23
21	Longitudinal Changes in Cerebellar and Thalamic Spontaneous Neuronal Activity After Wide-Awake Surgery of Brain Tumors: a Resting-State fMRI Study. <i>Cerebellum</i> , 2016, 15, 451-465.	1.4	23
22	Ultra-fast recovery from right neglect after "awake surgery"™ for slow-growing tumor invading the left parietal area. <i>Neurocase</i> , 2012, 18, 80-90.	0.2	22
23	On-line coordination in complex goal-directed movements: A matter of interactions between several loops. <i>Brain Research Bulletin</i> , 2012, 89, 57-64.	1.4	19
24	Muscular synergies during motor corrections: Investigation of the latencies of muscle activities. <i>Behavioural Brain Research</i> , 2010, 214, 428-436.	1.2	17
25	Equilibrium constraints do not affect the timing of muscular synergies during the initiation of a whole body reaching movement. <i>Experimental Brain Research</i> , 2010, 203, 147-158.	0.7	15
26	Asymmetries of bilateral isometric force matching with movement intention and unilateral fatigue. <i>Experimental Brain Research</i> , 2014, 232, 1699-1706.	0.7	13
27	Saccadic adaptation without retinal postsaccadic error. <i>NeuroReport</i> , 2007, 18, 1399-1402.	0.6	12
28	Left minineglect or inverse pseudoneglect in children with dyslexia?. <i>NeuroReport</i> , 2011, 22, 93-96.	0.6	12
29	Compensation of lateralized fatigue due to referent static positional signals in an ankle-matching task. <i>Neuroscience Letters</i> , 2006, 397, 115-119.	1.0	10
30	Space representation in children with dyslexia and children without dyslexia: Contribution of line bisection and circle centering tasks. <i>Research in Developmental Disabilities</i> , 2013, 34, 3997-4008.	1.2	10
31	Disrupting the right pars opercularis with electrical stimulation frees the song: case report. <i>Journal of Neurosurgery</i> , 2015, 123, 1401-1404.	0.9	10
32	"I do not feel my hand where I see it" : causal mapping of visuo-proprioceptive integration network in a surgical glioma patient. <i>Acta Neurochirurgica</i> , 2020, 162, 1949-1955.	0.9	9
33	Pointing to double-step visual stimuli from a standing position: motor corrections when the speed-accuracy trade-off is unexpectedly modified in-flight. A breakdown of the perception-action coupling. <i>Neuroscience</i> , 2011, 194, 124-135.	1.1	8
34	Electrophysiological Activity Evoked by Direct Electrical Stimulation of the Human Brain: Interest of the P0 Component*. , 2018, 2018, 2210-2213.		8
35	Manual reaction times and brain dynamics after "awake surgery"™ of slow-growing tumours invading the parietal area. A case report. <i>Brain Injury</i> , 2012, 26, 1750-1755.	0.6	7
36	Attenuation and Delay of Remote Potentials Evoked by Direct Electrical Stimulation During Brain Surgery. <i>Brain Topography</i> , 2020, 33, 143-148.	0.8	7

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37	Electrophysiological Mapping During Brain Tumor Surgery: Recording Cortical Potentials Evoked Locally, Subcortically and Remotely by Electrical Stimulation to Assess the Brain Connectivity On-line. <i>Brain Topography</i> , 2021, 34, 221-233.	0.8	7
38	Pointing beyond Reach: The Slope of Fitts's Law Increases with the Introduction of New Effectors Independently of Kinetic Constraints. <i>Motor Control</i> , 2008, 12, 38-54.	0.3	6
39	Patterns of axono-cortical evoked potentials: an electrophysiological signature unique to each white matter functional site?. <i>Acta Neurochirurgica</i> , 2021, 163, 3121-3130.	0.9	6
40	Inter-hemispheric remapping between arm proprioception and vision of the hand is disrupted by single pulse TMS on the left parietal cortex. <i>Brain and Cognition</i> , 2013, 82, 146-151.	0.8	5
41	A measure of cortico-cortical potentials evoked by 10Hz direct electrical stimulation of the brain and by means of a differential recording mode of electrocorticographic signals. , 2016, 2016, 4543-4546.		5
42	Parametric recurrence quantification analysis of autoregressive processes for pattern recognition in multichannel electroencephalographic data. <i>Pattern Recognition</i> , 2021, 109, 107572.	5.1	5
43	Balance control in aging: improvements in anticipatory postural adjustments and updating of internal models. <i>BMC Geriatrics</i> , 2015, 15, 162.	1.1	4
44	Axono-cortical evoked potentials as a new method of IONM for preserving the motor control network: a first study in three cases. <i>Acta Neurochirurgica</i> , 2021, 163, 919-935.	0.9	4
45	Asymmetric interhemispheric excitability evidenced by event-related potential amplitude patterns after wide-awake surgery of brain tumours. <i>Experimental Brain Research</i> , 2014, 232, 3907-3918.	0.7	3
46	Neurorehabilitation: From sensorimotor adaptation to motor learning, or the opposite?. <i>Clinical Neurophysiology</i> , 2014, 125, 1926-1927.	0.7	2
47	Case report: Remote neuromodulation with direct electrical stimulation of the brain, as evidenced by intra-operative EEG recordings during wide-awake neurosurgery. <i>Clinical Neurophysiology</i> , 2016, 127, 1752-1754.	0.7	2
48	Can loss of sensory attenuation be accurately demonstrated using two effectors simultaneously?. <i>Brain</i> , 2015, 138, e375-e375.	3.7	1
49	Alterations of EEG rhythms during motor preparation following awake brain surgery. <i>Brain and Cognition</i> , 2018, 125, 45-52.	0.8	1
50	Conflit vitesse-précision et loi de Fitts. <i>Science Et Motricite</i> , 2008, , 63-82.	0.3	1