

Genevieve Albouy

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76
papers

5,234
citations

38
h-index

72
g-index

88
ext. papers

6,240
ext. citations

5.8
avg, IF

5.04
L-index

#	Paper	IF	Citations
76	Connectivity in Large-Scale Resting-State Brain Networks Is Related to Motor Learning: A High-Density EEG Study. <i>Brain Sciences</i> , 2022 , 12, 530	3.4	
75	Prefrontal stimulation prior to motor sequence learning alters multivoxel patterns in the striatum and the hippocampus. <i>Scientific Reports</i> , 2021 , 11, 20572	4.9	0
74	Differential Effects of a Nap on Motor Sequence Learning-Related Functional Connectivity Between Young and Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 747358	5.3	0
73	Somatosensory Targeted Memory Reactivation Modulates Oscillatory Brain Activity but not Motor Memory Consolidation. <i>Neuroscience</i> , 2021 , 465, 203-218	3.9	1
72	Stress Modulates the Balance between Hippocampal and Motor Networks during Motor Memory Processing. <i>Cerebral Cortex</i> , 2021 , 31, 1365-1382	5.1	2
71	Hippocampal and striatal responses during motor learning are modulated by prefrontal cortex stimulation. <i>NeuroImage</i> , 2021 , 237, 118158	7.9	3
70	A role for GABA in the modulation of striatal and hippocampal systems under stress. <i>Communications Biology</i> , 2021 , 4, 1033	6.7	0
69	The role of the PMd in task complexity: functional connectivity is modulated by motor learning and age. <i>Neurobiology of Aging</i> , 2020 , 92, 12-27	5.6	2
68	Baseline sensorimotor GABA levels shape neuroplastic processes induced by motor learning in older adults. <i>Human Brain Mapping</i> , 2020 , 41, 3680-3695	5.9	10
67	Lateralized effects of post-learning transcranial direct current stimulation on motor memory consolidation in older adults: An fMRI investigation. <i>NeuroImage</i> , 2020 , 223, 117323	7.9	7
66	Movement errors during skilled motor performance engage distinct prediction error mechanisms. <i>Communications Biology</i> , 2020 , 3, 763	6.7	2
65	Susceptibility of consolidated procedural memory to interference is independent of its active task-based retrieval. <i>PLoS ONE</i> , 2019 , 14, e0210876	3.7	2
64	Schema and Motor-Memory Consolidation. <i>Psychological Science</i> , 2019 , 30, 963-978	7.9	5
63	Differences in brain processing of proprioception related to postural control in patients with recurrent non-specific low back pain and healthy controls. <i>NeuroImage: Clinical</i> , 2019 , 23, 101881	5.3	10
62	Cortical reactivations during sleep spindles following declarative learning. <i>NeuroImage</i> , 2019 , 195, 104-112	7.9	17
61	Weaker Inter-hemispheric and Local Functional Connectivity of the Somatomotor Cortex During a Motor Skill Acquisition Is Associated With Better Learning. <i>Frontiers in Neurology</i> , 2019 , 10, 1242	4.1	4
60	Glucocorticoid response to stress induction prior to learning is negatively related to subsequent motor memory consolidation. <i>Neurobiology of Learning and Memory</i> , 2019 , 158, 32-41	3.1	10

59	Challenge to Promote Change: The Neural Basis of the Contextual Interference Effect in Young and Older Adults. <i>Journal of Neuroscience</i> , 2018 , 38, 3333-3345	6.6	17
58	Age-Related Declines in Motor Performance are Associated With Decreased Segregation of Large-Scale Resting State Brain Networks. <i>Cerebral Cortex</i> , 2018 , 28, 4390-4402	5.1	73
57	Light modulates oscillatory alpha activity in the occipital cortex of totally visually blind individuals with intact non-image-forming photoreception. <i>Scientific Reports</i> , 2018 , 8, 16968	4.9	9
56	How visual experience impacts the internal and external spatial mapping of sensorimotor functions. <i>Scientific Reports</i> , 2017 , 7, 1022	4.9	23
55	Sleeping on the motor engram: The multifaceted nature of sleep-related motor memory consolidation. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 80, 1-22	9	92
54	Taking the brakes off the learning curve. <i>Human Brain Mapping</i> , 2017 , 38, 1676-1691	5.9	10
53	Re-stepping into the same river: competition problem rather than a reconsolidation failure in an established motor skill. <i>Scientific Reports</i> , 2017 , 7, 9406	4.9	9
52	Reactivation or transformation? Motor memory consolidation associated with cerebral activation time-locked to sleep spindles. <i>PLoS ONE</i> , 2017 , 12, e0174755	3.7	44
51	Cerebral Activation During Initial Motor Learning Forecasts Subsequent Sleep-Facilitated Memory Consolidation in Older Adults. <i>Cerebral Cortex</i> , 2017 , 27, 1588-1601	5.1	27
50	Relative cortico-subcortical shift in brain activity but preserved training-induced neural modulation in older adults during bimanual motor learning. <i>Neurobiology of Aging</i> , 2017 , 58, 54-67	5.6	27
49	Movement preparation and execution: differential functional activation patterns after traumatic brain injury. <i>Brain</i> , 2016 , 139, 2469-85	11.2	14
48	Sleep quality influences subsequent motor skill acquisition. <i>Behavioral Neuroscience</i> , 2016 , 130, 290-7	2.1	12
47	Cerebral Activity Associated with Transient Sleep-Facilitated Reduction in Motor Memory Vulnerability to Interference. <i>Scientific Reports</i> , 2016 , 6, 34948	4.9	10
46	NREM2 and Sleep Spindles Are Instrumental to the Consolidation of Motor Sequence Memories. <i>PLoS Biology</i> , 2016 , 14, e1002429	9.7	75
45	Influence of aerobic exercise training on the neural correlates of motor learning in Parkinson's disease individuals. <i>NeuroImage: Clinical</i> , 2016 , 12, 559-569	5.3	46
44	Impact of the resolution of brain parcels on connectome-wide association studies in fMRI. <i>NeuroImage</i> , 2015 , 123, 212-28	7.9	31
43	Tracking the evolution of crossmodal plasticity and visual functions before and after sight restoration. <i>Journal of Neurophysiology</i> , 2015 , 113, 1727-42	3.2	17
42	Maintaining vs. enhancing motor sequence memories: respective roles of striatal and hippocampal systems. <i>NeuroImage</i> , 2015 , 108, 423-34	7.9	93

41	Memory reactivation during rapid eye movement sleep promotes its generalization and integration in cortical stores. <i>Sleep</i> , 2014 , 37, 1061-75, 1075A-1075B	1.1	61
40	Aging reduces the stimulating effect of blue light on cognitive brain functions. <i>Sleep</i> , 2014 , 37, 85-96	1.1	34
39	fMRI and sleep correlates of the age-related impairment in motor memory consolidation. <i>Human Brain Mapping</i> , 2014 , 35, 3625-45	5.9	91
38	Consolidation through the looking-glass: sleep-dependent proactive interference on visuomotor adaptation in children. <i>Journal of Sleep Research</i> , 2014 , 23, 44-52	5.8	10
37	Striatal and hippocampal involvement in motor sequence chunking depends on the learning strategy. <i>PLoS ONE</i> , 2014 , 9, e103885	3.7	22
36	Blue light stimulates cognitive brain activity in visually blind individuals. <i>Journal of Cognitive Neuroscience</i> , 2013 , 25, 2072-85	3.1	71
35	Hippocampus and striatum: dynamics and interaction during acquisition and sleep-related motor sequence memory consolidation. <i>Hippocampus</i> , 2013 , 23, 985-1004	3.5	152
34	The two sides of pain communication: effects of pain expressiveness on vicarious brain responses revealed in chronic back pain patients. <i>Journal of Pain</i> , 2013 , 14, 1407-15	5.2	5
33	The impact of visual perceptual learning on sleep and local slow-wave initiation. <i>Journal of Neuroscience</i> , 2013 , 33, 3323-31	6.6	39
32	The stress model of chronic pain: evidence from basal cortisol and hippocampal structure and function in humans. <i>Brain</i> , 2013 , 136, 815-27	11.2	166
31	Impact of blindness onset on the functional organization and the connectivity of the occipital cortex. <i>Brain</i> , 2013 , 136, 2769-83	11.2	146
30	Acute stress contributes to individual differences in pain and pain-related brain activity in healthy and chronic pain patients. <i>Journal of Neuroscience</i> , 2013 , 33, 6826-33	6.6	68
29	Sleep stabilizes visuomotor adaptation memory: a functional magnetic resonance imaging study. <i>Journal of Sleep Research</i> , 2013 , 22, 144-54	5.8	22
28	Daytime sleep enhances consolidation of the spatial but not motoric representation of motor sequence memory. <i>PLoS ONE</i> , 2013 , 8, e52805	3.7	81
27	Interaction between hippocampal and striatal systems predicts subsequent consolidation of motor sequence memory. <i>PLoS ONE</i> , 2013 , 8, e59490	3.7	83
26	Neural correlates of the age-related changes in motor sequence learning and motor adaptation in older adults. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 142	3.3	115
25	Neural correlates of performance variability during motor sequence acquisition. <i>NeuroImage</i> , 2012 , 60, 324-31	7.9	52
24	Neural processing of sensory and emotional-communicative information associated with the perception of vicarious pain. <i>NeuroImage</i> , 2012 , 63, 54-62	7.9	54

23	The Fate of Incoming Stimuli during NREM Sleep is Determined by Spindles and the Phase of the Slow Oscillation. <i>Frontiers in Neurology</i> , 2012 , 3, 40	4.1	101
22	Neural precursors of delayed insight. <i>Journal of Cognitive Neuroscience</i> , 2011 , 23, 1900-10	3.1	40
21	Functional specialization for auditory-spatial processing in the occipital cortex of congenitally blind humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 4435-40	11.5	217
20	The multifaceted nature of the relationship between performance and brain activity in motor sequence learning. <i>NeuroImage</i> , 2010 , 49, 694-702	7.9	76
19	Sleep promotes the neural reorganization of remote emotional memory. <i>Journal of Neuroscience</i> , 2009 , 29, 5143-52	6.6	173
18	Abnormal neural filtering of irrelevant visual information in depression. <i>Journal of Neuroscience</i> , 2009 , 29, 1395-403	6.6	100
17	Both the hippocampus and striatum are involved in consolidation of motor sequence memory. <i>Neuron</i> , 2008 , 58, 261-72	13.9	296
16	Spontaneous neural activity during human slow wave sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 15160-5	11.5	303
15	Sleep modulates the neural substrates of both spatial and contextual memory consolidation. <i>PLoS ONE</i> , 2008 , 3, e2949	3.7	47
14	Brain responses to violet, blue, and green monochromatic light exposures in humans: prominent role of blue light and the brainstem. <i>PLoS ONE</i> , 2007 , 2, e1247	3.7	158
13	Hemodynamic cerebral correlates of sleep spindles during human non-rapid eye movement sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 13164-9	11.5	361
12	Sleep-related hippocampo-cortical interplay during emotional memory recollection. <i>PLoS Biology</i> , 2007 , 5, e282	9.7	199
11	Wavelength-dependent modulation of brain responses to a working memory task by daytime light exposure. <i>Cerebral Cortex</i> , 2007 , 17, 2788-95	5.1	172
10	Sleep transforms the cerebral trace of declarative memories. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 18778-83	11.5	286
9	Daytime light exposure dynamically enhances brain responses. <i>Current Biology</i> , 2006 , 16, 1616-21	6.3	188
8	Implicit oculomotor sequence learning in humans: Time course of offline processing. <i>Brain Research</i> , 2006 , 1090, 163-71	3.7	55
7	The locus ceruleus is involved in the successful retrieval of emotional memories in humans. <i>Journal of Neuroscience</i> , 2006 , 26, 7416-23	6.6	177
6	The left intraparietal sulcus and verbal short-term memory: focus of attention or serial order?. <i>NeuroImage</i> , 2006 , 32, 880-91	7.9	112

5	Human cognition during REM sleep and the activity profile within frontal and parietal cortices: a reappraisal of functional neuroimaging data. <i>Progress in Brain Research</i> , 2005 , 150, 219-27	2.9	164
4	BRAIN IMAGING ON PASSING TO SLEEP 2005 , 123-137		3
3	Dreaming: a neuroimaging view. <i>Swiss Archives of Neurology, Psychiatry and Psychotherapy</i> , 2005 , 156, 415-425		11
2	Hippocampal and striatal responses during motor learning are modulated by prefrontal cortex stimulation		1
1	Persistence of Hippocampal and Striatal Multivoxel Patterns during Awake Rest after Motor Sequence Learning		2