

# Jeremie Gaveau

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1833786/publications.pdf>

Version: 2024-02-01

18  
papers

447  
citations

840119

11  
h-index

887659

17  
g-index

27  
all docs

27  
docs citations

27  
times ranked

261  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direction-dependent arm kinematics reveal optimal integration of gravity cues. <i>ELife</i> , 2016, 5, .	2.8	64
2	Energy-related optimal control accounts for gravitational load: comparing shoulder, elbow, and wrist rotations. <i>Journal of Neurophysiology</i> , 2014, 111, 4-16.	0.9	60
3	The Temporal Structure of Vertical Arm Movements. <i>PLoS ONE</i> , 2011, 6, e22045.	1.1	48
4	Sensorimotor adaptation of point-to-point arm movements after spaceflight: the role of internal representation of gravity force in trajectory planning. <i>Journal of Neurophysiology</i> , 2011, 106, 620-629.	0.9	45
5	The gravitational imprint on sensorimotor planning and control. <i>Journal of Neurophysiology</i> , 2020, 124, 4-19.	0.9	38
6	An acute session of motor imagery training induces use-dependent plasticity. <i>Scientific Reports</i> , 2019, 9, 20002.	1.6	28
7	A cross-species neural integration of gravity for motor optimization. <i>Science Advances</i> , 2021, 7, .	4.7	28
8	Studies using pharmacological blockade of muscle afferents provide new insights into the neurophysiology of perceived exertion. <i>Journal of Physiology</i> , 2016, 594, 5049-5051.	1.3	20
9	Optimality and Modularity in Human Movement: From Optimal Control to Muscle Synergies. <i>Springer Tracts in Advanced Robotics</i> , 2019, , 105-133.	0.3	20
10	Deterioration, Compensation and Motor Control Processes in Healthy Aging, Mild Cognitive Impairment and Alzheimer's Disease. <i>Geriatrics (Switzerland)</i> , 2021, 6, 33.	0.6	17
11	Prism adaptation by mental practice. <i>Cortex</i> , 2013, 49, 2249-2259.	1.1	16
12	Initial information prior to movement onset influences kinematics of upward arm pointing movements. <i>Journal of Neurophysiology</i> , 2016, 116, 1673-1683.	0.9	15
13	Motor Planning of Vertical Arm Movements in Healthy Older Adults: Does Effort Minimization Persist With Aging?. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 37.	1.7	11
14	Muscle effort is best minimized by the right-dominant arm in the gravity field. <i>Journal of Neurophysiology</i> , 2022, 127, 1117-1126.	0.9	10
15	Movement detection thresholds reveal proprioceptive impairments in developmental dyslexia. <i>Scientific Reports</i> , 2021, 11, 299.	1.6	7
16	Pain, No Gain: Acute Pain Interrupts Motor Imagery Processes and Affects Mental Training-Induced Plasticity. <i>Cerebral Cortex</i> , 2022, 32, 640-651.	1.6	5
17	Smoothness Discriminates Physical from Motor Imagery Practice of Arm Reaching Movements. <i>Neuroscience</i> , 2022, 483, 24-31.	1.1	5
18	Musculature à haute intensité et paralysie cérébrale: utopie ou révolution?. <i>Motricite Cerebrale</i> , 2019, 40, 30-41.	0.1	0