Daichi Nozaki

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3036281/publications.pdf

Version: 2024-02-01

79 papers	3,303 citations	172457 29 h-index	155660 55 g-index
84 all docs	84 docs citations	84 times ranked	2617 citing authors

#	Article	IF	Citations
1	Motor imagery helps updating internal models during microgravity exposure. Journal of Neurophysiology, 2022, , .	1.8	3
2	The unconscious mental inhibiting process of human maximal voluntary contraction. Psychological Research, 2021, , 1.	1.7	0
3	Shouting strengthens maximal voluntary force and is associated with augmented pupillary dilation. Scientific Reports, 2021, 11, 18419.	3.3	3
4	Effects of Local Gravity Compensation on Motor Control During Altered Environmental Gravity. Frontiers in Neural Circuits, 2021, 15, 750267.	2.8	3
5	Effects of Simulated Microgravity and Hypergravity Conditions on Arm Movements in Normogravity. Frontiers in Neural Circuits, 2021, 15, 750176.	2.8	3
6	Cosine tuning determines plantarflexors' activities during human upright standing and is affected by incomplete spinal cord injury. Journal of Neurophysiology, 2020, 123, 2343-2354.	1.8	4
7	Divisively Normalized Integration of Multisensory Error Information Develops Motor Memories Specific to Vision and Proprioception. Journal of Neuroscience, 2020, 40, 1560-1570.	3.6	21
8	â€œParalympic Brainâ€: Compensation and Reorganization of a Damaged Human Brain with Intensive Physical Training. Sports, 2020, 8, 46.	1.7	2
9	Individuals physically interacting in a group rapidly coordinate their movement by estimating the collective goal. ELife, 2019, 8, .	6.0	26
10	Motivational goal-priming with or without awareness produces faster and stronger force exertion. Scientific Reports, 2018, 8, 10135.	3.3	10
11	Motor learning of arm reaching movement in redundant musculoskeletal system. The Proceedings of the Symposium on Sports and Human Dynamics, 2018, 2018, A-26.	0.0	0
12	Pupil dilations induced by barely conscious reward goal-priming. Neuropsychologia, 2017, 103, 69-76.	1.6	11
13	Improving a Bimanual Motor Skill Through Unimanual Training. Frontiers in Integrative Neuroscience, 2016, 10, 25.	2.1	6
14	Visuomotor Map Determines How Visually Guided Reaching Movements are Corrected Within and Across Trials. ENeuro, 2016, 3, ENEURO.0032-16.2016.	1.9	24
15	Tagging motor memories with transcranial direct current stimulation allows later artificially-controlled retrieval. ELife, 2016, 5, .	6.0	21
16	Context-Dependent Human Motor Memories: Function, Implementation, and Manipulation. Advances in Cognitive Neurodynamics, 2016, , 75-78.	0.1	0
17	Prospective errors determine motor learning. Nature Communications, 2015, 6, 5925.	12.8	56
18	Learning feedback and feedforward control in a mirror-reversed visual environment. Journal of Neurophysiology, 2015, 114, 2187-2193.	1.8	34

#	Article	IF	Citations
19	Context-Dependent Formation and Retrieval of Human Motor Memories. , 2015, , 303-314.		0
20	Left-right Asymmetry in the Motor System. The Brain & Neural Networks, 2015, 22, 16-29.	0.1	0
21	Functional Modulation of Corticospinal Excitability with Adaptation of Wrist Movements to Novel Dynamical Environments. Journal of Neuroscience, 2014, 34, 12415-12424.	3.6	15
22	Hypnotic suggestion alters the state of the motor cortex. Neuroscience Research, 2014, 85, 28-32.	1.9	15
23	Lateralized Sensitivity of Motor Memories to the Kinematics of the Opposite Arm Reveals Functional Specialization during Bimanual Actions. Journal of Neuroscience, 2014, 34, 9141-9151.	3.6	23
24	Anti-phase action between the angular accelerations of trunk and leg is reduced in the elderly. Gait and Posture, 2014, 40, 107-112.	1.4	21
25	Precursors of Dancing and Singing to Music in Three- to Four-Months-Old Infants. PLoS ONE, 2014, 9, e97680.	2.5	65
26	Maximal Voluntary Force Strengthened by the Enhancement of Motor System State through Barely Visible Priming Words with Reward. PLoS ONE, 2014, 9, e109422.	2.5	23
27	Neural Mechanisms Underlying Stop-and-Restart Difficulties: Involvement of the Motor and Perceptual Systems. PLoS ONE, 2013, 8, e82272.	2.5	4
28	Long-latency TMS-evoked potentials during motor execution and inhibition. Frontiers in Human Neuroscience, 2013, 7, 751.	2.0	11
29	Simultaneous Processing of Information on Multiple Errors in Visuomotor Learning. PLoS ONE, 2013, 8, e72741.	2.5	27
30	Learning with Slight Forgetting Optimizes Sensorimotor Transformation in Redundant Motor Systems. PLoS Computational Biology, 2012, 8, e1002590.	3.2	20
31	Intermittent Visual Feedback Can Boost Motor Learning of Rhythmic Movements: Evidence for Error Feedback Beyond Cycles. Journal of Neuroscience, 2012, 32, 653-657.	3.6	25
32	Adaptation to Visual Feedback Delay Influences Visuomotor Learning. PLoS ONE, 2012, 7, e37900.	2.5	71
33	Habituation to Feedback Delay Restores Degraded Visuomotor Adaptation by Altering Both Sensory Prediction Error and the Sensitivity of Adaptation to the Error. Frontiers in Psychology, 2012, 3, 540.	2.1	21
34	Distinct Motor Plans Form and Retrieve Distinct Motor Memories for Physically Identical Movements. Current Biology, 2012, 22, 432-436.	3.9	125
35	Cross talk in implicit assignment of error information during bimanual visuomotor learning. Journal of Neurophysiology, 2011, 106, 1218-1226.	1.8	22
36	Gain Field Encoding of the Kinematics of Both Arms in the Internal Model Enables Flexible Bimanual Action. Journal of Neuroscience, 2011, 31, 17058-17068.	3.6	56

#	Article	IF	Citations
37	How does stochastic resonance work within the human brain? â€“ Psychophysics of internal and external noise. Chemical Physics, 2010, 375, 616-624.	1.9	44
38	Temporal correlations in center of body mass fluctuations during standing and walking. Human Movement Science, 2010, 29, 556-566.	1.4	9
39	The â€œCutaneous Rabbitâ€•Hopping out of the Body. Journal of Neuroscience, 2010, 30, 1856-1860.	3.6	89
40	A generalized method to estimate waveforms common across trials from EEGs. NeuroImage, 2010, 51, 629-641.	4.2	11
41	Asymmetric Transfer of Visuomotor Learning between Discrete and Rhythmic Movements. Journal of Neuroscience, 2010, 30, 4515-4521.	3.6	62
42	Multi-compartment model can explain partial transfer of learning within the same limb between unimanual and bimanual reaching. Experimental Brain Research, 2009, 194, 451-463.	1.5	47
43	Torque Interaction among Adjacent Joints due to the Action of Biarticular Muscles. Medicine and Science in Sports and Exercise, 2009, 41, 205-209.	0.4	5
44	Internal noise determines external stochastic resonance in visual perception. Vision Research, 2008, 48, 1569-1573.	1.4	49
45	Extracting a stimulus-unlocked component from EEG during NoGo trials of a Go/NoGo task. NeuroImage, 2008, 41, 777-788.	4.2	3
46	Shaping Appropriate Locomotive Motor Output Through Interlimb Neural Pathway Within Spinal Cord in Humans. Journal of Neurophysiology, 2008, 99, 2946-2955.	1.8	88
47	Bayesian Adaptive Estimation of Psychometric Functions in Noisy Environments. AIP Conference Proceedings, 2007, , .	0.4	0
48	Noise-induced large-scale phase synchronization of human-brain activity associated with behavioural stochastic resonance. Europhysics Letters, 2007, 80, 40009.	2.0	58
49	Force overestimation during tourniquet-induced transient occlusion of the brachial artery and possible underlying neural mechanisms. Neuroscience Research, 2006, 54, 38-42.	1.9	17
50	Limited transfer of learning between unimanual and bimanual skills within the same limb. Nature Neuroscience, 2006, 9, 1364-1366.	14.8	178
51	Alternate Leg Movement Amplifies Locomotor-Like Muscle Activity in Spinal Cord Injured Persons. Journal of Neurophysiology, 2005, 93, 777-785.	1.8	68
52	Muscle Activity Determined by Cosine Tuning With a Nontrivial Preferred Direction During Isometric Force Exertion by Lower Limb. Journal of Neurophysiology, 2005, 93, 2614-2624.	1.8	46
53	Uncertainty of knee joint muscle activity during knee joint torque exertion: the significance of controlling adjacent joint torque. Journal of Applied Physiology, 2005, 99, 1093-1103.	2.5	14
54	Testing Bayesian Models of Human Coincidence Timing. Journal of Neurophysiology, 2005, 94, 395-399.	1.8	108

#	Article	IF	Citations
55	Functional Roles of Noise and Fluctuations in the Human Brain. AIP Conference Proceedings, 2005, , .	0.4	1
56	é™æ¢ç«‹ä½¿ã®è°«ä½“å‹•æ§ãƒ‡ãƒ¼ã‚¿ã•ã‚‰æ™‚,é–“çš„ãƒ»ç©ºé–“çš„ãƒ‘ã‚¿ãƒ¼ãƒ³ã‚’æŠ½å‡ºã™ã‚‹. The Japanese Journal of Rehabil		
57	Stretch reflex excitability of the anti-gravity ankle extensor muscle in elderly humans. Acta Physiologica Scandinavica, 2004, 180, 99-105.	2.2	30
58	Effects of loading and unloading of lower limb joints on the soleus H-reflex in standing humans. Clinical Neurophysiology, 2004, 115, 1296-1304.	1.5	49
59	Behavioral stochastic resonance associated with large-scale synchronization of human brain activity. , 2004, 5467, 359.		5
60	Somatosensory graviception inhibits soleus H-reflex during erect posture in humans as revealed by parabolic flight experiment. Experimental Brain Research, 2003, 150, 109-113.	1.5	47
61	Hysteresis in corticospinal excitability during gradual muscle contraction and relaxation in humans. Experimental Brain Research, 2003, 152, 123-132.	1.5	28
62	Importance of Body Sway Velocity Information in Controlling Ankle Extensor Activities During Quiet Stance. Journal of Neurophysiology, 2003, 90, 3774-3782.	1.8	274
63	Behavioral Stochastic Resonance within the Human Brain. Physical Review Letters, 2003, 90, 218103.	7.8	165
64	Facilitation of both stretch reflex and corticospinal pathways of the tibialis anterior muscle during standing in humans. Neuroscience Letters, 2003, 338, 53-56.	2.1	24
65	Gradual increment/decrement of isometric force modulates soleus stretch reflex response in humans. Neuroscience Letters, 2003, 347, 25-28.	2.1	7
66	1/fNoise Outperforms White Noise in Sensitizing Baroreflex Function in the Human Brain. Physical Review Letters, 2003, 91, 078101.	7.8	67
67	Behavioral stochastic resonance in the human brain. , 2003, 5110, 252.		1
68	Sustained Muscle Contractions Maintained by Autonomous Neuronal Activity Within the Human Spinal Cord. Journal of Neurophysiology, 2003, 90, 2090-2097.	1.8	25
69	Noise-Induced Sensitization of Human Brain: Toward the Neurological Application of Stochastic Resonance. AIP Conference Proceedings, 2003, , .	0.4	0
70	Human cortical activities during Go/NoGo tasks with opposite motor control paradigms. Experimental Brain Research, 2002, 142, 301-307.	1.5	62
71	Noise-induced sensitization of human brain. Physica A: Statistical Mechanics and Its Applications, 2002, 314, 53-60.	2.6	4
72	Reciprocal angular acceleration of the ankle and hip joints during quiet standing in humans. Experimental Brain Research, 2001, 136, 463-473.	1.5	108

#	Article	IF	Citations
73	Functional Stochastic Resonance in the Human Brain: Noise Induced Sensitization of Baroreflex System. Physical Review Letters, 2000, 85, 3740-3743.	7.8	140
74	Mechanism of stochastic resonance enhancement in neuronal models driven by1/fnoise. Physical Review E, 1999, 60, 4637-4644.	2.1	49
75	Effects of Colored Noise on Stochastic Resonance in Sensory Neurons. Physical Review Letters, 1999, 82, 2402-2405.	7.8	268
76	Enhancement of stochastic resonance in a FitzHugh-Nagumo neuronal model driven by colored noise. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 243, 281-287.	2.1	70
77	Specific tension of elbow flexor and extensor muscles based on magnetic resonance imaging. European Journal of Applied Physiology and Occupational Physiology, 1994, 68, 139-147.	1.2	121
78	Reliability of measurement of oxygen uptake by a portable telemetric system. European Journal of Applied Physiology and Occupational Physiology, 1992, 65, 409-414.	1.2	67
79	Fractal correlation in human H-reflex. Experimental Brain Research, 1990, 105, 402-10.	1.5	21