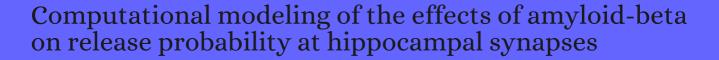
CITATION REPORT List of articles citing



DOI: 10.3389/fncom.2013.00001 Frontiers in Computational Neuroscience, 2013, 7, 1.

Source: https://exaly.com/paper-pdf/57222513/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
121	. 2013,		1
120	Probabilistic inference of short-term synaptic plasticity in neocortical microcircuits. <i>Frontiers in Computational Neuroscience</i> , 2013 , 7, 75	3.5	41
119	Computational study of the role of calcium in late long-term potentiation induction on the basis of tripartite synapse structure. 2014 ,		2
118	Encoding whisker deflection velocity within the rodent barrel cortex using phase-delayed inhibition. 2014 , 37, 387-401		5
117	Ganser-like syndrome after loss of psychic self-activation syndrome: psychogenic or organic?. 2014 , 29, 715-23		4
116	Emergence of biological complexity: Criticality, renewal and memory. 2015 , 81, 575-588		17
115	An automated controlled-rearing method for studying the origins of movement recognition in newly hatched chicks. 2015 , 18, 723-31		7
114	A Neural Network Embedded System for Real-time Estimation of Muscle Forces. 2015 , 51, 60-69		3
113	Adaptation of short-term plasticity parameters via error-driven learning may explain the correlation between activity-dependent synaptic properties, connectivity motifs and target specificity. <i>Frontiers in Computational Neuroscience</i> , 2014 , 8, 175	3.5	4
112	Recruitment of muscle synergies is associated with endpoint force fluctuations during multi-directional isometric contractions. 2015 , 233, 1811-23		6
111	A probabilistic method for determining cortical dynamics during seizures. 2015 , 38, 559-75		4
110	Computational Models of Closedfloop Deep Brain Stimulation. 2015 , 71-106		
109	Cost-efficient FPGA implementation of basal ganglia and their Parkinsonian analysis. 2015 , 71, 62-75		34
108	The Enactive Roots of STEM: Rethinking Educational Design in Mathematics. 2015 , 27, 371-389		42
107	Is First-Order Vector Autoregressive Model Optimal for fMRI Data?. 2015 , 27, 1857-71		8
106	A simple biophysically plausible model for long time constants in single neurons. 2015 , 25, 27-37		36
105	A new description of scapulothoracic motion during arm movements in healthy subjects. 2015 , 20, 46-5	55	14

104	Changes in muscle coordination patterns induced by exposure to a viscous force field. 2016 , 13, 58	6
103	Capturing intracellular Ca dynamics in computational models of neurodegenerative diseases. 2016 , 19, 37-42	3
102	Resting state functional magnetic resonance imaging processing techniques in stroke studies. 2016 , 27, 871-885	14
101	Emulating short-term synaptic dynamics with memristive devices. <i>Scientific Reports</i> , 2016 , 6, 18639 4.9	84
100	Stefano Rastelli: Discontinuity in Second Language Acquisition. The Switch between Statistical and Grammatical Learning 2016 , 37, 590-597	1
99	Estimate the Kinematics with EMG Signal Using Fuzzy Wavelet Neural Network for Biomechanical Leg Application. 2016 , 132-140	1
98	Two generalized algorithms measuring phase-amplitude cross-frequency coupling in neuronal oscillations network. 2016 , 10, 235-243	11
97	Connectome organization is related to longitudinal changes in general functioning, symptoms and IQ in chronic schizophrenia. 2016 , 173, 166-173	28
96	Functional connectivity between prefrontal cortex and striatum estimated by phase locking value. 2016 , 10, 245-54	8
95	Dynamic effective connectivity in cortically embedded systems of recurrently coupled synfire chains. 2016 , 40, 1-26	3
94	K-complexes, spindles, and ERPs as impulse responses: unification via neural field theory. 2017 , 111, 149-164	9
93	Does the Finger-to-Nose Test measure upper limb coordination in chronic stroke?. 2017 , 14, 6	21
92	Cognitive eloquence in neurosurgery: Insight from graph theoretical analysis of complex brain networks. 2017 , 98, 49-56	5
91	The Impact of Mathematical Modeling in Understanding the Mechanisms Underlying Neurodegeneration: Evolving Dimensions and Future Directions. 2017 , 6, 73-86	21
90	Muscle synergy extraction during arm reaching movements at different speeds. 2017, 25, 123-136	4
89	I, NEURON: the neuron as the collective. 2017 , 46, 1508-1526	
88	Echo State Networks for data-driven downhole pressure estimation in gas-lift oil wells. 2017 , 85, 106-117	39
87	Dual-layered oscillatory model for object detection and tracking. 2017 , 53, 1092-1094	

86	Synapses in neurodegenerative diseases. 2017 , 50, 237-246	45
85	The Hippocampus of Nonmammalian Vertebrates. 2017 , 479-489	5
84	Developmental trends of theta-beta interelectrode power correlation during resting state in normal children. 2018 , 12, 255-269	6
83	A Wearable High-Resolution Facial Electromyography for Long Term Recordings in Freely Behaving Humans. <i>Scientific Reports</i> , 2018 , 8, 2058 4-9	25
82	Sustained sensorimotor control as intermittent decisions about prediction errors: computational framework and application to ground vehicle steering. 2018 , 112, 181-207	27
81	Synaptic efficacy shapes resource limitations in working memory. 2018 , 44, 273-295	5
80	Statistical methods and challenges in connectome genetics. 2018 , 136, 83-86	5
79	Transmission of nanoscale information-based neural communication-aware ligandEeceptor interactions. 2018 , 30, 3509-3522	3
78	Reservoir computing for detection of steady state in performance tests of compressors. 2018 , 275, 598-607	6
77	Wearable artificial skin layer for the reconstruction of touched geometry by morphological computation. 2018 , 32, 1122-1134	5
76	Static hand posture classification based on the biceps brachii muscle synergy features. 2018, 43, 201-208	2
75	What Does Critical Period Research Reveal about Advanced L2 Proficiency?. 2018 , 51-71	2
74	Computational modeling and biomarker studies of pharmacological treatment of Alzheimer's disease (Review). 2018 , 18, 639-655	10
73	Next Generation Neural Mass Models. 2019 , 1-16	21
72	The processing of compound radial frequency patterns. 2019 , 161, 63-74	
71	Benefits of Additional Procedures for Metacarpophalangeal Hyperextension on Simple Trapeziectomy in Thumb Basal Osteoarthritis: A Biomechanical Cadaver Study. 2019 , 24, 153-160	O
70	Model-Based Inference of Synaptic Transmission. 2019 , 11, 21	7
69	Dynamic causal modelling of fluctuating connectivity in resting-state EEG. 2019 , 189, 476-484	22

(2021-2019)

68	Analysis of feedforward mechanisms of multiwhisker receptive field generation in a model of the rat barrel cortex. 2019 , 477, 51-62		1
67	Swaying slower reduces the destabilizing effects of a compliant surface on voluntary sway dynamics. 2019 , 14, e0226263		8
66	Perceptual Skill And Social Structure. 2019 , 99, 131-161		6
65	The role of working memory capacity in implicit and explicit sequence learning of children: Differentiating movement speed and accuracy. 2020 , 69, 102556		4
64	Evolutionary shifts dramatically reorganized the human hippocampal complex. 2020 , 528, 3143-3170		4
63	Using acoustic perception to water sounds in the planning of urban gardens. 2020 , 168, 106510		7
62	Development of trajectory and force controllers for 3-joint string-tube actuated finger prosthesis based on bond graph modeling. 2020 , 146, 103719		3
61	Trial-to-Trial Variability in Electrodermal Activity to Odor in Autism. 2020 , 13, 2083-2093		1
60	The Human Body as a Super Network: Digital Methods to Analyze the Propagation of Aging. 2020 , 12, 136		18
59	Equilibrium point-based control of muscle-driven anthropomorphic legs reveals modularity of human motor control during pedalling. 2020 , 34, 328-342		3
58	How does the CNS control arm reaching movements? Introducing a hierarchical nonlinear predictive control organization based on the idea of muscle synergies. 2020 , 15, e0228726		2
57	Changes in leg cycling muscle synergies after training augmented by functional electrical stimulation in subacute stroke survivors: a pilot study. 2020 , 17, 35		12
56	Biophysically grounded mean-field models of neural populations under electrical stimulation. <i>PLoS Computational Biology</i> , 2020 , 16, e1007822	5	11
55	Task Demand Changes Motor Control Strategies in Vertical Jumping. 2021 , 53, 471-482		2
54	A dynamical model for the basal ganglia-thalamo-cortical oscillatory activity and its implications in Parkinson's disease. 2021 , 15, 693-720		3
53	Active probing to highlight approaching transitions to ictal states in coupled neural mass models. <i>PLoS Computational Biology</i> , 2021 , 17, e1008377	5	1
52	Dissociation between two aspects of procedural learning in Tourette syndrome: Enhanced statistical and impaired sequence learning. 2021 , 27, 799-821		3
51	Can spatial filtering separate voluntary and involuntary components in children with dyskinetic cerebral palsy?. 2021 , 16, e0250001		О

50	Intrinsic Timescales Across the Basal Ganglia.		0
49	Bridging Scales in Alzheimer's Disease: Biological Framework for Brain Simulation With The Virtual Brain. 2021 , 15, 630172		1
48	Modeling Neurotransmission: Computational Tools to Investigate Neurological Disorders. 2021 , 22,		1
47	The Involvement of Insulin-Like Growth Factor 1 and Nerve Growth Factor in Alzheimer's Disease-Like Pathology and Survival Role of the Mix of Embryonic Proteoglycans: Electrophysiological Fingerprint, Structural Changes and Regulatory Effects on Neurotrophins.		2
46	Computational neuronal correlation with enhanced synchronized activity in the basal ganglia and the slowing of thalamic theta and alpha rhythms in Parkinson's disease. 2021 , 54, 5203-5223		2
45	A Brief Overview of the Human Somatosensory System. 2018 , 29-48		9
44	Musculoskeletal Modelling and the Physiome Project. 2018 , 123-174		5
43	Probabilistic description of infant head kinematics in abusive head trauma. 2017 , 20, 1633-1642		1
42	Anticipatory responses along motion trajectories in awake monkey area V1.		4
41	vmPFC drives hippocampal processing during autobiographical memory recall regardless of remoteness.		O
40	Interspecies variation of larval locomotion kinematics in the genus Drosophila and its relation to habitat temperature.		1
39	The effects of habits on motor skill learning.		1
38	Recording temporal data onto DNA with minutes resolution.		2
37	Functional synapse types via characterization of short-term synaptic plasticity.		4
36	Mental structures. 2021 , 55, 649-677		3
35	Muscle Synergies Modify Optimization Estimates of Joint Stiffness During Walking. 2020 , 142,		10
34	Lower Limb Assistive Device Design Optimization Using Musculoskeletal Modeling: A Review. 2019 , 13,		11
33	Neuromechanistic Model of Auditory Bistability. <i>PLoS Computational Biology</i> , 2015 , 11, e1004555	5	40

32	Low-dimensional spike rate models derived from networks of adaptive integrate-and-fire neurons: Comparison and implementation. <i>PLoS Computational Biology</i> , 2017 , 13, e1005545	5	33
31	From grid cells to place cells with realistic field sizes. 2017 , 12, e0181618		9
30	Optimization by Adaptive Stochastic Descent. 2018 , 13, e0192944		13
29	Brain energetics, mitochondria, and traumatic brain injury. 2020 , 31, 363-390		4
28	Encyclopedia of Computational Neuroscience. 2014 , 1-6		
27	Addendum. 2014 , 99-109		
26	Large Scale Brain Networks of Neural Fields. 2014 , 417-432		0
25	Conceptualizing Developmental Language Disorders: A Theoretical Framework Including the Role of the Cerebellum in Language-Related Functioning. 2016 , 223-256		
24	Encyclopedia of Computational Neuroscience. 2018 , 1-8		
23	Dynamic causal modelling of fluctuating connectivity in resting-state EEG.		Ο
22	Weak electric fields promote resonance in neuronal spiking activity: analytical results from two-compartment cell and network models.		1
21	Inability to improve performance with control shows limited access to inner states.		
20	Alzheimer Disease: Rhythms, Local Circuits, and Model-Experiment Interactions. <i>Springer Series in Cognitive and Neural Systems</i> , 2019 , 149-156	0.3	
19	In search of Universal Cortical Power Changes Linked to NMDA-Antagonist based Anesthetic Induced Reductions in Consciousness.		O
18	Effects of arm weight support on neuromuscular activation during reaching in chronic stroke patients.		
17	Intertrial Variability in Human Corticospinal Activity during Grasp Force Planning.		1
16	The role of the diencephalon in the guidance of thalamocortical axons in mice.		
15	Directed connectivity between primary and premotor areas underlying ankle force control in young and older adults.		

14	Do Muscle Synergies Improve Optimization Prediction of Muscle Activations During Gait?.		
13	Experts, but not novices, exhibit StartReact indicating experts use the reticulospinal system more than novices.		
12	A three-dimensional musculoskeletal model of the dog.		
11	How hot is the hot zone? Computational modelling clarifies the role of parietal and frontoparietal connectivity during anaesthetic-induced loss of consciousness.		O
10	Proximal and distal spinal neurons innervating multiple synergist and antagonist motor pools. <i>ELife</i> , 2021 , 10,	8.9	3
9	The spectrum of covariance matrices of randomly connected recurrent neuronal networks.		2
8	On the Nature of Functional Differentiation: The Role of Self-Organization with Constraints <i>Entropy</i> , 2022 , 24,	2.8	1
7	Individuals with Chronic Mild-to-Moderate Traumatic Brain Injury Exhibit Decreased Neuromuscular Complexity During Gait <i>Neurorehabilitation and Neural Repair</i> , 2022 , 15459683221081064	4.7	0
6	Extracting temporal relationships between weakly coupled peptidergic and motoneuronal signaling: Application to Drosophila ecdysis behavior <i>PLoS Computational Biology</i> , 2021 , 17, e1008933	5	
5	A low-dimensional representation of arm movements and hand grip forces in post-stroke individuals <i>Scientific Reports</i> , 2022 , 12, 7601	4.9	1
4	Calcium Dysregulation in Neurodegenerative Diseases. 2022 , 641-649		
3	Propagator, Axonal. 2022 , 2893-2897		
2	Analyzing of Alzheimer Disease Based on Biomedical and Socio-Economic Approach Using Molecular Communication, Artificial Neural Network, and Random Forest Models. <i>Sustainability</i> , 2022 , 14, 7901	3.6	0
1	Basal ganglia network dynamics and function: Role of direct, indirect and hyper-direct pathways in action selection. 2023 , 34, 84-121		O