CITATION REPORT List of articles citing

Motor thalamus integration of cortical, cerebellar and basal ganglia information: implications for normal and parkinsonian conditions

DOI: 10.3389/fncom.2013.00163 Frontiers in Computational Neuroscience, 2013, 7, 163.

Source: https://exaly.com/paper-pdf/57222658/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
185	Neuromodulatory adaptive combination of correlation-based learning in cerebellum and reward-based learning in basal ganglia for goal-directed behavior control. <i>Frontiers in Neural Circuits</i> , 2014 , 8, 126	3.5	15
184	Basal ganglia: physiological, behavioral, and computational studies. 2014 , 8, 150		7
183	Reduced reach-related modulation of motor thalamus neural activity in a rat model of Parkinson's disease. <i>Journal of Neuroscience</i> , 2014 , 34, 15836-50	6.6	27
182	Treatment of chronic pain: diffusion tensor imaging identification of the ventroposterolateral nucleus confirmed with successful deep brain stimulation. 2014 , 92, 365-71		16
181	Basal ganglia-thalamus and the "crowning enigma". Frontiers in Neural Circuits, 2015, 9, 71	3.5	10
180	Major remaining gaps in models of sensorimotor systems. <i>Frontiers in Computational Neuroscience</i> , 2015 , 9, 70	3.5	14
179	Differentiating SCT and inattentive symptoms in ADHD using fMRI measures of cognitive control. 2015 , 8, 390-7		35
178	Patterned, but not tonic, optogenetic stimulation in motor thalamus improves reaching in acute drug-induced Parkinsonian rats. <i>Journal of Neuroscience</i> , 2015 , 35, 1211-6	6.6	27
177	Striatal and thalamic GABA level concentrations play differential roles for the modulation of response selection processes by proprioceptive information. <i>NeuroImage</i> , 2015 , 120, 36-42	7.9	33
176	-NMDA R/+VDR pharmacological phenotype as a novel therapeutic target in relieving motor-cognitive impairments in Parkinsonism. 2015 , 38, 415-27		7
175	Thalamic Circuit Diversity: Modulation of the Driver/Modulator Framework. <i>Frontiers in Neural Circuits</i> , 2015 , 9, 86	3.5	44
174	Distinct and Overlapping Brain Areas Engaged during Value-Based, Mathematical, and Emotional Decision Processing. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 275	3.3	3
173	Striatal Circuits as a Common Node for Autism Pathophysiology. 2016 , 10, 27		125
172	Cerebellar Modulation of Cortically Evoked Complex Movements in Rats. 2017, 27, 3525-3541		5
171	Dynamic modulation of corticospinal excitability and short-latency afferent inhibition during onset and maintenance phase of selective finger movement. 2016 , 127, 2343-9		6
170	Anatomical localization of Cav3.1 calcium channels and electrophysiological effects of T-type calcium channel blockade in the motor thalamus of MPTP-treated monkeys. 2016 , 115, 470-85		17
169	Viral vector-based tools advance knowledge of basal ganglia anatomy and physiology. 2016 , 115, 2124	-46	15

(2018-2016)

168	CACNA1H missense mutations associated with amyotrophic lateral sclerosis alter Cav3.2 T-type calcium channel activity and reticular thalamic neuron firing. 2016 , 10, 466-77		19	
167	Cell-Type-Specific Control of Brainstem Locomotor Circuits by Basal Ganglia. 2016 , 164, 526-37		221	
166	Effects of Optogenetic Activation of Corticothalamic Terminals in the Motor Thalamus of Awake Monkeys. <i>Journal of Neuroscience</i> , 2016 , 36, 3519-30	6.6	45	
165	Basal ganglia and cerebellar interconnectivity within the human thalamus. 2017 , 222, 381-392		31	
164	The thalamus as a relay station and gatekeeper: relevance to brain disorders. 2017 , 28, 203-218		19	
163	Cerebellum and its Disorders. 2017 , 303-319			
162	Functional MRI signal fluctuations highlight altered resting brain activity in Huntington's disease. 2017 , 11, 1459-1469		5	
161	Directional communication during movement execution interferes with tremor in Parkinson's disease. 2018 , 33, 251-261		12	
160	Neuroinflammation in Huntington's Disease: New Insights with C-PBR28 PET/MRI. 2018 , 9, 2563-2571		36	
159	On the neuronal circuitry mediating L-DOPA-induced dyskinesia. 2018 , 125, 1157-1169		26	
158	Thalamostriatal and cerebellothalamic pathways in a songbird, the Bengalese finch. <i>Journal of Comparative Neurology</i> , 2018 , 526, 1550-1570	3.4	9	
157	Bio-plausible simulation of three monoamine systems to replicate emotional phenomena in a machine. 2018 , 26, 166-173		2	
156	Bio-plausible simulation of three monoamine systems to replicate emotional phenomena in a machine. 2018 , 145, 300-305			
155	Noninvasive Ultrasonic Drug Uncaging Maps Whole-Brain Functional Networks. 2018 , 100, 728-738.e7		36	
154	Oscillatory Activity in the Cortex, Motor Thalamus and Nucleus Reticularis Thalami in Acute TTX and Chronic 6-OHDA Dopamine-Depleted Animals. <i>Frontiers in Neurology</i> , 2018 , 9, 663	4.1	8	
153	Functional Diversity of Thalamic Reticular Subnetworks. 2018 , 12, 41		41	
152	The Anatomy of Inference: Generative Models and Brain Structure. <i>Frontiers in Computational Neuroscience</i> , 2018 , 12, 90	3.5	78	
151	MRI Markers and Functional Performance in Patients With CIS and MS: A Cross-Sectional Study. <i>Frontiers in Neurology</i> , 2018 , 9, 718	4.1	7	

150	Thalamocortical Axonal Activity in Motor Cortex Exhibits Layer-Specific Dynamics during Motor Learning. 2018 , 100, 244-258.e12	33
149	Distinct Populations of Motor Thalamic Neurons Encode Action Initiation, Action Selection, and Movement Vigor. <i>Journal of Neuroscience</i> , 2018 , 38, 6563-6573	20
148	Changes in sensorimotor-related thalamic diffusion properties and cerebrospinal fluid hydrodynamics predict gait responses to tap test in idiopathic normal-pressure hydrocephalus. 2018 , 28, 4504-4513	7
147	Altered thalamic glucose metabolism in cerebellar projections in Parkinson disease. 2018, 14, 1-7	
146	Anterolateral Motor Cortex Connects with a Medial Subdivision of Ventromedial Thalamus through Cell Type-Specific Circuits, Forming an Excitatory Thalamo-Cortico-Thalamic Loop via Layer 1 Apical 6.6 Tuft Dendrites of Layer 5B Pyramidal Tract Type Neurons. <i>Journal of Neuroscience</i> , 2018 , 38, 8787-8797	30
145	Neuroimaging perspectives on fetal motor behavior. 2018 , 92, 390-401	3
144	Controversies Surrounding the Pathophysiology of Tics. 2019 , 34, 851-862	14
143	Neurosensory stimulation outdoors enhances cognition recovery in cognitive motor dissociation: A prospective crossover study. 2019 , 44, 545-554	6
142	Altered Recruitment of Motor Cortex Neuronal Activity During the Grasping Phase of Skilled Reaching in a Chronic Rat Model of Unilateral Parkinsonism. <i>Journal of Neuroscience</i> , 2019 , 39, 9660-9672.6	10
141	Ventral tegmental area connections to motor and sensory cortical fields in humans. 2019 , 224, 2839-2855	18
140	Reconstruction of 1,000 Projection Neurons Reveals New Cell Types and Organization of Long-Range Connectivity in the Mouse Brain. 2019 , 179, 268-281.e13	167
139	Putting the "Sensory" Into Sensorimotor Control: The Role of Sensorimotor Integration in Goal-Directed Hand Movements After Stroke. 2019 , 13, 16	32
138	Modeling Psycho-Emotional States via Neurosimulation of Monoamine Neurotransmitters. 2019 , 127-156	2
137	The Cerebellar Thalamus. 2019 , 18, 635-648	13
136	Deep brain stimulation of the ventroanterior and ventrolateral thalamus improves motor function in a rat model of Parkinson's disease. <i>Experimental Neurology</i> , 2019 , 317, 155-167	6
135	Vascular Parkinsonism by Infarctions at Different Locations on 18F-FP-CIT PET/CT. 2019 , 44, e627-e628	3
134	Motor learning requires myelination to reduce asynchrony and spontaneity in neural activity. 2020 , 68, 193-210	24
133	Cerebral Cortical Activity Following Non-invasive Cerebellar Stimulation-a Systematic Review of Combined TMS and EEG Studies. 2020 , 19, 309-335	10

(2021-2020)

132	implications of the putamen in pain and motor deficits in complex regional pain syndrome. 2020 , 161, 595-608		10
131	Integrative and Network-Specific Connectivity of the Basal Ganglia and Thalamus Defined in Individuals. 2020 , 105, 742-758.e6		74
130	Functional topography of the thalamo-cortical system during development and its relation to cognition. <i>NeuroImage</i> , 2020 , 223, 117361	7.9	8
129	Neural activity during a simple reaching task in macaques is counter to gating and rebound in basal ganglia-thalamic communication. 2020 , 18, e3000829		6
128	Differential glutamatergic and GABAergic contributions to the tetrad effects of Etetrahydrocannabinol revealed by cell-type-specific reconstitution of the CB1 receptor. 2020 , 179, 108287		5
127	Optimal Control Perspective on Parkinson's Disease: Increased Delay Between State Estimator and Controller Produces Tremor. 2020 , 28, 2144-2152		
126	"Switchboard" malfunction in motor neuron diseases: Selective pathology of thalamic nuclei in amyotrophic lateral sclerosis and primary lateral sclerosis. 2020 , 27, 102300		23
125	Pramipexole Reduces zif-268 mRNA Expression in Brain Structures involved in the Generation of Harmaline-Induced Tremor. 2020 , 45, 1518-1525		1
124	Cell-Type-Specific Outcome Representation in the Primary Motor Cortex. 2020 , 107, 954-971.e9		13
123	The role of the diencephalon in the guidance of thalamocortical axons in mice. 2020 , 147,		1
122	Volume loss in the deep gray matter and thalamic subnuclei: a longitudinal study on disability progression in multiple sclerosis. 2020 , 267, 1536-1546		15
121	Real-time biofeedback integrated into neuromuscular training reduces high-risk knee biomechanics and increases functional brain connectivity: A preliminary longitudinal investigation. 2020 , 57, e13545		14
120	Inhibition of Excessive Glutamatergic Transmission in the Ventral Thalamic Nuclei by a Selective Adenosine A1 Receptor Agonist, 5'-Chloro-5'-Deoxy-([])-ENBA Underlies its Tremorolytic Effect in the Harmaline-Induced Model of Essential Tremor. 2020 , 429, 106-118		4
119	Tactile and proprioceptive dysfunction differentiates cervical dystonia with and without tremor. 2020 , 94, e639-e650		13
118	Acute and Chronic Dopaminergic Depletion Differently Affect Motor Thalamic Function. 2020, 21,		3
117	Basal Ganglia Circuits for Action Specification. 2020 , 43, 485-507		17
116	Cortico-Thalamo-Cortical Circuits of Mouse Forelimb S1 Are Organized Primarily as Recurrent Loops. <i>Journal of Neuroscience</i> , 2020 , 40, 2849-2858	6.6	13
115	Primary motor cortex in Parkinson's disease: Functional changes and opportunities for neurostimulation. 2021 , 147, 105159		11

114	Neuronal Activity of Pallidal Versus Cerebellar Receiving Thalamus in Patients with Cervical Dystonia. 2021 , 20, 151-159		O
113	Dyskinesia is Closely Associated with Synchronization of Theta Oscillatory Activity Between the Substantia Nigra Pars Reticulata and Motor Cortex in the Off L-dopa State in Rats. 2021 , 37, 323-338		O
112	Increased Salience Network Connectivity Following Manual Therapy is Associated with Reduced Pain in Chronic Low Back Pain Patients. 2021 , 22, 545-555		2
111	Psychedelics in Psychiatry: Neuroplastic, Immunomodulatory, and Neurotransmitter Mechanisms. 2021 , 73, 202-277		28
110	Role of Modulation of Hippocampal Glucose Following Pilocarpine-Induced Status Epilepticus. <i>Molecular Neurobiology</i> , 2021 , 58, 1217-1236	6.2	1
109	Premotor Ramping of Thalamic Neuronal Activity Is Modulated by Nigral Inputs and Contributes to Control the Timing of Action Release. <i>Journal of Neuroscience</i> , 2021 , 41, 1878-1891	6.6	5
108	Learning to use Muscles. 2021 , 76, 9-33		3
107	Temporal Prediction Signals for Periodic Sensory Events in the Primate Central Thalamus. <i>Journal of Neuroscience</i> , 2021 , 41, 1917-1927	6.6	3
106	A Regression Framework for Brain Network Distance Metrics.		0
105	Human brain mitochondrial-nuclear cross-talk is cell-type specific and is perturbed by neurodegeneration.		
104	Alternative female and male developmental trajectories in the dynamic balance of human visual perception.		1
103	Constructing Brain Connectivity Model Using Causal Network Reconstruction Approach. 2021 , 15, 6195	57	1
102	Regulation of coordinated muscular relaxation by a pattern-generating intersegmental circuit.		
101	Lysergic acid diethylamide differentially modulates the reticular thalamus, mediodorsal thalamus, and infralimbic prefrontal cortex: An in vivo electrophysiology study in male mice. 2021 , 35, 469-482		10
100	Effects of Optogenetic Suppression of Cortical Input on Primate Thalamic Neuronal Activity during Goal-Directed Behavior. <i>ENeuro</i> , 2021 , 8,	3.9	2
99	Current perspectives on galvanic vestibular stimulation in the treatment of Parkinson's disease. 2021 , 21, 405-418		5
98	Extracting temporal relationships between weakly coupled peptidergic and motoneuronal signaling: application to Drosophila ecdysis behavior.		
97	Mechanisms of Network Interactions for Flexible Cortico-Basal Ganglia-Mediated Action Control. <i>ENeuro</i> , 2021 , 8,	3.9	3

(2021-2021)

96	Motor Thalamic Deep Brain Stimulation Alters Cortical Activity and Shows Therapeutic Utility for Treatment of Parkinson's Disease Symptoms in a Rat Model. 2021 , 460, 88-106		2
95	Untangling the cortico-thalamo-cortical loop: cellular pieces of a knotty circuit puzzle. 2021 , 22, 389-40	6	14
94	Agmatine has beneficial effect on harmaline-induced essential tremor in rat. 2021, 753, 135881		О
93	Basal ganglia and cortical control of thalamic rebound spikes. 2021 , 54, 4295		1
92	A cerebellar-thalamocortical pathway drives behavioral context-dependent movement initiation. 2021 , 109, 2326-2338.e8		17
91	Spinal neurons innervating multiple local and distant motor pools.		О
90	Developmental onset of a cerebellar-dependent forward model of movement in motor thalamus.		
89	A realistic locomotory model of Drosophila larva for behavioral simulations.		2
88	Increasing Serotonin to Reduce Parkinsonian Tremor. 2021 , 15, 682990		О
87	Recording Temporal Signals with Minutes Resolution Using Enzymatic DNA Synthesis.		
86	Knockdown of astrocytic monocarboxylate transporter 4 (MCT4) in the motor cortex leads to loss of dendritic spines and a deficit in motor learning.		О
85	Decreased thalamo-cortico connectivity during an implicit sequence motor learning task and 7ddays escitalopram intake. <i>Scientific Reports</i> , 2021 , 11, 15060	4.9	1
84	Flexible recruitments of fundamental muscle synergies in the trunk and lower limbs for highly variable movements and postures.		
83	Task space exploration improves adaptation after incompatible virtual surgeries.		
82	Five Breakthroughs: A First Approximation of Brain Evolution From Early Bilaterians to Humans. <i>Frontiers in Neuroanatomy</i> , 2021 , 15, 693346	3.6	1
81	Input zone-selective dysrhythmia in motor thalamus after dopamine depletion.		
80	Subthalamic and Pallidal Stimulations in Patients with Parkinson's Disease: Common and Dissociable Connections. <i>Annals of Neurology</i> , 2021 , 90, 670-682	9.4	5

78 Thalamic input to motor cortex facilitates goal-directed action initiation. *Current Biology*, **2021**, 31, 4148**41**55.**e**4

, -	p 5 5		
77	Reduced Dopamine Signaling Impacts Pyramidal Neuron Excitability in Mouse Motor Cortex. <i>ENeuro</i> , 2021 , 8,	3.9	1
76	Translation of Functional Domain Abnormalities from Human to Mouse Motor System. <i>Neuromethods</i> , 2021 , 139-152	0.4	
75	Changes in Excitability Properties of Ventromedial Motor Thalamic Neurons in 6-OHDA Lesioned Mice. <i>ENeuro</i> , 2021 , 8,	3.9	3
74	Long-term neurodevelopment outcomes of hand, foot and mouth disease inpatients infected with EV-A71 or CV-A16, a retrospective cohort study. <i>Emerging Microbes and Infections</i> , 2021 , 10, 545-554	18.9	4
73	A neuromechanical model and kinematic analyses for Drosophila larval crawling based on physical measurements.		2
72	Reconstruction of 1,000 projection neurons reveals new cell types and organization of long-range connectivity in the mouse brain.		3
71	CAN TRANSCRANIAL DIRECT CURRENT STIMULATION OVER THE DORSOLATERAL PREFRONTAL CORTEX ENHANCE PROPRIOCEPTION?.		1
70	Neural activity during a simple reaching task in macaques is counter to gating and rebound in basal ganglia-thalamic communication.		2
69	Dysfunctions of the basal ganglia-cerebellar-thalamo-cortical system produce motor tics in Tourette syndrome. <i>PLoS Computational Biology</i> , 2017 , 13, e1005395	5	59
68	West Nile Virus Spreads Transsynaptically within the Pathways of Motor Control: Anatomical and Ultrastructural Mapping of Neuronal Virus Infection in the Primate Central Nervous System. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004980	4.8	19
67	Avoidant Responses to Interpersonal Provocation Are Associated with Increased Amygdala and Decreased Mentalizing Network Activity. <i>ENeuro</i> , 2017 , 4,	3.9	18
66	Cerebellum in Neurological Disorders: A Review on the Role of Inter-Connected Neural Circuits. <i>Journal of Neurology & Stroke</i> , 2017 , 6,	0.7	1
65	The Pathophysiology of Tics; An Evolving Story. Current Drug Therapy, 2020 , 15, 92-123	0.7	2
64	Motor thalamus supports striatum-driven reinforcement. <i>ELife</i> , 2018 , 7,	8.9	9
63	Acetylcholine acts on songbird premotor circuitry to invigorate vocal output. <i>ELife</i> , 2020 , 9,	8.9	6
62	Merging the Pathophysiology and Pharmacotherapy of Tics. <i>Tremor and Other Hyperkinetic Movements</i> , 2018 , 8, 595	2	11
61	An atlas of white matter anatomy, its variability, and reproducibility based on Constrained Spherical Deconvolution of diffusion MRI.		

(2021-2021)

60	3D Reconstruction of the Human Pallidothalamic and Nigrothalamic Pathways With Super-Resolution 7T MR Track Density Imaging and Fiber Tractography. <i>Frontiers in Neuroanatomy</i> , 2021 , 15, 739576	3.6	2
59	Secondary thalamic neuroinflammation after focal cortical stroke and traumatic injury mirrors corticothalamic functional connectivity. <i>Journal of Comparative Neurology</i> , 2021 ,	3.4	1
58	Thalamostriatal and cerebellothalamic pathways in a songbird, the Bengalese finch.		
57	Basal ganglia and cortical control of thalamic rebound spikes.		
56	Reconstruction of 1,000 Projection Neurons Reveals New Cell Types and Organization of Long-Range Connectivity in the Mouse Brain. <i>SSRN Electronic Journal</i> ,	1	O
55	Estimating brain age from structural MRI and MEG data: Insights from dimensionality reduction techniques.		
54	Effects of Age and Knee Osteoarthritis on the Modular Control of Walking: A Pilot Study.		О
53	Frequency-Specific Effects of Galvanic Vestibular Stimulation on Response-Time Performance in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2021 , 12, 758122	4.1	O
52	Movements during sleep reveal the developmental emergence of a cerebellar-dependent internal model in motor thalamus. <i>Current Biology</i> , 2021 ,	6.3	2
51	The Nigro-Thalamic Projection contributes to the Control of Action Initiation Timing.		2
50	Information Digital TwinEnabling Agents to Anticipate Changes in Their Tasks. <i>Lecture Notes in Computer Science</i> , 2020 , 183-192	0.9	1
49	Reduced dopamine signaling impacts pyramidal neuron excitability in mouse motor cortex.		О
48	Cell-type specific outcome representation in primary motor cortex.		1
47	Thalamic encoding of lexical status is lateralized during reading aloud.		
46	Changes in excitability properties of ventromedial motor thalamic neurons in 6-OHDA lesioned mice.		О
45	Active probing to highlight approaching transitions to ictal states in coupled neural mass models.		
44	Neuromuscular control of gait stability in older adults is adapted to environmental demands but not improved after standing balance training.		
43	Input zone-selective dysrhythmia in motor thalamus after dopamine depletion. <i>Journal of Neuroscience</i> , 2021 ,	6.6	O

42	Functional Neural Networks in Writer's Cramp as Determined by Graph-Theoretical Analysis. <i>Frontiers in Neurology</i> , 2021 , 12, 744503	4.1	О
41	Knockdown of Astrocytic Monocarboxylate Transporter 4 in the Motor Cortex Leads to Loss of Dendritic Spines and a Deficit in Motor Learning. <i>Molecular Neurobiology</i> , 2021 , 59, 1002	6.2	1
40	Case Report: Long-Term Suppression of Paroxysmal Kinesigenic Dyskinesia After Bilateral Thalamotomy <i>Frontiers in Neurology</i> , 2021 , 12, 789468	4.1	0
39	Modulation of itch and pain signals processing in ventrobasal thalamus by thalamic reticular nucleus <i>IScience</i> , 2022 , 25, 103625	6.1	O
38	Common synaptic inputs are not distributed homogeneously among the motor neurons that innervate synergistic muscles.		O
37	Recent Advances in the Understanding of Specific Efferent Pathways Emerging From the Cerebellum <i>Frontiers in Neuroanatomy</i> , 2021 , 15, 759948	3.6	O
36	Combined single-cell RNA-seq profiling and enhancer editing reveals critical spatiotemporal controls over thalamic nuclei formation in the murine embryo.		
35	Distinct roles of rodent thalamus and corpus callosum in seizure generalization <i>Annals of Neurology</i> , 2022 ,	9.4	2
34	Lateralized and region-specific thalamic processing of lexical status during reading aloud <i>Journal of Neuroscience</i> , 2022 ,	6.6	О
33	A Preliminary Study of the Efficacy of Transcranial Direct Current Stimulation in Trigeminal Neuralgia <i>Frontiers in Human Neuroscience</i> , 2022 , 16, 848347	3.3	O
32	An atlas of white matter anatomy, its variability, and reproducibility based on Constrained Spherical Deconvolution of diffusion MRI <i>NeuroImage</i> , 2022 , 119029	7.9	1
31	Structural and Functional Aspects of the Neurodevelopmental Gene: From Animal Models to Human Pathology <i>Frontiers in Molecular Neuroscience</i> , 2021 , 14, 767965	6.1	O
30	Data_Sheet_1.pdf. 2018 ,		
29	Table_1.DOC. 2018 ,		
28	Data_Sheet_1.docx. 2018,		
27	Oscillatory waveform sharpness asymmetry changes in motor thalamus and motor cortex in a rat model of Parkinson's disease <i>Experimental Neurology</i> , 2022 , 114089	5.7	O
26	Generating variability from motor primitives during infant locomotor development.		О
25	Role of anterior cingulate cortex inputs to periaqueductal gray for pain avoidance. <i>Current Biology</i> , 2022 ,	6.3	2

24	The right inferior frontal gyrus as pivotal node and effective regulator of the basal ganglia-thalamocortical response inhibition circuit in humans.		
23	1H-magnetic resonance spectroscopy and its role in predicting neurodevelopmental impairment in preterm neonates: A systematic review. <i>Neuroradiology Journal</i> , 197140092211024	2	
22	Where Actions Meet Outcomes: Medial Prefrontal Cortex, Central Thalamus, and the Basal Ganglia. <i>Frontiers in Behavioral Neuroscience</i> , 16,	3.5	О
21	Contracted thalamic shape is associated with early development of levodopa-induced dyskinesia in Parkinson disease. 2022 , 12,		
20	Long term effects of red wine consumption in brain: an MRI, fMRI and neuropsychological evaluation study. 1-12		
19	Altered resting state brain metabolic connectivity in dementia with Lewy bodies. 13,		
18	Synaptic degeneration in neuronal circuits hinders memory recall, memory rescue, and learning.		
17	Reduced Thalamic Excitation to Motor Cortical Pyramidal Tract Neurons in a Mouse Model of Parkinsonism.		O
16	Corticothalamic Neurons in Motor Cortex Have a Permissive Role in Motor Execution.		O
15	Periodic EEG discharges and epileptic spasms involve cortico-striatal-thalamic loops on arterial spin labeling MRI.		O
14	Effectiveness of electrical vestibular nerve stimulation on the range of motion in patients with Parkinson disease. 2022 ,		0
13	Complex network measures reveal optimal targets for deep brain stimulation and identify clusters of collective brain dynamics. 10,		1
12	DDOST-CDG: Clinical and molecular characterization of a third patient with a milder and a predominantly movement disorder phenotype.		O
11	Higher visual gain contributions to bilateral motor synergies and force control. 2022, 12,		O
10	A phylogenetically-conserved axis of thalamocortical connectivity in the human brain.		O
9	Optimization of modularity during development to simplify walking control across strides.		O
8	Multi-model order spatially constrained ICA reveals highly replicable group differences and consistent predictive results from fMRI data.		О
7	Patterned Stimulation of the Chrimson Opsin in Glutamatergic Motor Thalamus Neurons Improves Forelimb Akinesia in Parkinsonian Rats. 2022 ,		O

6	A multi-layer mean-field model for the cerebellar cortex: design, validation, and prediction.	О
5	Thalamic pathology in frontotemporal dementia: Predilection for specific nuclei, phenotype-specific signatures, clinical correlates, and practical relevance.	O
4	The deep cerebellar nuclei to striatum disynaptic connection contributes to skilled forelimb movement. 2023 , 42, 112000	0
3	Characterising stationary and dynamic effective connectivity changes in the motor network during and after tDCS. 2023 , 269, 119915	O
2	Functional mapping of sensorimotor activation in the human thalamus at 9.4 Tesla. 17,	0
1	Modeling synaptic integration of bursty and beta oscillatory inputs in ventromedial motor thalamic neurons in normal and parkinsonian states.	О