Tobias BÃ¤umer

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7666786/publications.pdf

Version: 2024-02-01

82	2,542	172457	214800
papers	citations	29 h-index	47 g-index

85	85	85	2847
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Repeated premotor rTMS leads to cumulative plastic changes of motor cortex excitability in humans. NeuroImage, 2003, 20, 550-560.	4.2	146
2	Magnetic stimulation of human premotor or motor cortex produces interhemispheric facilitation through distinct pathways. Journal of Physiology, 2006, 572, 857-868.	2.9	139
3	Structural changes in the somatosensory system correlate with tic severity in Gilles de la Tourette syndrome. Brain, 2009, 132, 765-777.	7.6	136
4	Temporal relationship between premonitory urges and tics in Gilles de la Tourette syndrome. Cortex, 2016, 77, 24-37.	2.4	101
5	The cortical motor threshold reflects microstructural properties of cerebral white matter. NeuroImage, 2008, 40, 1782-1791.	4.2	98
6	Investigating the human mirror neuron system by means of cortical synchronization during the imitation of biological movements. NeuroImage, 2006, 33, 227-238.	4.2	82
7	The human dorsal premotor cortex facilitates the excitability of ipsilateral primary motor cortex via a short latency corticoâ€cortical route. Human Brain Mapping, 2012, 33, 419-430.	3.6	79
8	Peripheral nerves and plexus. Current Opinion in Neurology, 2014, 27, 370-379.	3.6	79
9	The neural correlates of tic inhibition in Gilles de la Tourette syndrome. Neuropsychologia, 2014, 65, 297-301.	1.6	75
10	Action inhibition in Tourette syndrome. Movement Disorders, 2014, 29, 1532-1538.	3.9	74
11	Costs of control: decreased motor cortex engagement during a Go/NoGo task in Touretteâ€™s syndrome. Brain, 2014, 137, 122-136.	7.6	72
12	Impaired induction of longâ€term potentiationâ€like plasticity in patients with highâ€functioning autism and Asperger syndrome. Developmental Medicine and Child Neurology, 2013, 55, 83-89.	2.1	69
13	Increased perception-action binding in Tourette syndrome. Brain, 2020, 143, 1934-1945.	7.6	65
14	Asymmetric pallidal neuronal activity in patients with cervical dystonia. Frontiers in Systems Neuroscience, 2014, 8, 15.	2.5	59
15	46,XY Gonadal Dysgenesis due to a Homozygous Mutation in Desert Hedgehog (DHH) Identified by Exome Sequencing. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E1022-E1029.	3.6	59
16	Abnormal plasticity of the sensorimotor cortex to slow repetitive transcranial magnetic stimulation in patients with writer's cramp. Movement Disorders, 2007, 22, 81-90.	3.9	58
17	Charting the excitability of premotor to motor connections while withholding or initiating a selected movement. European Journal of Neuroscience, 2010, 32, 1771-1779.	2.6	52
18	Pandemic Ticâ€like Behaviors Following Social Media Consumption. Movement Disorders, 2021, 36, 2932-2935.	3.9	51

#	Article	IF	Citations
19	Altered dorsal premotorâ€“motor interhemispheric pathway activity in focal arm dystonia. Movement Disorders, 2008, 23, 660-668.	3.9	46
20	Relevance of sonography for botulinum toxin treatment of cervical dystonia: an expert statement. Journal of Neural Transmission, 2015, 122, 1457-1463.	2.8	45
21	Interhemispheric motor networks are abnormal in patients with Gilles de la Tourette syndrome. Movement Disorders, 2010, 25, 2828-2837.	3.9	42
22	Clinical and Neurophysiological Profile of Four German Families with Spinocerebellar Ataxia Type 14. Cerebellum, 2014, 13, 89-96.	2.5	42
23	Alcohol improves cerebellar learning deficit in myoclonusâ€“dystonia: A clinical and electrophysiological investigation. Annals of Neurology, 2017, 82, 543-553.	5.3	39
24	Altered Synaptic Plasticity in Tourette's Syndrome and Its Relationship to Motor Skill Learning. PLoS ONE, 2014, 9, e98417.	2.5	37
25	Effects of DBS, premotor rTMS, and levodopa on motor function and silent period in advanced Parkinson's disease. Movement Disorders, 2009, 24, 672-676.	3.9	35
26	Arm tremor in cervical dystoniaâ€”Is it a manifestation of dystonia or essential tremor?. Movement Disorders, 2011, 26, 1789-1792.	3.9	33
27	Novel GNB1 missense mutation in a patient with generalized dystonia, hypotonia, and intellectual disability. Neurology: Genetics, 2016, 2, e106.	1.9	33
28	Tics as a model of overâ€learned behaviorâ€”imitation and inhibition of facial tics. Movement Disorders, 2016, 31, 1155-1162.	3.9	32
29	Altered pattern of motor cortical activationâ€“inhibition during voluntary movements in Tourette syndrome. Movement Disorders, 2010, 25, 1960-1966.	3.9	30
30	Altered perceptual binding in Gilles de la Tourette syndrome. Cortex, 2016, 83, 160-166.	2.4	27
31	Therapy of Sialorrhea with Botulinum Neurotoxin. Neurology and Therapy, 2019, 8, 273-288.	3.2	27
32	Imitation in patients with Gilles de la Tourette syndromeâ€”A behavioral study. Movement Disorders, 2010, 25, 991-999.	3.9	26
33	Right hemisphere contributions to imitation tasks. European Journal of Neuroscience, 2008, 27, 1843-1855.	2.6	25
34	Role of ANO3 mutations in dystonia: A large-scale mutational screening study. Parkinsonism and Related Disorders, 2019, 62, 196-200.	2.2	25
35	Prefrontal cortex volume reductions and tic inhibition are unrelated in uncomplicated GTS adults. Journal of Psychosomatic Research, 2014, 76, 84-87.	2.6	24
36	Nerve ultrasound in clinical management of carpal tunnel syndrome in mucopolysaccharidosis. Developmental Medicine and Child Neurology, 2016, 58, 1172-1179.	2.1	22

#	Article	IF	Citations
37	Hypersalivation: update of the German S2k guideline (AWMF) in short form. Journal of Neural Transmission, 2019, 126, 853-862.	2.8	20
38	Gilles de la Tourette Syndromeâ€"A Disorder of Action-Perception Integration. Frontiers in Neurology, 2020, 11, 597898.	2.4	20
39	Diagnostic criteria for blepharospasm: A multicenter international study. Parkinsonism and Related Disorders, 2021, 91, 109-114.	2.2	20
40	Childhoodâ€Onset Movement Disorders: A Clinical Series of 606 Cases. Movement Disorders Clinical Practice, 2017, 4, 437-440.	1.5	18
41	Inter-individual differences in urge-tic associations in Tourette syndrome. Cortex, 2021, 143, 80-91.	2.4	18
42	Non-invasive Brain Stimulation for the Treatment of Gilles de la Tourette Syndrome. Frontiers in Neurology, 2020, 11, 592258.	2.4	17
43	Facial twitches in ADCY5 -associated disease - Myokymia or myoclonus? An electromyography study. Parkinsonism and Related Disorders, 2017, 40, 73-75.	2.2	16
44	Involvement of obliquus capitis inferior muscle in dystonic head tremor. Parkinsonism and Related Disorders, 2017, 44, 119-123.	2.2	16
45	Abnormal premotorâ€"motor interaction in heterozygous Parkin - and Pink1 mutation carriers. Clinical Neurophysiology, 2017, 128, 275-280.	1.5	16
46	Somatosensory-motor cortex interactions measured using dual-site transcranial magnetic stimulation. Brain Stimulation, 2019, 12, 1229-1243.	1.6	16
47	Localization of Salivary Glands for Botulinum Toxin Treatment: Ultrasound Versus Landmark Guidance. Movement Disorders Clinical Practice, 2020, 7, 194-198.	1.5	16
48	Premotor-motor excitability is altered in dopa-responsive dystonia. Movement Disorders, 2015, 30, 1705-1709.	3.9	14
49	Mirror me: Imitative responses in adults with autism. Autism, 2016, 20, 134-144.	4.1	14
50	The temporal relationship between premonitory urges and covert compulsions in patients with obsessive-compulsive disorder. Psychiatry Research, 2018, 262, 6-12.	3.3	14
51	Tic Phenomenology and Tic Awareness in Adults With Autism. Movement Disorders Clinical Practice, 2015, 2, 237-242.	1.5	13
52	A recurrent de-novo ANO3 mutation causes early-onset generalized dystonia. Journal of the Neurological Sciences, 2019, 396, 199-201.	0.6	13
53	Cerebellar rTMS and PAS effectively induce cerebellar plasticity. Scientific Reports, 2021, 11, 3070.	3.3	13
54	Abnormal interhemispheric inhibition in musician's dystonia â€" Trait or state?. Parkinsonism and Related Disorders, 2016, 25, 33-38.	2.2	12

#	Article	IF	Citations
55	Complex dystonias: an update on diagnosis and care. Journal of Neural Transmission, 2021, 128, 431-445.	2.8	12
56	Evaluation of Individualized Multiâ€Disciplinary Inpatient Treatment for Functional Movement Disorders. Movement Disorders Clinical Practice, 2021, 8, 911-918.	1.5	12
57	Tourette syndrome as a motor disorder revisited â€“ Evidence from action coding. NeuroImage: Clinical, 2021, 30, 102611.	2.7	12
58	Increased scale-free and aperiodic neural activity during sensorimotor integrationâ€”a novel facet in Tourette syndrome. Brain Communications, 2021, 3, fcab250.	3.3	11
59	Associations of specific psychiatric disorders with isolated focal dystonia, and monogenic and idiopathic Parkinsonâ€™s disease. Journal of Neurology, 2017, 264, 1076-1084.	3.6	10
60	Modulation of intracortical facilitatory circuits of the human primary motor cortex by digital nerve stimulation. Experimental Brain Research, 2007, 176, 425-431.	1.5	9
61	Imitation inhibition in children with Tourette syndrome. Journal of Neuropsychology, 2019, 13, 82-95.	1.4	9
62	Clinical and Demographic Characteristics of Upper Limb Dystonia. Movement Disorders, 2020, 35, 2086-2090.	3.9	9
63	Observing repetitive finger movements modulates response times of auditorily cued finger movements. Brain and Cognition, 2008, 68, 107-113.	1.8	7
64	Influence of L-dopa on subtle motor signs in heterozygous Parkin- and PINK1 mutation carriers. Parkinsonism and Related Disorders, 2017, 42, 95-99.	2.2	7
65	Predictive coding and adaptive behavior in patients with genetically determined cerebellar ataxiaâ€“â€“A neurophysiology study. NeuroImage: Clinical, 2019, 24, 102043.	2.7	7
66	Intact Organization of Tactile Space Perception in Isolated Focal Dystonia. Movement Disorders, 2021, 36, 1949-1955.	3.9	7
67	Multiple enlarged nerves on neurosonography: An unusual paraneoplastic case. Muscle and Nerve, 2011, 43, 756-757.	2.2	6
68	Questioning the definition of Tourette syndromeâ€”evidence from machine learning. Brain Communications, 2021, 3, fcab282.	3.3	6
69	Novel homozygous variants in ATCAY , MCOLN1 , and SACS in complex neurological disorders. Parkinsonism and Related Disorders, 2018, 51, 91-95.	2.2	5
70	Temporal discrimination threshold and blink reflex recovery cycle in cervical dystonia â€“ two sides of the same coin?. Parkinsonism and Related Disorders, 2019, 68, 4-7.	2.2	5
71	Networks in the Field of Tourette Syndrome. Frontiers in Neurology, 2021, 12, 624858.	2.4	5
72	Boosting the effect of reward on cognitive control using TMS over the left IFJ. Neuropsychologia, 2019, 125, 109-115.	1.6	4

#	Article	IF	Citations
73	Seventy years of episodic stiffness: An unusual case of neuromyotonia. Movement Disorders, 2011, 26, 1360-1361.	3.9	3
74	White Matter Microstructure of the Human Mirror Neuron System is Related to Symptom Severity in Adults with Autism. Journal of Autism and Developmental Disorders, 2018, 48, 417-429.	2.7	3
75	Single-pulse subthalamic deep brain stimulation reduces premotor-motor facilitation in Parkinson's disease. Parkinsonism and Related Disorders, 2019, 66, 224-227.	2.2	3
76	â€œTwitchingâ€•and Stiffness in POLG1 Mutation Carriers: Red Flag or Red Herring?. Movement Disorders Clinical Practice, 2020, 7, 91-93.	1.5	3
77	Longitudinal evaluations of somatosensory-motor inhibition in Dopa-responsive dystonia. Parkinsonism and Related Disorders, 2022, 95, 40-46.	2.2	3
78	Predictive modeling of spread in adultâ€•onset isolated dystonia: Key properties and effect of tremor inclusion. European Journal of Neurology, 2021, 28, 3999-4009.	3.3	2
79	Subthalamic nucleus conditioning reduces premotor-motor interaction in Parkinson's disease. Parkinsonism and Related Disorders, 2022, 96, 6-12.	2.2	1
80	Paroxysmal cervical myoclonus. Movement Disorders, 2011, 26, 2445-2446.	3.9	0
81	The complex movement disorder of Kasabach-Merritt syndrome associated with a basal ganglia lesion. Movement Disorders, 2012, 27, 591-593.	3.9	0
82	Reply to: Double Trouble from POLG1 and CLCN1 Variants with Intrafamilial Phenotypic Heterogeneity. Movement Disorders Clinical Practice, 2020, 7, 577-578.	1.5	0