

# Masashi Hamada

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3768144/publications.pdf>

Version: 2024-02-01

91  
papers

5,341  
citations

126907

33  
h-index

88630

70  
g-index

104  
all docs

104  
docs citations

104  
times ranked

5443  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variability in Response to Transcranial Direct Current Stimulation of the Motor Cortex. <i>Brain Stimulation</i> , 2014, 7, 468-475.	1.6	662
2	The Role of Interneuron Networks in Driving Human Motor Cortical Plasticity. <i>Cerebral Cortex</i> , 2013, 23, 1593-1605.	2.9	624
3	Plasticity induced by non-invasive transcranial brain stimulation: A position paper. <i>Clinical Neurophysiology</i> , 2017, 128, 2318-2329.	1.5	276
4	Noncoding CGG repeat expansions in neuronal intranuclear inclusion disease, oculopharyngodistal myopathy and an overlapping disease. <i>Nature Genetics</i> , 2019, 51, 1222-1232.	21.4	265
5	Bidirectional long-term motor cortical plasticity and metaplasticity induced by quadripulse transcranial magnetic stimulation. <i>Journal of Physiology</i> , 2008, 586, 3927-3947.	2.9	239
6	Expansions of intronic TTCA and TTTA repeats in benign adult familial myoclonic epilepsy. <i>Nature Genetics</i> , 2018, 50, 581-590.	21.4	238
7	Hand use predicts the structure of representations in sensorimotor cortex. <i>Nature Neuroscience</i> , 2015, 18, 1034-1040.	14.8	219
8	Cerebellar Transcranial Direct Current Stimulation (ctDCS). <i>Neuroscientist</i> , 2016, 22, 83-97.	3.5	177
9	Supplementary motor area stimulation for Parkinson disease. <i>Neurology</i> , 2013, 80, 1400-1405.	1.1	138
10	Consensus Paper: Probing Homeostatic Plasticity of Human Cortex With Non-invasive Transcranial Brain Stimulation. <i>Brain Stimulation</i> , 2015, 8, 442-454.	1.6	138
11	High-frequency rTMS over the supplementary motor area for treatment of Parkinson's disease. <i>Movement Disorders</i> , 2008, 23, 1524-1531.	3.9	133
12	Cerebellar modulation of human associative plasticity. <i>Journal of Physiology</i> , 2012, 590, 2365-2374.	2.9	133
13	Short and long duration transcranial direct current stimulation (tDCS) over the human hand motor area. <i>Experimental Brain Research</i> , 2008, 185, 279-286.	1.5	124
14	Two Distinct Interneuron Circuits in Human Motor Cortex Are Linked to Different Subsets of Physiological and Behavioral Plasticity. <i>Journal of Neuroscience</i> , 2014, 34, 12837-12849.	3.6	122
15	What Makes the Muscle Twitch: Motor System Connectivity and TMS-Induced Activity. <i>Cerebral Cortex</i> , 2015, 25, 2346-2353.	2.9	106
16	Quadro-pulse stimulation is more effective than paired-pulse stimulation for plasticity induction of the human motor cortex. <i>Clinical Neurophysiology</i> , 2007, 118, 2672-2682.	1.5	103
17	Consensus Paper: Probing Homeostatic Plasticity of Human Cortex With Non-invasive Transcranial Brain Stimulation. <i>Brain Stimulation</i> , 2015, 8, 993-1006.	1.6	103
18	Consensus: New methodologies for brain stimulation. <i>Brain Stimulation</i> , 2009, 2, 2-13.	1.6	100

#	ARTICLE	IF	CITATIONS
19	Variability in neural excitability and plasticity induction in the human cortex: A brain stimulation study. <i>Brain Stimulation</i> , 2017, 10, 588-595.	1.6	95
20	Primary motor cortical metaplasticity induced by priming over the supplementary motor area. <i>Journal of Physiology</i> , 2009, 587, 4845-4862.	2.9	75
21	Comparison of different methods for estimating motor threshold with transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2007, 118, 2120-2122.	1.5	60
22	High-frequency rTMS over the supplementary motor area improves bradykinesia in Parkinson's disease: Subanalysis of double-blind sham-controlled study. <i>Journal of the Neurological Sciences</i> , 2009, 287, 143-146.	0.6	59
23	Variability in Response to Quadripulse Stimulation of the Motor Cortex. <i>Brain Stimulation</i> , 2016, 9, 859-866.	1.6	57
24	Difference in intracortical inhibition of the motor cortex between cortical myoclonus and focal hand dystonia. <i>Clinical Neurophysiology</i> , 2008, 119, 1400-1407.	1.5	54
25	Cerebellar dysfunction in progressive supranuclear palsy: A transcranial magnetic stimulation study. <i>Movement Disorders</i> , 2010, 25, 2413-2419.	3.9	53
26	Cerebellar stimulation fails to modulate motor cortex plasticity in writing dystonia. <i>Movement Disorders</i> , 2014, 29, 1304-1307.	3.9	50
27	Median nerve somatosensory evoked potentials and their high-frequency oscillations in amyotrophic lateral sclerosis. <i>Clinical Neurophysiology</i> , 2007, 118, 877-886.	1.5	49
28	Quadri-pulse stimulation (QPS) induced LTP/LTD was not affected by Val66Met polymorphism in the brain-derived neurotrophic factor (BDNF) gene. <i>Neuroscience Letters</i> , 2011, 487, 264-267.	2.1	45
29	Direct-current-dependent shift of theta-burst-induced plasticity in the human motor cortex. <i>Experimental Brain Research</i> , 2012, 217, 15-23.	1.5	42
30	Influence of Short-Interval Intracortical Inhibition on Short-Interval Intracortical Facilitation in Human Primary Motor Cortex. <i>Journal of Neurophysiology</i> , 2010, 104, 1382-1391.	1.8	39
31	Lymphomatoid Granulomatosis Involving Central Nervous System Successfully Treated With Rituximab Alone. <i>Archives of Neurology</i> , 2008, 65, 662-5.	4.5	37
32	Quadripulse stimulation – A new patterned rTMS. <i>Restorative Neurology and Neuroscience</i> , 2010, 28, 419-424.	0.7	35
33	Effect of istradefylline on mood disorders in Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2019, 396, 78-83.	0.6	35
34	The intensity of continuous theta burst stimulation, but not the waveform used to elicit motor evoked potentials, influences its outcome in the human motor cortex. <i>Brain Stimulation</i> , 2018, 11, 400-410.	1.6	34
35	A reflection on plasticity research in writing dystonia. <i>Movement Disorders</i> , 2014, 29, 980-987.	3.9	33
36	Origin of facilitation in repetitive, 1.5ms interval, paired pulse transcranial magnetic stimulation (rPPS) of the human motor cortex. <i>Clinical Neurophysiology</i> , 2007, 118, 1596-1601.	1.5	32

#	ARTICLE	IF	CITATIONS
37	Magnetic stimulation of the cauda equina in the spinal canal with a flat, large round coil. <i>Journal of the Neurological Sciences</i> , 2009, 284, 46-51.	0.6	29
38	Increased primary motor cortical excitability by a single-pulse transcranial magnetic stimulation over the supplementary motor area. <i>Experimental Brain Research</i> , 2012, 219, 339-349.	1.5	27
39	Magnetic lumbosacral motor root stimulation with a flat, large round coil. <i>Clinical Neurophysiology</i> , 2009, 120, 770-775.	1.5	26
40	Reduced interhemispheric inhibition in mild cognitive impairment. <i>Experimental Brain Research</i> , 2012, 218, 21-26.	1.5	26
41	Bidirectional modulation of sensory cortical excitability by quadripulse transcranial magnetic stimulation (QPS) in humans. <i>Clinical Neurophysiology</i> , 2012, 123, 1415-1421.	1.5	25
42	Postural tremor in X-linked spinal and bulbar muscular atrophy. <i>Movement Disorders</i> , 2009, 24, 2063-2069.	3.9	24
43	Cortical hemoglobin concentration changes underneath the coil after single-pulse transcranial magnetic stimulation: a near-infrared spectroscopy study. <i>Journal of Neurophysiology</i> , 2013, 109, 1626-1637.	1.8	22
44	Is multiple system atrophy with cerebellar ataxia (MSA-C) like spinocerebellar ataxia and multiple system atrophy with parkinsonism (MSA-P) like Parkinson's disease? A saccade study on pathophysiology. <i>Clinical Neurophysiology</i> , 2016, 127, 1491-1502.	1.5	22
45	Event-Related Desynchronization/Synchronization in Spinocerebellar Ataxia Type 3. <i>Frontiers in Neurology</i> , 2019, 10, 822.	2.4	19
46	Interaction Between Different Interneuron Networks Involved in Human Associative Plasticity. <i>Brain Stimulation</i> , 2014, 7, 658-664.	1.6	18
47	The effect of age on the homotopic motor cortical long-term potentiation-like effect induced by quadripulse stimulation. <i>Experimental Brain Research</i> , 2017, 235, 2103-2108.	1.5	18
48	Modulation of $\delta$ -wave generating pathways by theta-burst stimulation: a model of plasticity induction. <i>Journal of Physiology</i> , 2019, 597, 5963-5971.	2.9	17
49	Cortico-conus motor conduction time (CCCT) for leg muscles. <i>Clinical Neurophysiology</i> , 2010, 121, 1930-1933.	1.5	16
50	Prominent cauda equina involvement in patients with chronic inflammatory demyelinating polyradiculoneuropathy. <i>Journal of the Neurological Sciences</i> , 2010, 290, 112-114.	0.6	16
51	Tacrolimus-Induced Reversible Cerebral Vasoconstriction Syndrome with Delayed Multi-Segmental Vasoconstriction. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, e75-e77.	1.6	16
52	Plasticity induction in the pre-supplementary motor area (pre-SMA) and SMA-proper differentially affects visuomotor sequence learning. <i>Brain Stimulation</i> , 2020, 13, 229-238.	1.6	16
53	ER stress is the initial response to polyglutamine toxicity in PC12 cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 550-555.	2.1	15
54	Does the Clock Tick Slower or Faster in Parkinson's Disease? Insights Gained From the Synchronized Tapping Task. <i>Frontiers in Psychology</i> , 2018, 9, 1178.	2.1	15

#	ARTICLE	IF	CITATIONS
55	Clinical efficacy of haematopoietic stem cell transplantation for adult adrenoleukodystrophy. <i>Brain Communications</i> , 2020, 2, fcz048.	3.3	14
56	Efferent and afferent evoked potentials in patients with adrenomyeloneuropathy. <i>Clinical Neurology and Neurosurgery</i> , 2010, 112, 131-136.	1.4	13
57	Plasticity and dystonia: a hypothesis shrouded in variability. <i>Experimental Brain Research</i> , 2020, 238, 1611-1617.	1.5	13
58	Atypical parkinsonism caused by Pro105Leu mutation of prion protein. <i>Neurology: Genetics</i> , 2016, 2, e48.	1.9	12
59	Modulation of motor learning by a paired associative stimulation protocol inducing LTD-like effects. <i>Brain Stimulation</i> , 2018, 11, 1314-1321.	1.6	12
60	Inter-individual variation in the efficient stimulation site for magnetic brainstem stimulation. <i>Clinical Neurophysiology</i> , 2011, 122, 2044-2048.	1.5	11
61	Somatosensory-evoked potential modulation by quadripulse transcranial magnetic stimulation in patients with benign myoclonus epilepsy. <i>Clinical Neurophysiology</i> , 2016, 127, 1560-1567.	1.5	11
62	Distinguishing spinocerebellar ataxia with pure cerebellar manifestation from multiple system atrophy (MSA-C) through saccade profiles. <i>Clinical Neurophysiology</i> , 2017, 128, 31-43.	1.5	10
63	Double-Pulse Magnetic Brain Stem Stimulation: Mimicking Successive Descending Volleys. <i>Journal of Neurophysiology</i> , 2008, 100, 3437-3444.	1.8	9
64	Forty-hertz triple-pulse stimulation induces motor cortical facilitation in humans. <i>Brain Research</i> , 2009, 1296, 15-23.	2.2	9
65	Frontal cortical regions controlling small and large amplitude saccades – A TMS study. <i>Basal Ganglia</i> , 2011, 1, 221-229.	0.3	9
66	Effect of subthalamic nucleus deep brain stimulation on visual scanning. <i>Clinical Neurophysiology</i> , 2018, 129, 2421-2432.	1.5	9
67	Cranial Nerve Involvement and Dysautonomia in Post-COVID-19 Guillain-Barré Syndrome. <i>Internal Medicine</i> , 2021, 60, 3477-3480.	0.7	8
68	Some evidence supporting the safety of quadripulse stimulation (QPS). <i>Brain Stimulation</i> , 2011, 4, 303-305.	1.6	7
69	Neurophysiology of rTMS: Important Caveats When Interpreting the Results of Therapeutic Interventions. , 2016, , 1-10.		7
70	Effects of the Coronavirus Disease 2019 Pandemic on Motor Symptoms in Parkinson's Disease: An Observational Study. <i>Movement Disorders</i> , 2021, 36, 2461-2463.	3.9	6
71	Erratum to “Consensus Paper: Probing Homeostatic Plasticity of Human Cortex With Non-invasive Transcranial Brain Stimulation” Brain Stimulation 8 (2015) 442–454. <i>Brain Stimulation</i> , 2015, 8, 992.	1.6	4
72	A significant correlation between cauda equina conduction time and cerebrospinal fluid protein in chronic inflammatory demyelinating polyradiculoneuropathy. <i>Journal of the Neurological Sciences</i> , 2018, 384, 7-9.	0.6	4

#	ARTICLE	IF	CITATIONS
73	Clinical Applications of rTMS in Parkinson's Disease. , 2016, , 129-145.		3
74	Multinodular and vacuolating neuronal tumor (MVNT): A presumably incidental and asymptomatic case in an intractable epilepsy patient. Clinical Neurophysiology Practice, 2019, 4, 164-167.	1.4	3
75	Changes in Balance, Gait and Electroencephalography Oscillations after Robot-Assisted Gait Training: An Exploratory Study in People with Chronic Stroke. Brain Sciences, 2020, 10, 821.	2.3	3
76	Motor neuron disease with saccadic abnormalities similar to progressive supranuclear palsy. Neurology and Clinical Neuroscience, 2016, 4, 146-152.	0.4	2
77	Development of a novel system to quantify the spatial-temporal parameters for crutch-assisted quadrupedal gait. Advanced Robotics, 2017, 31, 80-87.	1.8	2
78	Saccades abnormalities in posterior cortical atrophy - A case report. Clinical Neurophysiology, 2017, 128, 349-350.	1.5	1
79	Rituximab improves not only back stiffness but also -stiff eyes-in stiff person syndrome: Implications for immune-mediated treatment. Journal of the Neurological Sciences, 2020, 408, 116506.	0.6	1
80	Premature saccades: A detailed physiological analysis. Clinical Neurophysiology, 2021, 132, 63-76.	1.5	1
81	Outcomes of gastrointestinal cancer surgeries in Parkinson's disease patients: A nationwide study. Parkinsonism and Related Disorders, 2022, 96, 45-49.	2.2	1
82	Independent predictors of ischemic stroke in the elderly: Prospective data from a stroke unit. Neurology, 2013, 81, 1882-1882.	1.1	0
83	Novel mutation in the membrane metalloendopeptidase gene in a patient with the autosomal recessive form of Charcot-Marie-Tooth disease. Neurology and Clinical Neuroscience, 2017, 5, 124-126.	0.4	0
84	S153. Changes of triad-conditioning facilitation in various neurological disorders. Clinical Neurophysiology, 2018, 129, e198-e199.	1.5	0
85	S161. Eye-hand coordination in hereditary spinocerebellar degeneration. Clinical Neurophysiology, 2018, 129, e201-e202.	1.5	0
86	T124. Effect of subthreshold paired associative stimulation during voluntary contraction on different forms of motor learning. Clinical Neurophysiology, 2018, 129, e50-e51.	1.5	0
87	Recording Horizontal Saccade Performances Accurately in Neurological Patients Using Electro-oculogram. Journal of Visualized Experiments, 2018, , .	0.3	0
88	Prominent Spasticity and Hyperreflexia of the Legs in a Nepalese Patient with Friedreich Ataxia. Internal Medicine, 2019, 58, 2865-2869.	0.7	0
89	Severe visual impairment and subclinical encephalitis preceding clinical signs of chondritis in relapsing polychondritis. Neurology and Clinical Neuroscience, 2019, 7, 75-77.	0.4	0
90	Quantification of Temporal Parameters for Tripedalism. Advances in Intelligent Systems and Computing, 2017, , 31-37.	0.6	0

#	ARTICLE	IF	CITATIONS
91	Magnetic Stimulation Therapy for Parkinson's Disease. The Japanese Journal of Rehabilitation Medicine, 2019, 56, 44-47.	0.0	0