

# Ulf Ziemann

## List of Publications by Year in Descending Order

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

379  
papers

32,005  
citations

90  
h-index

172  
g-index

452  
ext. papers

38,214  
ext. citations

4.9  
avg, IF

7.31  
L-index

#	Paper	IF	Citations
379	Rescue Revascularisation in Acute Internal Carotid Artery Occlusion with a Super Extended Time Window of More than 48 hours.. <i>Case Reports in Neurological Medicine</i> , <b>2022</b> , 2022, 9036082	0.7	0
378	Bihemispheric sensorimotor oscillatory network states determine cortical responses to transcranial magnetic stimulation.. <i>Brain Stimulation</i> , <b>2021</b> , 15, 167-178	5.1	0
377	Toward Noninvasive Brain Stimulation 2.0 in Alzheimer's Disease.. <i>Ageing Research Reviews</i> , <b>2021</b> , 75, 101555	12	2
376	Short-interval intracortical inhibition and facilitation targeting upper and lower limb muscles. <i>Scientific Reports</i> , <b>2021</b> , 11, 21993	4.9	0
375	Recording brain responses to TMS of primary motor cortex by EEG - utility of an optimized sham procedure. <i>NeuroImage</i> , <b>2021</b> , 245, 118708	7.9	4
374	Safety and efficacy of erythropoietin for the treatment of patients with optic neuritis (TONE): a randomised, double-blind, multicentre, placebo-controlled study. <i>Lancet Neurology</i> , <b>2021</b> , 20, 991-1000	10.1	1
373	Neurophysiological features in spinocerebellar ataxia type 2: Prospects for novel biomarkers.. <i>Clinical Neurophysiology</i> , <b>2021</b> , 135, 1-12	4.3	0
372	Central nervous system physiology. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 3043-3083	4.3	1
371	Apixaban for treatment of embolic stroke of undetermined source (ATTICUS) randomized trial □ update of patient characteristics and study timeline after interim analysis. <i>European Heart Journal</i> , <b>2021</b> , 42,	9.5	2
370	Causal decoding of individual cortical excitability states. <i>NeuroImage</i> , <b>2021</b> , 245, 118652	7.9	2
369	Sunlight exposure exerts immunomodulatory effects to reduce multiple sclerosis severity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	17
368	Managing disorders of consciousness: the role of electroencephalography. <i>Journal of Neurology</i> , <b>2021</b> , 268, 4033-4065	5.5	15
367	A System for Continuous Pre- to Post-reperfusion Intra-carotid Cold Infusion for Selective Brain Hypothermia in Rodent Stroke Models. <i>Translational Stroke Research</i> , <b>2021</b> , 12, 676-687	7.8	1
366	Delirium REduction after administration of melatonin in acute ischemic stroke (DREAMS): A propensity score-matched analysis. <i>European Journal of Neurology</i> , <b>2021</b> , 28, 1958-1966	6	3
365	Spontaneous phase-coupling within cortico-cortical networks: How time counts for brain-state-dependent stimulation. <i>Brain Stimulation</i> , <b>2021</b> , 14, 404-406	5.1	0
364	Vagus nerve pressure palsy in hereditary neuropathy with liability to pressure palsies confirmed by neurosonography. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 975-976	4.3	0
363	Deceleration capacity for rapid risk stratification in patients suffering from acute ischemic stroke: A prospective exploratory pilot study. <i>Medicine (United States)</i> , <b>2021</b> , 100, e25333	1.8	1

362	Closure or medical therapy of patent foramen ovale in cryptogenic stroke: prospective case series. <i>Neurological Research and Practice</i> , <b>2021</b> , 3, 16	3.2	3
361	TMS-EEG signatures of glutamatergic neurotransmission in human cortex. <i>Scientific Reports</i> , <b>2021</b> , 11, 8159	4.9	12
360	A degraded state of consciousness in healthy awake humans?. <i>Brain Stimulation</i> , <b>2021</b> , 14, 710-712	5.1	1
359	Treatment of progressive multiple sclerosis with high-dose all-trans retinoic acid - no clear evidence of positive disease modifying effects. <i>Neurological Research and Practice</i> , <b>2021</b> , 3, 25	3.2	0
358	The use of IV immunoglobulin in the treatment of vaccine-induced immune thrombotic thrombocytopenia. <i>Blood</i> , <b>2021</b> , 138, 992-996	2.2	11
357	Prefrontal Theta-Phase Synchronized Brain Stimulation With Real-Time EEG-Triggered TMS. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 691821	3.3	5
356	Training in the practice of noninvasive brain stimulation: Recommendations from an IFCN committee. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 819-837	4.3	10
355	Prodromal Spinocerebellar Ataxia Type 2 Subjects Have Quantifiable Gait and Postural Sway Deficits. <i>Movement Disorders</i> , <b>2021</b> , 36, 471-480	7	8
354	Safety and recommendations for TMS use in healthy subjects and patient populations, with updates on training, ethical and regulatory issues: Expert Guidelines. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 269-306	4.3	13 <sup>0</sup>
353	TMS-Evoked EEG Response in Neuropsychiatric Disorders <b>2021</b> , 95-106		
352	Point-of-care testing for emergency assessment of coagulation in patients treated with direct oral anticoagulants including edoxaban. <i>Neurological Research and Practice</i> , <b>2021</b> , 3, 9	3.2	6
351	Phase-dependent offline enhancement of human motor memory. <i>Brain Stimulation</i> , <b>2021</b> , 14, 873-883	5.1	1
350	Motor cortical excitability and paired-associative stimulation-induced plasticity in amnesic mild cognitive impairment and Alzheimer's disease. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 2264-2273	4.3	2
349	Effect of stimulus orientation and intensity on short-interval intracortical inhibition (SICI) and facilitation (SICF): A multi-channel transcranial magnetic stimulation study. <i>PLoS ONE</i> , <b>2021</b> , 16, e0257554	3.7	3
348	Spontaneous transient brain states in EEG source space in disorders of consciousness. <i>NeuroImage</i> , <b>2021</b> , 240, 118407	7.9	1
347	Specific Point-of-Care Testing of Coagulation in Patients Treated with Dabigatran. <i>Thrombosis and Haemostasis</i> , <b>2021</b> , 121, 782-791	7	1
346	Machine learning identifies stroke features between species. <i>Theranostics</i> , <b>2021</b> , 11, 3017-3034	12.1	3
345	Occurrence of primary progressive multiple sclerosis in a patient with argyria: Causality or coincidence?. <i>Multiple Sclerosis and Related Disorders</i> , <b>2020</b> , 46, 102465	4	2

344	Investigating the influence of paired-associative stimulation on multi-session skill acquisition and retention in older adults. <i>Clinical Neurophysiology</i> , <b>2020</b> , 131, 1497-1507	4.3	4
343	Brain responsivity provides an individual readout for motor recovery after stroke. <i>Brain</i> , <b>2020</b> , 143, 1873-1888	16	
342	Clinical implications of serum neurofilament in newly diagnosed MS patients: A longitudinal multicentre cohort study. <i>EBioMedicine</i> , <b>2020</b> , 56, 102807	8.8	30
341	Interhemispheric symmetry of $\mu$ -rhythm phase-dependency of corticospinal excitability. <i>Scientific Reports</i> , <b>2020</b> , 10, 7853	4.9	4
340	Explorative study of emerging blood biomarkers in progressive multiple sclerosis (EmBioProMS): Design of a prospective observational multicentre pilot study. <i>Contemporary Clinical Trials Communications</i> , <b>2020</b> , 18, 100574	1.8	1
339	EMG Rectification Is Detrimental for Identifying Abnormalities in Corticomuscular and Intermuscular Coherence in Spinocerebellar Ataxia Type 2. <i>Cerebellum</i> , <b>2020</b> , 19, 665-671	4.3	5
338	I-waves in motor cortex revisited. <i>Experimental Brain Research</i> , <b>2020</b> , 238, 1601-1610	2.3	21
337	Early Administration of Desmopressin and Platelet Transfusion for Reducing Hematoma Expansion in Patients With Acute Antiplatelet Therapy Associated Intracerebral Hemorrhage. <i>Critical Care Medicine</i> , <b>2020</b> , 48, 1009-1017	1.4	9
336	The effects of NMDA receptor blockade on TMS-evoked EEG potentials from prefrontal and parietal cortex. <i>Scientific Reports</i> , <b>2020</b> , 10, 3168	4.9	17
335	The shaky ground truth of real-time phase estimation. <i>NeuroImage</i> , <b>2020</b> , 214, 116761	7.9	16
334	Point-of-care testing of coagulation in patients treated with edoxaban. <i>Journal of Thrombosis and Thrombolysis</i> , <b>2020</b> , 50, 632-639	5.1	3
333	Longitudinal prevalence and determinants of pain in multiple sclerosis: results from the German National Multiple Sclerosis Cohort study. <i>Pain</i> , <b>2020</b> , 161, 787-796	8	12
332	Monitoring of low dabigatran concentrations: diagnostic performance at clinically relevant decision thresholds. <i>Journal of Thrombosis and Thrombolysis</i> , <b>2020</b> , 49, 457-467	5.1	3
331	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS): An update (2014-2018). <i>Clinical Neurophysiology</i> , <b>2020</b> , 131, 474-528	4.3	411
330	Genetic determinants of the humoral immune response in MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2020</b> , 7,	9.1	3
329	Phase-dependent transcranial magnetic stimulation of the lesioned hemisphere is accurate after stroke. <i>Brain Stimulation</i> , <b>2020</b> , 13, 1354-1357	5.1	3
328	Differential effects of disease modifying drugs on peripheral blood B cell subsets: A cross sectional study in multiple sclerosis patients treated with interferon- $\beta$ glatiramer acetate, dimethyl fumarate, fingolimod or natalizumab. <i>PLoS ONE</i> , <b>2020</b> , 15, e0235449	3.7	8
327	Complicated Carotid Artery Plaques as a Cause of Cryptogenic Stroke. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 2212-2222	15.1	30

326	Induction of LTD-like corticospinal plasticity by low-frequency rTMS depends on pre-stimulus phase of sensorimotor $\beta$ rhythm. <i>Brain Stimulation</i> , <b>2020</b> , 13, 1580-1587	5.1	9
325	Specific Induction of Double Negative B Cells During Protective and Pathogenic Immune Responses. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 606338	8.4	9
324	Optimizing Patient Selection for Interhospital Transfer and Endovascular Therapy in Acute Ischemic Stroke: Real-World Data From a Supraregional, Hub-and-Spoke Neurovascular Network in Germany. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 600917	4.1	4
323	Brain State-dependent Gain Modulation of Corticospinal Output in the Active Motor System. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 371-381	5.1	6
322	Brain oscillation-synchronized stimulation of the left dorsolateral prefrontal cortex in depression using real-time EEG-triggered TMS. <i>Brain Stimulation</i> , <b>2020</b> , 13, 197-205	5.1	25
321	Rapid motor cortical reorganization following subacute spinal cord dysfunction. <i>Brain Stimulation</i> , <b>2020</b> , 13, 783-785	5.1	2
320	Brain State-dependent Brain Stimulation with Real-time Electroencephalography-Triggered Transcranial Magnetic Stimulation. <i>Journal of Visualized Experiments</i> , <b>2019</b> ,	1.6	4
319	Human immunodeficiency virus and multiple sclerosis: a review of the literature. <i>Neurological Research and Practice</i> , <b>2019</b> , 1, 24	3.2	2
318	Inhibition in the somatosensory system: An integrative neuropharmacological and neuroimaging approach. <i>NeuroImage</i> , <b>2019</b> , 202, 116139	7.9	2
317	The motor band sign in ALS: presentations and frequencies in a consecutive series of ALS patients. <i>Journal of the Neurological Sciences</i> , <b>2019</b> , 406, 116440	3.2	9
316	Reproducibility in TMS-EEG studies: A call for data sharing, standard procedures and effective experimental control. <i>Brain Stimulation</i> , <b>2019</b> , 12, 787-790	5.1	58
315	Clinical utility and prospective of TMS-EEG. <i>Clinical Neurophysiology</i> , <b>2019</b> , 130, 802-844	4.3	123
314	Amyotrophic lateral sclerosis: Origins traced to impaired balance between neural excitation and inhibition in the neonatal period. <i>Muscle and Nerve</i> , <b>2019</b> , 60, 232-235	3.4	18
313	Longitudinal cortical network reorganization in early relapsing-remitting multiple sclerosis. <i>Therapeutic Advances in Neurological Disorders</i> , <b>2019</b> , 12, 1756286419838673	6.6	17
312	Visuomotor task acquisition is reduced by priming paired associative stimulation in older adults. <i>Neurobiology of Aging</i> , <b>2019</b> , 81, 67-76	5.6	5
311	Median nerve dissection after brachial artery catheterization revealed by high-resolution ultrasound. <i>Clinical Neurophysiology</i> , <b>2019</b> , 130, 1081-1082	4.3	1
310	Association of Intrathecal Immunoglobulin G Synthesis With Disability Worsening in Multiple Sclerosis. <i>JAMA Neurology</i> , <b>2019</b> , 76, 841-849	17.2	28
309	Methods for analysis of brain connectivity: An IFCN-sponsored review. <i>Clinical Neurophysiology</i> , <b>2019</b> , 130, 1833-1858	4.3	54

308	Corticosteroid-responsive aseptic meningitis during regorafenib treatment. <i>Neuro-Oncology Practice</i> , <b>2019</b> , 6, 508-509	2.2	1
307	Pulsed Facilitation of Corticospinal Excitability by the Sensorimotor $\beta$ Alpha Rhythm. <i>Journal of Neuroscience</i> , <b>2019</b> , 39, 10034-10043	6.6	22
306	Phase of sensorimotor $\beta$ oscillation modulates cortical responses to transcranial magnetic stimulation of the human motor cortex. <i>Journal of Physiology</i> , <b>2019</b> , 597, 5671-5686	3.9	17
305	Recurrent ischaemic cerebrovascular events as presenting manifestations of myeloproliferative neoplasms. <i>European Journal of Neurology</i> , <b>2019</b> , 26, 903-e64	6	10
304	Alpha-Synchronized Stimulation of the Dorsolateral Prefrontal Cortex (DLPFC) in Major Depression: A Proof-of-Principle EEG-TMS Study. <i>Biosystems and Biorobotics</i> , <b>2019</b> , 1080-1083	0.2	
303	Brain-State Dependent Stimulation in Human Motor Cortex for Plasticity Induction Using EEG-TMS. <i>Biosystems and Biorobotics</i> , <b>2019</b> , 1057-1060	0.2	
302	Role of EMG Rectification for Corticomuscular and Intermuscular Coherence Estimation of Spinocerebellar Ataxia Type 2 (SCA2). <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 306-315	0.9	2
301	Pharmacophysiology of TMS-evoked EEG potentials: A mini-review. <i>Brain Stimulation</i> , <b>2019</b> , 12, 829-831	5.1	17
300	Neuroaesthetical Changes in Sculpture: The Case of Yannoulis Halepas (1851-1938). <i>European Neurology</i> , <b>2019</b> , 82, 116-123	2.1	
299	Delirium Screening in Aphasic Patients With the Intensive Care Delirium Screening Checklist (ICDSC): A Prospective Cohort Study. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 1198	4.1	10
298	Effects of continuous theta-burst stimulation of the primary motor and secondary somatosensory areas on the central processing and the perception of trigeminal nociceptive input in healthy volunteers. <i>Pain</i> , <b>2019</b> , 160, 172-186	8	7
297	Musical Sonification of Arm Movements in Stroke Rehabilitation Yields Limited Benefits. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 1378	5.1	14
296	Changes in motor cortical excitability in schizophrenia following transcranial direct current stimulation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2019</b> , 90, 43-48	5.5	6
295	Effects of antiepileptic drugs on cortical excitability in humans: A TMS-EMG and TMS-EEG study. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 1276-1289	5.9	29
294	Sensorimotor Oscillatory Phase-Power Interaction Gates Resting Human Corticospinal Output. <i>Cerebral Cortex</i> , <b>2019</b> , 29, 3766-3777	5.1	24
293	EEG-triggered TMS reveals stronger brain state-dependent modulation of motor evoked potentials at weaker stimulation intensities. <i>Brain Stimulation</i> , <b>2019</b> , 12, 110-118	5.1	49
292	Progression of corticospinal tract dysfunction in pre-ataxic spinocerebellar ataxia type 2: A two-years follow-up TMS study. <i>Clinical Neurophysiology</i> , <b>2018</b> , 129, 895-900	4.3	13
291	Reply to "is it significant? Is it relevant?". <i>Clinical Neurophysiology</i> , <b>2018</b> , 129, 887	4.3	

290	Recruitment of Additional Corticospinal Pathways in the Human Brain with State-Dependent Paired Associative Stimulation. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 1396-1407	6.6	25
289	The effects of a single dose of fluoxetine on practice-dependent plasticity. <i>Clinical Neurophysiology</i> , <b>2018</b> , 129, 1349-1356	4.3	3
288	Short-interval and long-interval intracortical inhibition of TMS-evoked EEG potentials. <i>Brain Stimulation</i> , <b>2018</b> , 11, 818-827	5.1	29
287	Treatment choices and neuropsychological symptoms of a large cohort of early MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2018</b> , 5, e446	9.1	40
286	Sensorimotor mu-alpha power is positively related to corticospinal excitability. <i>Brain Stimulation</i> , <b>2018</b> , 11, 1119-1122	5.1	28
285	Reduced Performance During a Sentence Repetition Task by Continuous Theta-Burst Magnetic Stimulation of the Pre-supplementary Motor Area. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 361	5.1	3
284	Cortical Excitability and Interhemispheric Connectivity in Early Relapsing-Remitting Multiple Sclerosis Studied With TMS-EEG. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 393	5.1	19
283	Management of Embolic Stroke of Undetermined Source (ESUS). <i>Drugs</i> , <b>2018</b> , 78, 823-831	12.1	9
282	Comparison of cortical EEG responses to realistic sham versus real TMS of human motor cortex. <i>Brain Stimulation</i> , <b>2018</b> , 11, 1322-1330	5.1	50
281	Extended enhancement of corticospinal connectivity with concurrent cortical and peripheral stimulation controlled by sensorimotor desynchronization. <i>Brain Stimulation</i> , <b>2018</b> , 11, 1331-1335	5.1	9
280	Transcranial magnetic stimulation in hereditary ataxias: Diagnostic utility, pathophysiological insight and treatment. <i>Clinical Neurophysiology</i> , <b>2018</b> , 129, 1688-1698	4.3	13
279	Modulation of cortical responses by transcranial direct current stimulation of dorsolateral prefrontal cortex: A resting-state EEG and TMS-EEG study. <i>Brain Stimulation</i> , <b>2018</b> , 11, 1024-1032	5.1	27
278	Real-time EEG-defined excitability states determine efficacy of TMS-induced plasticity in human motor cortex. <i>Brain Stimulation</i> , <b>2018</b> , 11, 374-389	5.1	150
277	Histiocytic necrotising lymphadenitis identical to Kikuchi-Fujimoto disease in CNS lupus. <i>BMJ Case Reports</i> , <b>2018</b> , 2018,	0.9	1
276	Limitations of Specific Coagulation Tests for Direct Oral Anticoagulants: A Critical Analysis. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7, e009807	6	29
275	βrhythm Extracted With Personalized EEG Filters Correlates With Corticospinal Excitability in Real-Time Phase-Triggered EEG-TMS. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 954	5.1	18
274	Nil effects of βrhythm phase-dependent burst-rTMS on cortical excitability in humans: A resting-state EEG and TMS-EEG study. <i>PLoS ONE</i> , <b>2018</b> , 13, e0208747	3.7	6
273	Phase Synchronicity of βrhythm Determines Efficacy of Interhemispheric Communication Between Human Motor Cortices. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 10525-10534	6.6	26



272	Apheresis therapies for NMOSD attacks: A retrospective study of 207 therapeutic interventions. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2018</b> , 5, e504	9.1	111
271	Event-related desynchronization during movement attempt and execution in severely paralyzed stroke patients: An artifact removal relevance analysis. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 972-986	5.3	16
270	Intraspinal intradural nodular fasciitis mimicking glioblastoma metastasis: a case report. <i>Folia Neuropathologica</i> , <b>2018</b> , 56, 75-79	2.6	1
269	Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. <i>Cell</i> , <b>2018</b> , 175, 1679-1687.e72	16.8	72
268	Cardiac Myxoma and Cerebrovascular Events: A Retrospective Cohort Study. <i>Frontiers in Neurology</i> , <b>2018</b> , 9, 823	4.1	24
267	Fourth European stroke science workshop. <i>European Stroke Journal</i> , <b>2018</b> , 3, 206-219	5.6	1
266	Intravenous thrombolysis in acute central retinal artery occlusion - A prospective interventional case series. <i>PLoS ONE</i> , <b>2018</b> , 13, e0198114	3.7	22
265	Multi-parametric quantitative MRI of normal appearing white matter in multiple sclerosis, and the effect of disease activity on T2. <i>Brain Imaging and Behavior</i> , <b>2017</b> , 11, 744-753	4.1	20
264	Thirty years of transcranial magnetic stimulation: where do we stand?. <i>Experimental Brain Research</i> , <b>2017</b> , 235, 973-984	2.3	44
263	Priming theta burst stimulation enhances motor cortex plasticity in young but not old adults. <i>Brain Stimulation</i> , <b>2017</b> , 10, 298-304	5.1	50
262	Guiding transcranial brain stimulation by EEG/MEG to interact with ongoing brain activity and associated functions: A position paper. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 843-857	4.3	140
261	Effects of tDCS on motor learning and memory formation: A consensus and critical position paper. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 589-603	4.3	166
260	Point-of-care testing for emergency assessment of coagulation in patients treated with direct oral anticoagulants. <i>Critical Care</i> , <b>2017</b> , 21, 32	10.8	41
259	Thromboembolic Risk Reduction Via Transseptal Thrombus Aspiration in a Patient With Spontaneous Left Atrial Thrombus and Stroke. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, e57-e59	5	0
258	Assessment and modulation of cortical inhibition using transcranial magnetic stimulation. <i>E-Neuroforum</i> , <b>2017</b> , 23,		3
257	Low intensity transcranial electric stimulation: Safety, ethical, legal regulatory and application guidelines. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 1774-1809	4.3	478
256	Immunotherapies in neuromyelitis optica spectrum disorder: efficacy and predictors of response. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2017</b> , 88, 639-647	5.5	88
255	Modulating motor cortical neuroplasticity with priming paired associative stimulation in young and old adults. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 763-769	4.3	15



254	Plasticity induced by non-invasive transcranial brain stimulation: A position paper. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 2318-2329	4.3	163
253	Early corticospinal tract damage in prodromal SCA2 revealed by EEG-EMG and EMG-EMG coherence. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 2493-2502	4.3	20
252	The impact of GABAergic drugs on TMS-induced brain oscillations in human motor cortex. <i>NeuroImage</i> , <b>2017</b> , 163, 1-12	7.9	50
251	The associative brain at work: Evidence from paired associative stimulation studies in humans. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 2140-2164	4.3	76
250	Polarity-independent effects of tDCS on paired associative stimulation-induced plasticity. <i>Brain Stimulation</i> , <b>2017</b> , 10, 1061-1069	5.1	3
249	Emergency Coagulation Assessment During Treatment With Direct Oral Anticoagulants: Limitations and Solutions. <i>Stroke</i> , <b>2017</b> , 48, 2457-2463	6.7	28
248	Motor cortex excitability in seizure-free STX1B mutation carriers with a history of epilepsy and febrile seizures. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 2503-2509	4.3	3
247	Evidence-based guidelines on the therapeutic use of transcranial direct current stimulation (tDCS). <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 56-92	4.3	750
246	Influence of female sex and fertile age on neuromyelitis optica spectrum disorders. <i>Multiple Sclerosis Journal</i> , <b>2017</b> , 23, 1092-1103	5	42
245	Giant nerves in chronic inflammatory polyradiculoneuropathy. <i>Muscle and Nerve</i> , <b>2017</b> , 55, 285-289	3.4	16
244	Corticomuscular Coherence: a Novel Tool to Assess the Pyramidal Tract Dysfunction in Spinocerebellar Ataxia Type 2. <i>Cerebellum</i> , <b>2017</b> , 16, 602-606	4.3	15
243	Apixaban for treatment of embolic stroke of undetermined source (ATTICUS randomized trial): Rationale and study design. <i>International Journal of Stroke</i> , <b>2017</b> , 12, 985-990	6.3	100
242	Das Departmentmodell in der neurologischen Universitätsmedizin. <i>Aktuelle Neurologie</i> , <b>2017</b> , 44, 381-387		
241	Diagnostic Accuracy of a Novel Chromogenic Direct Thrombin Inhibitor Assay: Clinical Experiences for Dabigatran Monitoring. <i>Thrombosis and Haemostasis</i> , <b>2017</b> , 117, 2369-2375	7	9
240	Lifting the veil on the dynamics of neuronal activities evoked by transcranial magnetic stimulation. <i>ELife</i> , <b>2017</b> , 6,	8.9	27
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2 TMS-EEG signatures of glutamatergic neurotransmission in human cortex 1

1 Predicting motor behavior: an efficient EEG signal processing pipeline to detect brain states with potential therapeutic relevance for VR-based neurorehabilitation. *Virtual Reality*,1 6 1