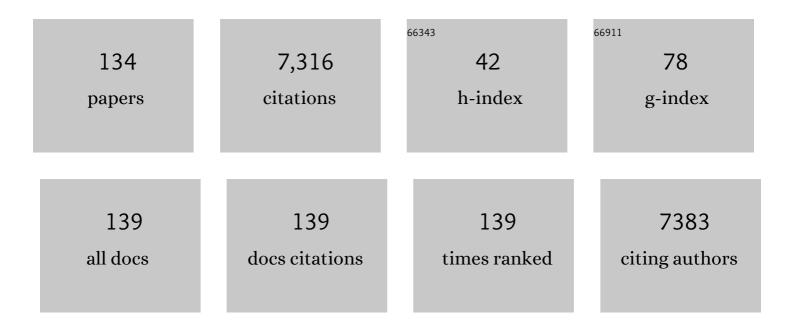
Martin Schecklmann

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Evidence-based guidelines on the therapeutic use of transcranial direct current stimulation (tDCS). Clinical Neurophysiology, 2017, 128, 56-92.	1.5	1,213
2	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS): An update (2014–2018). Clinical Neurophysiology, 2020, 131, 474-528.	1.5	1,017
3	Empathy in children with autism and conduct disorder: groupâ€specific profiles and developmental aspects. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2012, 53, 651-659.	5.2	219
4	Simulation of Near-Infrared Light Absorption Considering Individual Head and Prefrontal Cortex Anatomy: Implications for Optical Neuroimaging. PLoS ONE, 2011, 6, e26377.	2.5	200
5	Functional near-infrared spectroscopy: A long-term reliable tool for measuring brain activity during verbal fluency. NeuroImage, 2008, 43, 147-155.	4.2	156
6	Tinnitus and tinnitus disorder: Theoretical and operational definitions (an international) Tj ETQq0 0 0 rgBT /Overl	ock 10 Tf	50,542 Td (m
7	Phenotypic Characteristics of Hyperacusis in Tinnitus. PLoS ONE, 2014, 9, e86944.	2.5	149
8	Neural correlates of tinnitus duration and Distress: A positron emission tomography study. Human Brain Mapping, 2013, 34, 233-240.	3.6	124
9	Transcutaneous Vagus Nerve Stimulation: Retrospective Assessment of Cardiac Safety in a Pilot Study. Frontiers in Psychiatry, 2012, 3, 70.	2.6	119
10	Relationship between Audiometric Slope and Tinnitus Pitch in Tinnitus Patients: Insights into the Mechanisms of Tinnitus Generation. PLoS ONE, 2012, 7, e34878.	2.5	113
11	Treatment of chronic tinnitus with repeated sessions of prefrontal transcranial direct current stimulation: outcomes from an open-label pilot study. Journal of Neurology, 2012, 259, 327-333.	3.6	104
12	Tinnitus assessment by means of standardized self-report questionnaires: Psychometric properties of the Tinnitus Questionnaire (TQ), the Tinnitus Handicap Inventory (THI), and their short versions in an international and multi-lingual sample. Health and Quality of Life Outcomes, 2012, 10, 128.	2.4	86
13	Insomnia in patients with chronic tinnitus: Cognitive and emotional distress as moderator variables. Journal of Psychosomatic Research, 2016, 83, 65-68.	2.6	86
14	Auditory cortex is implicated in tinnitus distress: a voxel-based morphometry study. Brain Structure and Function, 2013, 218, 1061-1070.	2.3	85
15	Efficacy of different protocols of transcranial magnetic stimulation for the treatment of tinnitus: Pooled analysis of two randomized controlled studies. World Journal of Biological Psychiatry, 2014, 15, 276-285.	2.6	82

16	Reconstructing functional near-infrared spectroscopy (fNIRS) signals impaired by extra-cranial confounds: An easy-to-use filter method. NeuroImage, 2014, 95, 69-79.	4.2	79
17	Feasibility, Safety and Efficacy of Transcutaneous Vagus Nerve Stimulation in Chronic Tinnitus: An Open Pilot Study. Brain Stimulation, 2014, 7, 740-747.	1.6	75

¹⁸Linking the Tinnitus Questionnaire and the subjective Clinical Global Impression: Which differences
are clinically important?. Health and Quality of Life Outcomes, 2012, 10, 79.2.473

#	Article	IF	CITATIONS
19	Innovations in Doctoral Training and Research on Tinnitus: The European School on Interdisciplinary Tinnitus Research (ESIT) Perspective. Frontiers in Aging Neuroscience, 2017, 9, 447.	3.4	72
20	Neuroimaging and Neuromodulation: Complementary Approaches for Identifying the Neuronal Correlates of Tinnitus. Frontiers in Systems Neuroscience, 2012, 6, 15.	2.5	69
21	Can Temporal Repetitive Transcranial Magnetic Stimulation be Enhanced by Targeting Affective Components of Tinnitus with Frontal rTMS? A Randomized Controlled Pilot Trial. Frontiers in Systems Neuroscience, 2011, 5, 88.	2.5	62
22	Diminished prefrontal oxygenation with normal and above-average verbal fluency performance in adult ADHD. Journal of Psychiatric Research, 2008, 43, 98-106.	3.1	61
23	Bilateral prefrontal rTMS and theta burst TMS as an add-on treatment for depression: A randomized placebo controlled trial. World Journal of Biological Psychiatry, 2015, 16, 57-65.	2.6	61
24	Bimodal neuromodulation combining sound and tongue stimulation reduces tinnitus symptoms in a large randomized clinical study. Science Translational Medicine, 2020, 12, .	12.4	61
25	Temporomandibular Joint Disorder Complaints in Tinnitus: Further Hints for a Putative Tinnitus Subtype. PLoS ONE, 2012, 7, e38887.	2.5	61
26	A systematic review on olfaction in child and adolescent psychiatric disorders. Journal of Neural Transmission, 2013, 120, 121-130.	2.8	58
27	Improved Odor Sensitivity in Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2008, 64, 938-940.	1.3	57
28	Structural abnormality of the substantia nigra in children with attention-deficit hyperactivity disorder. Journal of Psychiatry and Neuroscience, 2010, 35, 55-58.	2.4	56
29	The Relevance of the High Frequency Audiometry in Tinnitus Patients with Normal Hearing in Conventional Pure-Tone Audiometry. BioMed Research International, 2015, 2015, 1-5.	1.9	55
30	Reduced prefrontal oxygenation during object and spatial visual working memory in unpolar and bipolar depression. Psychiatry Research - Neuroimaging, 2011, 194, 378-384.	1.8	54
31	Association between brain structure and phenotypic characteristics in pedophilia. Journal of Psychiatric Research, 2013, 47, 678-685.	3.1	54
32	Oxytocin plasma concentrations in children and adolescents with autism spectrum disorder: correlation with autistic symptomatology. ADHD Attention Deficit and Hyperactivity Disorders, 2014, 6, 231-239.	1.7	53
33	Reduced Variability of Auditory Alpha Activity in Chronic Tinnitus. Neural Plasticity, 2014, 2014, 1-9.	2.2	52
34	Multisite rTMS for the Treatment of Chronic Tinnitus: Stimulation of the Cortical Tinnitus Network—A Pilot Study. Brain Topography, 2013, 26, 501-510.	1.8	51
35	The ACDC Pilot Trial: Targeting the Anterior Cingulate by Double Cone Coil rTMS for the Treatment of Depression. Brain Stimulation, 2015, 8, 240-246.	1.6	51
36	Toward Personalized Tinnitus Treatment: An Exploratory Study Based on Internet Crowdsensing. Frontiers in Public Health, 2019, 7, 157.	2.7	51

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37	Prefrontal oxygenation during working memory in ADHD. Journal of Psychiatric Research, 2010, 44, 621-628.	3.1	50
38	Standardised profiling for tinnitus research: The European School for Interdisciplinary Tinnitus Research Screening Questionnaire (ESIT-SQ). Hearing Research, 2019, 377, 353-359.	2.0	48
39	Electroencephalographic Effects of Transcranial Random NoiseÂStimulation in the Auditory Cortex. Brain Stimulation, 2014, 7, 807-812.	1.6	47
40	Altered peripheral BDNF mRNA expression and BDNF protein concentrations in blood of children and adolescents with autism spectrum disorder. Journal of Neural Transmission, 2014, 121, 1117-1128.	2.8	47
41	Differential tinnitus-related neuroplastic alterations of cortical thickness and surface area. Hearing Research, 2016, 342, 1-12.	2.0	47
42	Psychophysiological Associations between Chronic Tinnitus and Sleep: A Cross Validation of Tinnitus and Insomnia Questionnaires. BioMed Research International, 2015, 2015, 1-6.	1.9	46
43	Hypothermia Associated With Antipsychotic Drug Use: A Clinical Case Series and Review of Current Literature. Journal of Clinical Pharmacology, 2012, 52, 1090-1097.	2.0	43
44	Predictors for rTMS response in chronic tinnitus. Frontiers in Systems Neuroscience, 2012, 6, 11.	2.5	43
45	Different Patterns of Hearing Loss among Tinnitus Patients: A Latent Class Analysis of a Large Sample. Frontiers in Neurology, 2017, 8, 46.	2.4	43
46	The Influence of Methylphenidate on Hyperactivity and Attention Deficits in Children With ADHD: A Virtual Classroom Test. Journal of Attention Disorders, 2020, 24, 277-289.	2.6	43
47	Cluster analysis for identifying sub-types of tinnitus: A positron emission tomography and voxel-based morphometry study. Brain Research, 2012, 1485, 3-9.	2.2	40
48	Tinnitus and Headache. BioMed Research International, 2015, 2015, 1-7.	1.9	40
49	Influence of muscle activity on brain oxygenation during verbal fluency assessed with functional near-infrared spectroscopy. Neuroscience, 2010, 171, 434-442.	2.3	39
50	A functional promoter polymorphism of neuronal nitric oxide synthase moderates prefrontal functioning in schizophrenia. International Journal of Neuropsychopharmacology, 2011, 14, 887-897.	2.1	38
51	1-Hz rTMS in the treatment of tinnitus: A sham-controlled, randomized multicenter trial. Brain Stimulation, 2017, 10, 1112-1120.	1.6	38
52	Tinnitus Patients with Comorbid Headaches: The Influence of Headache Type and Laterality on Tinnitus Characteristics. Frontiers in Neurology, 2017, 8, 440.	2.4	38
53	RTMS parameters in tinnitus trials: a systematic review. Scientific Reports, 2019, 9, 12190.	3.3	38
54	The Effect of Environmental Stressors on Tinnitus: A Prospective Longitudinal Study on the Impact of the COVID-19 Pandemic. Journal of Clinical Medicine, 2020, 9, 2756.	2.4	38

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55	Activation of the Prefrontal Cortex in Working Memory and Interference Resolution Processes Assessed with Near-Infrared Spectroscopy. Neuropsychobiology, 2008, 57, 188-193.	1.9	36
56	Altered Frontal and Temporal Brain Function during Olfactory Stimulation in Adult Attention-Deficit/Hyperactivity Disorder. Neuropsychobiology, 2011, 63, 66-76.	1.9	35
57	Combined rTMS treatment targeting the Anterior Cingulate and the Temporal Cortex for the Treatment of Chronic Tinnitus. Scientific Reports, 2016, 5, 18028.	3.3	35
58	Working Memory and Response Inhibition as One Integral Phenotype of Adult ADHD? A Behavioral and Imaging Correlational Investigation. Journal of Attention Disorders, 2013, 17, 470-482.	2.6	34
59	Triple-site rTMS for the treatment of chronic tinnitus: a randomized controlled trial. Scientific Reports, 2016, 6, 22302.	3.3	34
60	The Temporal Muscle of the Head Can Cause Artifacts in Optical Imaging Studies with Functional Near-Infrared Spectroscopy. Frontiers in Human Neuroscience, 2017, 11, 456.	2.0	34
61	Anti-Suicidal Efficacy of Repetitive Transcranial Magnetic Stimulation in Depressive Patients: A Retrospective Analysis of a Large Sample. Frontiers in Psychiatry, 2019, 10, 929.	2.6	34
62	Altered frontal brain oxygenation in detoxified alcohol dependent patients with unaffected verbal fluency performance. Psychiatry Research - Neuroimaging, 2007, 156, 129-138.	1.8	33
63	Towards a unification of treatments and interventions for tinnitus patients: The EU research and innovation action UNITI. Progress in Brain Research, 2021, 260, 441-451.	1.4	31
64	Effects of methylphenidate on olfaction and frontal and temporal brain oxygenation in children with ADHD. Journal of Psychiatric Research, 2011, 45, 1463-1470.	3.1	30
65	Individualized Repetitive Transcranial Magnetic Stimulation Treatment in Chronic Tinnitus?. Frontiers in Neurology, 2017, 8, 126.	2.4	30
66	Arithmetic tasks in different formats and their influence on behavior and brain oxygenation as assessed with near-infrared spectroscopy (NIRS): a study involving primary and secondary school children. Journal of Neural Transmission, 2009, 116, 1689-1700.	2.8	28
67	A Comprehensive Review of Dorsomedial Prefrontal Cortex rTMS Utilizing a Double Cone Coil. Neuromodulation, 2019, 22, 851-866.	0.8	28
68	Paired Associative Stimulation of the Auditory System: A Proof-Of-Principle Study. PLoS ONE, 2011, 6, e27088.	2.5	28
69	Inhibiting the posterior medial prefrontal cortex by rTMS decreases the discrepancy between self and other in Theory of Mind reasoning. Behavioural Brain Research, 2014, 274, 312-318.	2.2	27
70	10 Hz Amplitude Modulated Sounds Induce Short-Term Tinnitus Suppression. Frontiers in Aging Neuroscience, 2017, 9, 130.	3.4	27
71	Functional Near-Infrared Spectroscopy to Probe State- and Trait-Like Conditions in Chronic Tinnitus: A Proof-of-Principle Study. Neural Plasticity, 2014, 2014, 1-8.	2.2	26
72	Speech Comprehension Difficulties in Chronic Tinnitus and Its Relation to Hyperacusis. Frontiers in Aging Neuroscience, 2016, 8, 293.	3.4	26

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73	Stress Reactivity in Chronic Tinnitus. Scientific Reports, 2017, 7, 41521.	3.3	26
74	Big Five Personality Traits are Associated with Tinnitus Improvement Over Time. Scientific Reports, 2019, 9, 18234.	3.3	24
75	Reduction of Tinnitus Severity by the Centrally Acting Muscle Relaxant Cyclobenzaprine: An Open-Label Pilot Study. Audiology and Neuro-Otology, 2012, 17, 179-188.	1.3	23
76	Resting motor threshold and magnetic field output of the figure-of-8 and the double-cone coil. Scientific Reports, 2020, 10, 1644.	3.3	23
77	A direct comparison of neuronavigated and non-neuronavigated intermittent theta burst stimulation in the treatment of depression. Brain Stimulation, 2021, 14, 335-343.	1.6	23
78	Olfaction in child and adolescent anorexia nervosa. Journal of Neural Transmission, 2012, 119, 721-728.	2.8	22
79	Recovery of cortical functioning in abstinent alcohol-dependent patients: Prefrontal brain oxygenation during verbal fluency at different phases during withdrawal. World Journal of Biological Psychiatry, 2012, 13, 135-145.	2.6	21
80	Comparing single-site with multisite rTMS for the treatment of chronic tinnitus – clinical effects and neuroscientific insights: study protocol for a randomized controlled trial. Trials, 2013, 14, 269.	1.6	21
81	ldentifying Tinnitusâ€Related Genes Based on a Sideâ€Effect Network Analysis. CPT: Pharmacometrics and Systems Pharmacology, 2014, 3, 1-10.	2.5	21
82	A systematic review of non-motor rTMS induced motor cortex plasticity. Frontiers in Human Neuroscience, 2015, 9, 416.	2.0	21
83	Neuronavigated left temporal continuous theta burst stimulation in chronic tinnitus. Restorative Neurology and Neuroscience, 2016, 34, 165-175.	0.7	21
84	The progression of chronic tinnitus over the years. Scientific Reports, 2021, 11, 4162.	3.3	20
85	NOS1 ex1f-VNTR polymorphism influences prefrontal brain oxygenation during a working memory task. NeuroImage, 2011, 57, 1617-1623.	4.2	19
86	Brain stimulationâ€induced neuroplasticity underlying therapeutic response in phantom sounds. Human Brain Mapping, 2018, 39, 554-562.	3.6	19
87	Repetitive transcranial magnetic stimulation induces oscillatory power changes in chronic tinnitus. Frontiers in Cellular Neuroscience, 2015, 9, 421.	3.7	18
88	Comparison of Amplitude Modulated Sounds and Pure Tones at the Tinnitus Frequency: Residual Tinnitus Suppression and Stimulus Evaluation. Trends in Hearing, 2019, 23, 233121651983384.	1.3	18
89	Amplitude Modulated Noise for Tinnitus Suppression in Tonal and Noise-Like Tinnitus. Audiology and Neuro-Otology, 2019, 24, 309-321.	1.3	18
90	From Acute to Chronic Tinnitus: Pilot Data on Predictors and Progression. Frontiers in Neurology, 2020, 11, 997.	2.4	18

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91	Structural Brain Changes Following Left Temporal Low-Frequency rTMS in Patients with Subjective Tinnitus. Neural Plasticity, 2014, 2014, 1-10.	2.2	17
92	Antipsychotic treatment with quetiapine increases the cortical silent period. Schizophrenia Research, 2014, 156, 128-132.	2.0	17
93	Validation of Screening Questions for Hyperacusis in Chronic Tinnitus. BioMed Research International, 2015, 2015, 1-7.	1.9	17
94	TMS-related potentials and artifacts in combined TMS-EEG measurements: Comparison of three different TMS devices. Neurophysiologie Clinique, 2015, 45, 159-166.	2.2	17
95	Can repetitive transcranial magnetic stimulation prolong the antidepressant effects of sleep deprivation?. Brain Stimulation, 2012, 5, 141-147.	1.6	16
96	Daily high-frequency transcranial random noise stimulation of bilateral temporal cortex in chronic tinnitus – a pilot study. Scientific Reports, 2019, 9, 12274.	3.3	16
97	A proof-of-concept study on the combination of repetitive transcranial magnetic stimulation and relaxation techniques in chronic tinnitus. Journal of Neural Transmission, 2016, 123, 1147-1157.	2.8	13
98	Unification of Treatments and Interventions for Tinnitus Patients (UNITI): a study protocol for a multi-center randomized clinical trial. Trials, 2021, 22, 875.	1.6	12
99	Olfactory deficits in deletion syndrome 22q11.2. Schizophrenia Research, 2011, 129, 220-221.	2.0	11
100	Transcranial magnetic stimulation in the treatment of depression during pregnancy: a review. Archives of Women's Mental Health, 2020, 23, 469-478.	2.6	11
101	<i>NOS1</i> ex1fâ€VNTR polymorphism affects prefrontal oxygenation during response inhibition tasks. Human Brain Mapping, 2012, 33, 2561-2571.	3.6	10
102	Efficacy and Safety of Repeated Courses of rTMS Treatment in Patients with Chronic Subjective Tinnitus. BioMed Research International, 2015, 2015, 1-7.	1.9	10
103	Comparing Three Established Methods for Tinnitus Pitch Matching With Respect to Reliability, Matching Duration, and Subjective Satisfaction. Trends in Hearing, 2019, 23, 233121651988724.	1.3	10
104	Attention Networks in the Parietooccipital Cortex Modulate Activity of the Human Vestibular Cortex during Attentive Visual Processing. Journal of Neuroscience, 2020, 40, 1110-1119.	3.6	10
105	Amygdalohippocampal neuroplastic changes following neuroleptic treatment with quetiapine in first-episode schizophrenia. International Journal of Neuropsychopharmacology, 2014, 17, 833-843.	2.1	9
106	Changes in motor cortex excitability associated with temporal repetitive transcranial magnetic stimulation in tinnitus: hints for cross-modal plasticity?. BMC Neuroscience, 2014, 15, 71.	1.9	9
107	Effects of Acoustic Paired Associative Stimulation on Late Auditory Evoked Potentials. Brain Topography, 2019, 32, 343-353.	1.8	9
108	Bifrontal high-frequency transcranial random noise stimulation is not effective as an add-on treatment in depression. Journal of Psychiatric Research, 2021, 132, 116-122.	3.1	9

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109	Neurophysiological correlates of residual inhibition in tinnitus: Hints for trait-like EEG power spectra. Clinical Neurophysiology, 2021, 132, 1694-1707.	1.5	9
110	A Pilot Study of Peripheral Muscle Magnetic Stimulation as Add-on Treatment to Repetitive Transcranial Magnetic Stimulation in Chronic Tinnitus. Frontiers in Neuroscience, 2018, 12, 68.	2.8	8
111	Attenuation of antidepressive effects of transcranial magnetic stimulation in patients whose medication includes drugs for psychosis. Journal of Psychopharmacology, 2020, 34, 1119-1124.	4.0	8
112	Conventional versus notch filter amplification for the treatment of tinnitus in adults with mild-to-moderate hearing loss. Progress in Brain Research, 2021, 260, 235-252.	1.4	8
113	Paired Associative Stimulation of the Temporal Cortex: Effects on the Auditory Steady-State Response. Frontiers in Psychiatry, 2017, 8, 227.	2.6	7
114	Repetitive Transcranial Magnetic Stimulation as a Potential Tool to Reduce Sexual Arousal: A Proof of Concept Study. Journal of Sexual Medicine, 2020, 17, 1553-1559.	0.6	7
115	Short-Term Tinnitus Suppression With Electric-Field Guided rTMS for Individualizing rTMS Treatment: A Technical Feasibility Report. Frontiers in Neurology, 2020, 11, 86.	2.4	6
116	Prolonged tinnitus suppression after short-term acoustic stimulation. Progress in Brain Research, 2021, 262, 159-174.	1.4	6
117	Insights from the third international conference on hyperacusis: causes, evaluation, diagnosis, and treatment. Noise and Health, 2018, 20, 162-170.	0.5	6
118	Effectiveness of Repetitive Transcranial Magnetic Stimulation in the Treatment of Bipolar Disorder in Comparison to the Treatment of Unipolar Depression in a Naturalistic Setting. Brain Sciences, 2022, 12, 298.	2.3	6
119	Is motor cortex excitability associated with personality factors? A replication study. International Journal of Psychophysiology, 2012, 83, 323-327.	1.0	5
120	Neural correlates of response inhibition in patients with bipolar disorder during acute versus remitted phase. World Journal of Biological Psychiatry, 2019, 20, 637-646.	2.6	5
121	The more the merrier? Preliminary results regarding treatment duration and stimulation frequency of multisite repetitive transcranial magnetic stimulation in chronic tinnitus. Progress in Brain Research, 2021, 262, 287-307.	1.4	5
122	Heading for Personalized rTMS in Tinnitus: Reliability of Individualized Stimulation Protocols in Behavioral and Electrophysiological Responses. Journal of Personalized Medicine, 2021, 11, 536.	2.5	5
123	Electrophysiological evaluation of high and low-frequency transcranial random noise stimulation over the auditory cortex. Progress in Brain Research, 2020, 263, 95-108.	1.4	5
124	State- and Trait-Related Alterations of Motor Cortex Excitability in Tinnitus Patients. PLoS ONE, 2014, 9, e85015.	2.5	4
125	Reply to the letter of Robert L. Folmer: Does treatment response depend on the type of stimulation device?. Brain Stimulation, 2017, 10, 1123-1124.	1.6	3
126	Increased short-interval intracortical inhibition in un-medicated patients with schizophrenia. Brain Stimulation, 2018, 11, 1080-1082.	1.6	3

#	Article	IF	CITATIONS
127	Prediction of response to repetitive transcranial magnetic stimulation in phantom sounds based on individual brain anatomy. Brain Communications, 2021, 3, fcab115.	3.3	3
128	Personalization of Repetitive Transcranial Magnetic Stimulation for the Treatment of Chronic Subjective Tinnitus. Brain Sciences, 2022, 12, 203.	2.3	3
129	Altered brain responses to emotional facial expressions in tinnitus patients. Progress in Brain Research, 2021, 262, 189-207.	1.4	2
130	Impact of personality on acoustic tinnitus suppression and emotional reaction to stimuli sounds. Progress in Brain Research, 2021, 260, 187-203.	1.4	2
131	Rationale and study design of a trial to assess rTMS add-on value for the amelioration of negative symptoms of schizophrenia (RADOVAN). Contemporary Clinical Trials Communications, 2022, 26, 100891.	1.1	2
132	Response to the comment on Schecklmann et al.: a call to consider both "negative―and "positive― results in brain research on tinnitus. Brain Structure and Function, 2013, 218, 1073-1074.	2.3	1
133	Recovery of cortical functioning in abstinent alcohol dependent patients? Prefrontal brain oxygenation during verbal fluency at different phases during withdrawal. European Psychiatry, 2011, 26, 32-32.	0.2	Ο
134	Reply to the "Letter to the Editor: How some brain stimulation studies fail to evaluate blinding adequately― Journal of Psychiatric Research, 2021, 138, 1-2.	3.1	0