Berthold Langguth

List of Publications by Year
in descending order

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205 papers	13,002 citations	44069 48 h-index	29157 104 g-index
217 all docs	217 docs citations	217 times ranked	8981 citing authors

#	Article	IF	Citations
1	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS). Clinical Neurophysiology, 2014, 125, 2150-2206.	1.5	1,647
2	Evidence-based guidelines on the therapeutic use of transcranial direct current stimulation (tDCS). Clinical Neurophysiology, 2017, 128, 56-92.	1.5	1,213
3	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS): An update (2014â€“2018). Clinical Neurophysiology, 2020, 131, 474-528.	1.5	1,017
4	Tinnitus: causes and clinical management. Lancet Neurology, The, 2013, 12, 920-930.	10.2	541
5	Phantom percepts: Tinnitus and pain as persisting aversive memory networks. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8075-8080.	7.1	532
6	Maladaptive plasticity in tinnitus â€” triggers, mechanisms and treatment. Nature Reviews Neurology, 2016, 12, 150-160.	10.1	317
7	An integrative model of auditory phantom perception: Tinnitus as a unified percept of interacting separable subnetworks. Neuroscience and Biobehavioral Reviews, 2014, 44, 16-32.	6.1	313
8	Tinnitus and depression. World Journal of Biological Psychiatry, 2011, 12, 489-500.	2.6	263
9	Tinnitus: perspectives from human neuroimaging. Nature Reviews Neuroscience, 2015, 16, 632-642.	10.2	255
10	Thalamocortical Dysrhythmia: A Theoretical Update in Tinnitus. Frontiers in Neurology, 2015, 6, 124.	2.4	196
11	Tinnitus Handicap Inventory for Evaluating Treatment Effects. Otolaryngology - Head and Neck Surgery, 2011, 145, 282-287.	1.9	164
12	A review of tinnitus symptoms beyond â€˜ringing in the earsâ€™: a call to action. Current Medical Research and Opinion, 2011, 27, 1635-1643.	1.9	161
13	Editorial: Towards an Understanding of Tinnitus Heterogeneity. Frontiers in Aging Neuroscience, 2019, 11, 53.	3.4	157
14	Psychometric Evaluation of Visual Analog Scale for the Assessment of Chronic Tinnitus. American Journal of Audiology, 2012, 21, 215-225.	1.2	155
15	Methodological aspects of clinical trials in tinnitus: A proposal for an international standard. Journal of Psychosomatic Research, 2012, 73, 112-121.	2.6	152
16	Tinnitus and tinnitus disorder: Theoretical and operational definitions (an international) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (m	1.4	150
17	Phenotypic Characteristics of Hyperacusis in Tinnitus. PLoS ONE, 2014, 9, e86944.	2.5	149
18	Neuronavigated repetitive transcranial magnetic stimulation in patients with tinnitus: a short case series. Biological Psychiatry, 2003, 54, 862-865.	1.3	148

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19	Monogenic variants in dystonia: an exome-wide sequencing study. Lancet Neurology, The, 2020, 19, 908-918.	10.2	139
20	The impact of auditory cortex activity on characterizing and treating patients with chronic tinnitus â€“ first results from a PET study. Acta Oto-Laryngologica, 2006, 126, 84-88.	0.9	126
21	Left Prefrontal High-Frequency Repetitive Transcranial Magnetic Stimulation for the Treatment of Schizophrenia with Predominant Negative Symptoms: A Sham-Controlled, Randomized Multicenter Trial. Biological Psychiatry, 2015, 77, 979-988.	1.3	122
22	A multidisciplinary systematic review of the treatment for chronic idiopathic tinnitus. European Archives of Oto-Rhino-Laryngology, 2017, 274, 2079-2091.	1.6	117
23	Transcranial Magnetic Stimulation for the Treatment of Tinnitus: A New Coil Positioning Method and First Results. Brain Topography, 2006, 18, 241-247.	1.8	115
24	Neuronavigated rTMS in a patient with chronic tinnitus. Effects of 4 weeks treatment. NeuroReport, 2003, 14, 977-980.	1.2	113
25	Emerging pharmacotherapy of tinnitus. Expert Opinion on Emerging Drugs, 2009, 14, 687-702.	2.4	104
26	Measuring the Moment-to-Moment Variability of Tinnitus: The TrackYourTinnitus Smart Phone App. Frontiers in Aging Neuroscience, 2016, 8, 294.	3.4	104
27	Emotional states as mediators between tinnitus loudness and tinnitus distress in daily life: Results from the â€œTrackYourTinnitusâ€•application. Scientific Reports, 2016, 6, 20382.	3.3	99
28	Cognitive behavioural therapy for tinnitus. The Cochrane Library, 2020, 2020, CD012614.	2.8	95
29	Therapeutic Approaches to the Treatment of Tinnitus. Annual Review of Pharmacology and Toxicology, 2019, 59, 291-313.	9.4	78
30	Current pharmacological treatments for tinnitus. Expert Opinion on Pharmacotherapy, 2012, 13, 2495-2509.	1.8	77
31	A view behind the mask of sanity: meta-analysis of aberrant brain activity in psychopaths. Molecular Psychiatry, 2019, 24, 463-470.	7.9	76
32	Controversy: Does repetitive transcranial magnetic stimulation/ transcranial direct current stimulation show efficacy in treating tinnitus patients?. Brain Stimulation, 2008, 1, 192-205.	1.6	75
33	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
34	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
35	Repetitive transcranial magnetic stimulation treatment for depressive disorders. Current Opinion in Psychiatry, 2019, 32, 409-415.	6.3	72
36	Cognitive Effects of High-Frequency rTMS in Schizophrenia Patients With Predominant Negative Symptoms: Results From a Multicenter Randomized Sham-Controlled Trial. Schizophrenia Bulletin, 2016, 42, 608-618.	4.3	71

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37	The burden of mental disorders, substance use disorders and self-harm among young people in Europe, 1990â€“2019: Findings from the Global Burden of Disease Study 2019. Lancet Regional Health - Europe, The, 2022, 16, 100341.	5.6	70
38	Neuroimaging and Neuromodulation: Complementary Approaches for Identifying the Neuronal Correlates of Tinnitus. Frontiers in Systems Neuroscience, 2012, 6, 15.	2.5	69
39	The Role of Contact Media at the Skin-electrode Interface During Transcranial Direct Current Stimulation (tDCS). Brain Stimulation, 2014, 7, 762-764.	1.6	66
40	Bimodal neuromodulation combining sound and tongue stimulation reduces tinnitus symptoms in a large randomized clinical study. Science Translational Medicine, 2020, 12, .	12.4	61
41	High-frequency priming stimulation does not enhance the effect of low-frequency rTMS in the treatment of tinnitus. Experimental Brain Research, 2008, 184, 587-591.	1.5	60
42	Short-Term Effects of Single Repetitive TMS Sessions on Auditory Evoked Activity in Patients With Chronic Tinnitus. Journal of Neurophysiology, 2010, 104, 1497-1505.	1.8	59
43	Mobile Crowd Sensing Services for Tinnitus Assessment, Therapy, and Research. , 2015, , .		59
44	Does Tinnitus Depend on Time-of-Day? An Ecological Momentary Assessment Study with the â€œTrackYourTinnitusâ€•Application. Frontiers in Aging Neuroscience, 2017, 9, 253.	3.4	58
45	Predicting Response to Repetitive Transcranial Magnetic Stimulation in Patients With Schizophrenia Using Structural Magnetic Resonance Imaging: A Multisite Machine Learning Analysis. Schizophrenia Bulletin, 2018, 44, 1021-1034.	4.3	57
46	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
47	The neural basis of sex differences in sexual behavior: A quantitative meta-analysis. Frontiers in Neuroendocrinology, 2016, 43, 28-43.	5.2	53
48	Reduced Variability of Auditory Alpha Activity in Chronic Tinnitus. Neural Plasticity, 2014, 2014, 1-9.	2.2	52
49	Multisite rTMS for the Treatment of Chronic Tinnitus: Stimulation of the Cortical Tinnitus Networkâ€”A Pilot Study. Brain Topography, 2013, 26, 501-510.	1.8	51
50	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
51	Toward Personalized Tinnitus Treatment: An Exploratory Study Based on Internet Crowdsensing. Frontiers in Public Health, 2019, 7, 157.	2.7	51
52	Pre-treatment anterior cingulate activity as a predictor of antidepressant response to repetitive transcranial magnetic stimulation (rTMS). Neuroendocrinology Letters, 2007, 28, 633-8.	0.2	51
53	Treatment of tinnitus. Current Opinion in Otolaryngology and Head and Neck Surgery, 2015, 23, 361-368.	1.8	48
54	Electroencephalographic Effects of Transcranial Random NoiseÂStimulation in the Auditory Cortex. Brain Stimulation, 2014, 7, 807-812.	1.6	47

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55	Differential tinnitus-related neuroplastic alterations of cortical thickness and surface area. Hearing Research, 2016, 342, 1-12.	2.0	47
56	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
57	Emotion dynamics and tinnitus: Daily life data from the â€œTrackYourTinnitusâ€•application. Scientific Reports, 2016, 6, 31166.	3.3	46
58	Prospective crowdsensing versus retrospective ratings of tinnitus variability and tinnitusâ€“stress associations based on the TrackYourTinnitus mobile platform. International Journal of Data Science and Analytics, 2019, 8, 327-338.	4.1	46
59	rTMS Induced Tinnitus Relief Is Related to an Increase in Auditory Cortical Alpha Activity. PLoS ONE, 2013, 8, e55557.	2.5	44
60	Mobile Crowd Sensing in Clinical and Psychological Trials -- A Case Study. , 2015, , .		44
61	Prefrontal transcranial direct current stimulation (tDCS) as treatment for major depression: study design and methodology of a multicenter triple blind randomized placebo controlled trial (DepressionDC). European Archives of Psychiatry and Clinical Neuroscience, 2017, 267, 751-766.	3.2	44
62	Transcranial Magnetic Stimulation for the treatment of tinnitus: Effects on cortical excitability. BMC Neuroscience, 2007, 8, 45.	1.9	43
63	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
64	Outpatient Tinnitus Clinic, Self-Help Web Platform, or Mobile Application to Recruit Tinnitus Study Samples?. Frontiers in Aging Neuroscience, 2017, 9, 113.	3.4	41
65	Avenue for Future Tinnitus Treatments. Otolaryngologic Clinics of North America, 2020, 53, 667-683.	1.1	41
66	Tinnitus and Headache. BioMed Research International, 2015, 2015, 1-7.	1.9	40
67	Psychosurgery Reduces Uncertainty and Increases Free Will? A Review. Neuromodulation, 2016, 19, 239-248.	0.8	40
68	Combining Mobile Crowdsensing and Ecological Momentary Assessments in the Healthcare Domain. Frontiers in Neuroscience, 2020, 14, 164.	2.8	40
69	Diagnostic Criteria for Somatosensory Tinnitus: A Delphi Process and Face-to-Face Meeting to Establish Consensus. Trends in Hearing, 2018, 22, 233121651879640.	1.3	39
70	Repetitive transcranial magnetic stimulation and chronic tinnitus. Acta Oto-Laryngologica, 2006, 126, 102-104.	0.9	38
71	Tinnitus. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 116, 441-467.	1.8	38
72	1-Hz rTMS in the treatment of tinnitus: A sham-controlled, randomized multicenter trial. Brain Stimulation, 2017, 10, 1112-1120.	1.6	38

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73	Tinnitus Patients with Comorbid Headaches: The Influence of Headache Type and Laterality on Tinnitus Characteristics. Frontiers in Neurology, 2017, 8, 440.	2.4	38
74	RTMS parameters in tinnitus trials: a systematic review. Scientific Reports, 2019, 9, 12190.	3.3	38
75	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
76	A neural circuit encoding sexual preference in humans. Neuroscience and Biobehavioral Reviews, 2016, 68, 530-536.	6.1	37
77	Mobile Crowdsensing Services for Tinnitus Assessment and Patient Feedback. , 2017, , .		37
78	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
79	Triple-site rTMS for the treatment of chronic tinnitus: a randomized controlled trial. Scientific Reports, 2016, 6, 22302.	3.3	34
80	Acute effects and after-effects of acoustic coordinated reset neuromodulation in patients with chronic subjective tinnitus. NeuroImage: Clinical, 2017, 15, 541-558.	2.7	34
81	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
82	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
83	Modulation of human motor cortex excitability by quetiapine. Psychopharmacology, 2008, 196, 623-629.	3.1	30
84	Abnormal cross-frequency coupling in the tinnitus network. Frontiers in Neuroscience, 2014, 8, 284.	2.8	30
85	Individualized Repetitive Transcranial Magnetic Stimulation Treatment in Chronic Tinnitus?. Frontiers in Neurology, 2017, 8, 126.	2.4	30
86	Are dysfunctional attitudes and beliefs about sleep unique to primary insomnia?. Sleep Medicine, 2014, 15, 1463-1467.	1.6	29
87	A Comprehensive Review of Dorsomedial Prefrontal Cortex rTMS Utilizing a Double Cone Coil. Neuromodulation, 2019, 22, 851-866.	0.8	28
88	Systematic Review on Healthcare and Societal Costs of Tinnitus. International Journal of Environmental Research and Public Health, 2021, 18, 6881.	2.6	28
89	Impaired Recognition of Facially Expressed Emotions in Different Groups of Patients with Sleep Disorders. PLoS ONE, 2016, 11, e0152754.	2.5	28
90	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

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91	Tinnitus. Evaluation and the Health Professions, 2011, 34, 429-433.	1.9	26
92	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
93	Stress Reactivity in Chronic Tinnitus. Scientific Reports, 2017, 7, 41521.	3.3	26
94	Altered motor cortex excitability in tinnitus patients: a hint at crossmodal plasticity. Neuroscience Letters, 2005, 380, 326-329.	2.1	24
95	Differences between Android and iOS Users of the TrackYourTinnitus Mobile Crowdsensing mHealth Platform. , 2018, , .		24
96	Big Five Personality Traits are Associated with Tinnitus Improvement Over Time. Scientific Reports, 2019, 9, 18234.	3.3	24
97	Severe chronic insomnia is not associated with higher body mass index. Journal of Sleep Research, 2015, 24, 514-517.	3.2	23
98	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
99	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
100	Non-Invasive Neuromodulation for Tinnitus. Journal of Audiology and Otology, 2020, 24, 113-118.	0.8	23
101	Tinnitus: the end of therapeutic nihilism. Lancet, The, 2012, 379, 1926-1928.	13.7	21
102	A systematic review of non-motor rTMS induced motor cortex plasticity. Frontiers in Human Neuroscience, 2015, 9, 416.	2.0	21
103	Neuronavigated left temporal continuous theta burst stimulation in chronic tinnitus. Restorative Neurology and Neuroscience, 2016, 34, 165-175.	0.7	21
104	An update: emerging drugs for tinnitus. Expert Opinion on Emerging Drugs, 2018, 23, 251-260.	2.4	21
105	Corona Healthâ€"A Study- and Sensor-Based Mobile App Platform Exploring Aspects of the COVID-19 Pandemic. International Journal of Environmental Research and Public Health, 2021, 18, 7395.	2.6	21
106	An Examination of KCNE1 Mutations and Common Variants in Chronic Tinnitus. Genes, 2010, 1, 23-37.	2.4	20
107	Acoustic Coordinated Reset Neuromodulation in a Real Life Patient Population with Chronic Tonal Tinnitus. BioMed Research International, 2015, 2015, 1-8.	1.9	20
108	The progression of chronic tinnitus over the years. Scientific Reports, 2021, 11, 4162.	3.3	20

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109	Brain stimulationâ€induced neuroplasticity underlying therapeutic response in phantom sounds. Human Brain Mapping, 2018, 39, 554-562.	3.6	19
110	Efficacy of high-frequency repetitive transcranial magnetic stimulation in schizophrenia patients with treatment-resistant negative symptoms treated with clozapine. Schizophrenia Research, 2019, 208, 370-376.	2.0	19
111	Repetitive transcranial magnetic stimulation induces oscillatory power changes in chronic tinnitus. Frontiers in Cellular Neuroscience, 2015, 9, 421.	3.7	18
112	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
113	Amplitude Modulated Noise for Tinnitus Suppression in Tonal and Noise-Like Tinnitus. Audiology and Neuro-Otology, 2019, 24, 309-321.	1.3	18
114	From Acute to Chronic Tinnitus: Pilot Data on Predictors and Progression. Frontiers in Neurology, 2020, 11, 997.	2.4	18
115	Structural Brain Changes Following Left Temporal Low-Frequency rTMS in Patients with Subjective Tinnitus. Neural Plasticity, 2014, 2014, 1-10.	2.2	17
116	Antipsychotic treatment with quetiapine increases the cortical silent period. Schizophrenia Research, 2014, 156, 128-132.	2.0	17
117	Validation of Screening Questions for Hyperacusis in Chronic Tinnitus. BioMed Research International, 2015, 2015, 1-7.	1.9	17
118	Efficacy of high-frequency repetitive transcranial magnetic stimulation on PANSS factors in schizophrenia with predominant negative symptoms â€“ Results from an exploratory re-analysis. Psychiatry Research, 2018, 263, 22-29.	3.3	17
119	Add-on spironolactone as antagonist of the NRG1-ERBB4 signaling pathway for the treatment of schizophrenia: Study design and methodology of a multicenter randomized, placebo-controlled trial. Contemporary Clinical Trials Communications, 2020, 17, 100537.	1.1	17
120	Imbalance in subregional connectivity of the right temporoparietal junction in major depression. Human Brain Mapping, 2016, 37, 2931-2942.	3.6	16
121	Daily high-frequency transcranial random noise stimulation of bilateral temporal cortex in chronic tinnitus â€“ a pilot study. Scientific Reports, 2019, 9, 12274.	3.3	16
122	Bi-modal stimulation in the treatment of tinnitus: a study protocol for an exploratory trial to optimise stimulation parameters and patient subtyping. BMJ Open, 2017, 7, e018465.	1.9	15
123	Applying Machine Learning to Daily-Life Data From the TrackYourTinnitus Mobile Health Crowdsensing Platform to Predict the Mobile Operating System Used With High Accuracy: Longitudinal Observational Study. Journal of Medical Internet Research, 2020, 22, e15547.	4.3	15
124	Different bimodal neuromodulation settings reduce tinnitus symptoms in a large randomized trial. Scientific Reports, 2022, 12, .	3.3	15
125	Tinnitus and Brain Stimulation. Current Topics in Behavioral Neurosciences, 2021, 51, 249-293.	1.7	14
126	Noninvasive Bimodal Neuromodulation for the Treatment of Tinnitus: Protocol for a Second Large-Scale Double-Blind Randomized Clinical Trial to Optimize Stimulation Parameters. JMIR Research Protocols, 2019, 8, e13176.	1.0	14

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127	Exploring the Time Trend of Stress Levels While Using the Crowdsensing Mobile Health Platform, TrackYourStress, and the Influence of Perceived Stress Reactivity: Ecological Momentary Assessment Pilot Study. JMIR MHealth and UHealth, 2019, 7, e13978.	3.7	14
128	Aberrant prefrontal beta oscillations predict episodic memory encoding deficits in schizophrenia. NeuroImage: Clinical, 2016, 12, 499-505.	2.7	13
129	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
130	Potassium channels as promising new targets for pharmacologic treatment of tinnitus: Can Internet-based â€˜crowd sensingâ€™ initiated by patients speed up the transition from bench to bedside?. Expert Opinion on Therapeutic Targets, 2016, 20, 251-254.	3.4	12
131	SARS-CoV-2 Risk Management in Clinical Psychiatry: A Few Considerations on How to Deal With an Unrivaled Threat. Frontiers in Psychiatry, 2020, 11, 550.	2.6	12
132	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
133	Ecological Momentary Assessment based Differences between Android and iOS Users of the TrackYourHearing mHealth Crowdsensing Platform. , 2019, 2019, 3951-3955.		11
134	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
135	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
136	Using Wearables in the Context of Chronic Disorders: Results of a Pre-Study. , 2016, , .		10
137	Letter to the Editor: Influence of rTMS on smoking in patients with schizophrenia. Schizophrenia Research, 2018, 192, 481-484.	2.0	10
138	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
139	Left prefrontal high-frequency rTMS may improve movement disorder in schizophrenia patients with predominant negative symptoms â€“ A secondary analysis of a sham-controlled, randomized multicenter trial. Schizophrenia Research, 2019, 204, 445-447.	2.0	10
140	Efficient Processing of Geospatial mHealth Data Using a Scalable Crowdsensing Platform. Sensors, 2020, 20, 3456.	3.8	10
141	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
142	Using Big Data to Develop a Clinical Decision Support System for Tinnitus Treatment. Current Topics in Behavioral Neurosciences, 2021, 51, 175-189.	1.7	10
143	Modulation of human motor cortex excitability by the cholinesterase inhibitor rivastigmine. Neuroscience Letters, 2007, 415, 40-44.	2.1	9
144	Modulating functional and dysfunctional mentalizing by transcranial magnetic stimulation. Frontiers in Psychology, 2014, 5, 1309.	2.1	9

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145	Amygdalohippocampal neuroplastic changes following neuroleptic treatment with quetiapine in first-episode schizophrenia. International Journal of Neuropsychopharmacology, 2014, 17, 833-843.	2.1	9
146	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
147	Deep Brain Stimulation for Obsessive Compulsive Disorder Reduces Symptoms of Irritable Bowel Syndrome in a Single Patient. Clinical Gastroenterology and Hepatology, 2015, 13, 1371-1374.e3.	4.4	9
148	Using Mobile Serious Games in the Context of Chronic Disorders: A Mobile Game Concept for the Treatment of Tinnitus. , 2016, , .		9
149	Mobile Crowdsensing for the Juxtaposition of Realtime Assessments and Retrospective Reporting for Neuropsychiatric Symptoms. , 2017, , .		9
150	Machine Learning Findings on Geospatial Data of Users from the TrackYourStress mHealth Crowdsensing Platform. , 2019, , .		9
151	Meta-analytic Evidence for Neural Dysactivity Underlying Sexual Dysfunction. Journal of Sexual Medicine, 2019, 16, 614-617.	0.6	9
152	Effects of Acoustic Paired Associative Stimulation on Late Auditory Evoked Potentials. Brain Topography, 2019, 32, 343-353.	1.8	9
153	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
154	Plasticity of Neural Systems in Tinnitus. Neural Plasticity, 2014, 2014, 1-2.	2.2	8
155	Tinnitus Treatment with Oxytocin: A Pilot Study. Frontiers in Neurology, 2017, 8, 494.	2.4	8
156	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
157	Pharmacotherapy of Tinnitus. Current Topics in Behavioral Neurosciences, 2020, 51, 193-212.	1.7	8
158	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
159	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
160	Methodological Aspects of Randomized Controlled Trials for Tinnitus: A Systematic Review and How a Decision Support System Could Overcome Barriers. Journal of Clinical Medicine, 2021, 10, 1737.	2.4	8
161	Discovering the individual brain: brain stimulation in psychiatry. European Archives of Psychiatry and Clinical Neuroscience, 2017, 267, 109-112.	3.2	7
162	Paired Associative Stimulation of the Temporal Cortex: Effects on the Auditory Steady-State Response. Frontiers in Psychiatry, 2017, 8, 227.	2.6	7

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163	A New Buzz for Tinnitusâ€"Itâ€™s in the Genes!. JAMA Otolaryngology - Head and Neck Surgery, 2020, 146, 1025.	2.2	7
164	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
165	A Case Report on Red Ear Syndrome with Tinnitus Successfully Treated with Transcranial Random Noise Stimulation. Pain Physician, 2017, 20, E199-E205.	0.4	7
166	Design and Implementation of a Scalable Crowdsensing Platform for Geospatial Data of Tinnitus Patients. , 2019, , .		6
167	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
168	Vagus nerve stimulation for tinnitus: A review and perspective. Progress in Brain Research, 2021, 262, 451-467.	1.4	6
169	Prolonged tinnitus suppression after short-term acoustic stimulation. Progress in Brain Research, 2021, 262, 159-174.	1.4	6
170	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
171	Amisulpride and olanzapine combination treatment versus each monotherapy in acutely ill patients with schizophrenia in Germany (COMBINE): a double-blind randomised controlled trial. Lancet Psychiatry,the, 2022, 9, 291-306.	7.4	6
172	Stable motor cortex excitability in red and green lighting conditions. Neuroscience Letters, 2009, 460, 32-35.	2.1	5
173	Lidocaine injections to the otic ganglion for the treatment of tinnitusâ€"A pilot study. Progress in Brain Research, 2021, 260, 355-366.	1.4	5
174	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
175	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
176	Momentary Assessment of Tinnitusâ€"How Smart Mobile Applications Advance Our Understanding of Tinnitus. Studies in Neuroscience, Psychology and Behavioral Economics, 2019, , 209-220.	0.3	5
177	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
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