Sven Vanneste

List of Publications by Year in descending order

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210 papers	11,135 citations	39113 52 h-index	45040 94 g-index
220 all docs	220 docs citations	220 times ranked	7905 citing authors

#	Article	IF	Citations
1	Evidence-based guidelines on the therapeutic use of transcranial direct current stimulation (tDCS). Clinical Neurophysiology, 2017, 128, 56-92.	0.7	1,213
2	The neural correlates of tinnitus-related distress. NeuroImage, 2010, 52, 470-480.	2.1	344
3	Burst Spinal Cord Stimulation. Neurosurgery, 2010, 66, 986-990.	0.6	335
4	Burst Spinal Cord Stimulation for Limb and Back Pain. World Neurosurgery, 2013, 80, 642-649.e1.	0.7	333
5	An integrative model of auditory phantom perception: Tinnitus as a unified percept of interacting separable subnetworks. Neuroscience and Biobehavioral Reviews, 2014, 44, 16-32.	2.9	313
6	Tinnitus: perspectives from human neuroimaging. Nature Reviews Neuroscience, 2015, 16, 632-642.	4.9	255
7	Tinnitus Intensity Dependent Gamma Oscillations of the Contralateral Auditory Cortex. PLoS ONE, 2009, 4, e7396.	1.1	218
8	Thalamocortical Dysrhythmia: A Theoretical Update in Tinnitus. Frontiers in Neurology, 2015, 6, 124.	1.1	196
9	The auditory and non-auditory brain areas involved in tinnitus. An emergent property of multiple parallel overlapping subnetworks. Frontiers in Systems Neuroscience, 2012, 6, 31.	1.2	171
10	Thalamocortical dysrhythmia detected by machine learning. Nature Communications, 2018, 9, 1103.	5.8	171
11	Burst Spinal Cord Stimulation Evaluated in Patients With Failed Back Surgery Syndrome and Painful Diabetic Neuropathy. Neuromodulation, 2014, 17, 152-159.	0.4	165
12	The Bayesian brain: Phantom percepts resolve sensory uncertainty. Neuroscience and Biobehavioral Reviews, 2014, 44, 4-15.	2.9	163
13	The neural network of phantom sound changes over time: a comparison between recent-onset and chronic tinnitus patients. European Journal of Neuroscience, 2011, 34, 718-731.	1.2	158
14	Editorial: Towards an Understanding of Tinnitus Heterogeneity. Frontiers in Aging Neuroscience, 2019, 11, 53.	1.7	157
15	Burst and Tonic Spinal Cord Stimulation: Different and Common Brain Mechanisms. Neuromodulation, 2016, 19, 47-59.	0.4	153
16	Methodological aspects of clinical trials in tinnitus: A proposal for an international standard. Journal of Psychosomatic Research, 2012, 73, 112-121.	1.2	152
17	Mindfulness based intervention in Parkinson's disease leads to structural brain changes on MRI. Clinical Neurology and Neurosurgery, 2013, 115, 2419-2425.	0.6	147
18	Transient alcohol craving suppression by rTMS of dorsal anterior cingulate: An fMRI and LORETA EEG study. Neuroscience Letters, 2011, 496, 5-10.	1.0	143

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19	Safety and Efficacy of Vagus Nerve Stimulation Paired With Tones for the Treatment of Tinnitus: A Case Series. Neuromodulation, 2014, 17, 170-179.	0.4	132
20	Bilateral dorsolateral prefrontal cortex modulation for tinnitus by transcranial direct current stimulation: a preliminary clinical study. Experimental Brain Research, 2010, 202, 779-785.	0.7	127
21	The Distressed Brain: A Group Blind Source Separation Analysis on Tinnitus. PLoS ONE, 2011, 6, e24273.	1.1	126
22	Tinnitus: network pathophysiology-network pharmacology. Frontiers in Systems Neuroscience, 2012, 6, 1.	1.2	120
23	Vagus Nerve Stimulation Paired with Tones for the Treatment of Tinnitus: A Prospective Randomized Double-blind Controlled Pilot Study in Humans. Scientific Reports, 2017, 7, 11960.	1.6	119
24	A 2-center Comparative Study on Tonic Versus Burst Spinal Cord Stimulation. Clinical Journal of Pain, 2015, 31, 433-437.	0.8	118
25	Bifrontal transcranial direct current stimulation modulates tinnitus intensity and tinnitus-distress-related brain activity. European Journal of Neuroscience, 2011, 34, 605-614.	1.2	101
26	The difference between uni- and bilateral auditory phantom percept. Clinical Neurophysiology, 2011, 122, 578-587.	0.7	97
27	Top down prefrontal affective modulation of tinnitus with multiple sessions of tDCS of dorsolateral prefrontal cortex. Brain Stimulation, 2012, 5, 492-498.	0.7	97
28	Theta-gamma dysrhythmia and auditory phantom perception. Journal of Neurosurgery, 2011, 114, 912-921.	0.9	94
29	Transcranial magnetic stimulation and extradural electrodes implanted on secondary auditory cortex for tinnitus suppression. Journal of Neurosurgery, 2011, 114, 903-911.	0.9	92
30	Head-to-Head Comparison of Transcranial Random Noise Stimulation, Transcranial AC Stimulation, and Transcranial DC Stimulation for Tinnitus. Frontiers in Psychiatry, 2013, 4, 158.	1.3	87
31	Burst stimulation of the auditory cortex: a new form of neurostimulation for noise-like tinnitus suppression. Journal of Neurosurgery, 2010, 112, 1289-1294.	0.9	86
32	From sensation to percept: The neural signature of auditory event-related potentials. Neuroscience and Biobehavioral Reviews, 2014, 42, 148-156.	2.9	83
33	Deafferentation-based pathophysiological differences in phantom sound: Tinnitus with and without hearing loss. NeuroImage, 2016, 129, 80-94.	2.1	82
34	Mapping Tinnitus-Related Brain Activation: An Activation-Likelihood Estimation Metaanalysis of PET Studies. Journal of Nuclear Medicine, 2012, 53, 1550-1557.	2.8	80
35	Changing Brain Networks Through Non-invasive Neuromodulation. Frontiers in Human Neuroscience, 2018, 12, 128.	1.0	78
36	Frontal Cortex TMS for Tinnitus. Brain Stimulation, 2013, 6, 355-362.	0.7	74

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37	Different resting state brain activity and functional connectivity in patients who respond and not respond to bifrontal tDCS for tinnitus suppression. Experimental Brain Research, 2011, 210, 217-227.	0.7	73
38	Disentangling Depression and Distress Networks in the Tinnitus Brain. PLoS ONE, 2012, 7, e40544.	1.1	73
39	Noninvasive and Invasive Neuromodulation for the Treatment of Tinnitus: An Overview. Neuromodulation, 2012, 15, 350-360.	0.4	71
40	Neuroimaging and Neuromodulation: Complementary Approaches for Identifying the Neuronal Correlates of Tinnitus. Frontiers in Systems Neuroscience, 2012, 6, 15.	1.2	69
41	Transcranial Direct Current Stimulation in Tinnitus Patients: A Systemic Review and Meta-Analysis. Scientific World Journal, The, 2012, 2012, 1-7.	0.8	67
42	Prefrontal Cortex Based Sex Differences in Tinnitus Perception: Same Tinnitus Intensity, Same Tinnitus Distress, Different Mood. PLoS ONE, 2012, 7, e31182.	1.1	65
43	Bimodal neuromodulation combining sound and tongue stimulation reduces tinnitus symptoms in a large randomized clinical study. Science Translational Medicine, 2020, 12, .	5.8	61
44	Does enriched acoustic environment in humans abolish chronic tinnitus clinically and electrophysiologically? A double blind placebo controlled study. Hearing Research, 2013, 296, 141-148.	0.9	59
45	Tinnitus and musical hallucinosis: The same but more. NeuroImage, 2013, 82, 373-383.	2.1	59
46	Onset-related differences in neural substrates of tinnitus-related distress: the anterior cingulate cortex in late-onset tinnitus, and the frontal cortex in early-onset tinnitus. Brain Structure and Function, 2015, 220, 571-584.	1.2	59
47	The neural correlates of the unified percept of alcohol-related craving: a fMRI and EEG study. Scientific Reports, 2018, 8, 923.	1.6	59
48	Neural substrates predicting improvement of tinnitus after cochlear implantation in patients with single-sided deafness. Hearing Research, 2013, 299, 1-9.	0.9	58
49	Mindfulness Training among Individuals with Parkinsonâ€™s Disease: Neurobehavioral Effects. Parkinson's Disease, 2015, 2015, 1-6.	0.6	58
50	The Differences in Brain Activity between Narrow Band Noise and Pure Tone Tinnitus. PLoS ONE, 2010, 5, e13618.	1.1	57
51	Burst and high frequency stimulation: underlying mechanism of action. Expert Review of Medical Devices, 2018, 15, 61-70.	1.4	55
52	Mimicking the brain: evaluation of St Jude Medicalâ€™s Prodigy Chronic Pain System with Burst Technology. Expert Review of Medical Devices, 2015, 12, 143-150.	1.4	53
53	Hyperacusis-associated pathological resting-state brain oscillations in the tinnitus brain: a hyperresponsiveness network with paradoxically inactive auditory cortex. Brain Structure and Function, 2014, 219, 1113-1128.	1.2	52
54	The neural correlates of subjectively perceived and passively matched loudness perception in auditory phantom perception. Brain and Behavior, 2015, 5, e00331.	1.0	52

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55	Brain Areas Controlling Heart Rate Variability in Tinnitus and Tinnitus-Related Distress. PLoS ONE, 2013, 8, e59728.	1.1	52
56	Top-down and Bottom-up Regulated Auditory Phantom Perception. Journal of Neuroscience, 2019, 39, 364-378.	1.7	51
57	Placebo-Controlled Vagus Nerve Stimulation Paired With Tones in a Patient With Refractory Tinnitus. Otology and Neurotology, 2015, 36, 575-580.	0.7	50
58	Spinal Cord Stimulation for the Treatment of Chronic Back Pain Patients: 500-Hz vs. 1000-Hz Burst Stimulation. Neuromodulation, 2015, 18, 9-12.	0.4	50
59	â€œDistressed agingâ€• the differences in brain activity between early- and late-onset tinnitus. Neurobiology of Aging, 2013, 34, 1853-1863.	1.5	49
60	Pinpointing a Highly Specific Pathological Functional Connection That Turns Phantom Sound into Distress. Cerebral Cortex, 2014, 24, 2268-2282.	1.6	49
61	Resting state electrical brain activity and connectivity in fibromyalgia. PLoS ONE, 2017, 12, e0178516.	1.1	48
62	Dysfunctional Noise Cancelling of the Rostral Anterior Cingulate Cortex in Tinnitus Patients. PLoS ONE, 2015, 10, e0123538.	1.1	47
63	No auditory experience, no tinnitus: Lessons from subjects withÂcongenital- and acquired single-sided deafness. Hearing Research, 2017, 354, 9-15.	0.9	47
64	Do tDCS and TMS influence tinnitus transiently via a direct cortical and indirect somatosensory modulating effect? AÂcombined TMS-tDCS and TENS study. Brain Stimulation, 2011, 4, 242-252.	0.7	45
65	Polarity Specific Suppression Effects of Transcranial Direct Current Stimulation for Tinnitus. Neural Plasticity, 2014, 2014, 1-8.	1.0	45
66	Anterior cingulate implants for tinnitus: report of 2 cases. Journal of Neurosurgery, 2016, 124, 893-901.	0.9	45
67	Transcutaneous electrical nerve stimulation (TENS) of upper cervical nerve (C2) for the treatment of somatic tinnitus. Experimental Brain Research, 2010, 204, 283-287.	0.7	44
68	Repetitive transcranial magnetic stimulation frequency dependent tinnitus improvement by double cone coil prefrontal stimulation. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 1160-1164.	0.9	43
69	Comparing immediate transient tinnitus suppression using tACS and tDCS: a placebo-controlled study. Experimental Brain Research, 2013, 226, 25-31.	0.7	43
70	Pairing sound with vagus nerve stimulation modulates cortical synchrony and phase coherence in tinnitus: An exploratory retrospective study. Scientific Reports, 2017, 7, 17345.	1.6	42
71	Exploring the effects of anodal and cathodal high definition transcranial direct current stimulation targeting the dorsal anterior cingulate cortex. Scientific Reports, 2018, 8, 4454.	1.6	42
72	Dorsolateral Prefrontal Cortex Transcranial Magnetic Stimulation and Electrode Implant for Intractable Tinnitus. World Neurosurgery, 2012, 77, 778-784.	0.7	40

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73	Neural correlates of high frequency repetitive transcranial magnetic stimulation improvement in post-stroke non-fluent aphasia: A case study. Neurocase, 2014, 20, 1-9.	0.2	40
74	Psychosurgery Reduces Uncertainty and Increases Free Will? A Review. Neuromodulation, 2016, 19, 239-248.	0.4	40
75	Targeting the Parahippocampal Area by Auditory Cortex Stimulation in Tinnitus. Brain Stimulation, 2014, 7, 709-717.	0.7	39
76	Graph theoretical analysis of brain connectivity in phantom sound perception. Scientific Reports, 2016, 6, 19683.	1.6	39
77	Optimization of Transcranial Direct Current Stimulation of Dorsolateral Prefrontal Cortex for Tinnitus: A Non-Linear Dose-Response Effect. Scientific Reports, 2018, 8, 8311.	1.6	39
78	Misophonia and Potential Underlying Mechanisms: A Perspective. Frontiers in Psychology, 2018, 9, 953.	1.1	39
79	Tinnitus and neuropathic pain share a common neural substrate in the form of specific brain connectivity and microstate profiles. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 88, 388-400.	2.5	38
80	Adaptive and maladaptive neural compensatory consequences of sensory deprivationâ€"From a phantom percept perspective. Progress in Neurobiology, 2017, 153, 1-17.	2.8	37
81	Attention bias toward noncooperative people. A dot probe classification study in cheating detection. Evolution and Human Behavior, 2007, 28, 272-276.	1.4	36
82	The differential effect of low- versus high-frequency random noise stimulation in the treatment of tinnitus. Experimental Brain Research, 2015, 233, 1433-1440.	0.7	36
83	Cognitive Training and Transcranial Direct Current Stimulation in Mild Cognitive Impairment: A Randomized Pilot Trial. Frontiers in Neuroscience, 2019, 13, 307.	1.4	36
84	Bifrontal and bioccipital transcranial direct current stimulation (tDCS) does not induce mood changes inÂhealthy volunteers: A placebo controlled study. Brain Stimulation, 2012, 5, 454-461.	0.7	35
85	The brain, obesity and addiction: an EEG neuroimaging study. Scientific Reports, 2016, 6, 34122.	1.6	35
86	The neural correlates of cognitive dysfunction in phantom sounds. Brain Research, 2016, 1642, 170-179.	1.1	35
87	Comparison of Neural Activity in Chronic Pain Patients During Tonic and Burst Spinal Cord Stimulation Using Fluorodeoxyglucose Positron Emission Tomography. Neuromodulation, 2020, 23, 56-63.	0.4	35
88	Neuronal Correlates of Maladaptive Coping: An EEG-Study in Tinnitus Patients. PLoS ONE, 2014, 9, e88253.	1.1	35
89	Tinnitus: A Large VBM-EEG Correlational Study. PLoS ONE, 2015, 10, e0115122.	1.1	35
90	Microvascular Decompression for Tinnitus. Neurosurgery, 2010, 66, 656-660.	0.6	34

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91	Pain characteristics in fibromyalgia: understanding the multiple dimensions of pain. Clinical Rheumatology, 2015, 34, 775-783.	1.0	34
92	Frontostriatal network dysfunction as a domainâ€general mechanism underlying phantom perception. Human Brain Mapping, 2019, 40, 2241-2251.	1.9	34
93	Prediction and perception: Insights for (and from) tinnitus. Neuroscience and Biobehavioral Reviews, 2019, 102, 1-12.	2.9	34
94	Differential effects of bifrontal and occipital nerve stimulation on pain and fatigue using transcranial direct current stimulation in fibromyalgia patients. Journal of Neural Transmission, 2017, 124, 799-808.	1.4	33
95	Neural substrates predicting short-term improvement of tinnitus loudness and distress after modified tinnitus retraining therapy. Scientific Reports, 2016, 6, 29140.	1.6	32
96	The Importance of Aging in Gray Matter Changes Within Tinnitus Patients Shown in Cortical Thickness, Surface Area and Volume. Brain Topography, 2016, 29, 885-896.	0.8	32
97	From â€œtragedyâ€•to â€œdisasterâ€• Welfare effects of commons and anticommons dilemmas. International Review of Law and Economics, 2006, 26, 104-122.	0.5	31
98	EEG Driven tDCS Versus Bifrontal tDCS for Tinnitus. Frontiers in Psychiatry, 2012, 3, 84.	1.3	31
99	Differences between a single session and repeated sessions of 1ÂHz TMS by double-cone coil prefrontal stimulation for the improvement of tinnitus. Brain Stimulation, 2013, 6, 155-159.	0.7	31
100	The Management and Outcomes of Pharmacological Treatments for Tinnitus. Current Neuropharmacology, 2015, 13, 692-700.	1.4	31
101	Stress-Related Functional Connectivity Changes Between Auditory Cortex and Cingulate in Tinnitus. Brain Connectivity, 2015, 5, 371-383.	0.8	31
102	The added value of auditory cortex transcranial random noise stimulation (tRNS) after bifrontal transcranial direct current stimulation (tDCS) for tinnitus. Journal of Neural Transmission, 2017, 124, 79-88.	1.4	31
103	Auditory Cortex tACS and tRNS for Tinnitus: Single versus Multiple Sessions. Neural Plasticity, 2014, 2014, 1-7.	1.0	30
104	The peripheral effect of direct current stimulation on brain circuits involving memory. Science Advances, 2020, 6, .	4.7	30
105	Peripheral Nerve Stimulation for Fibromyalgia. Progress in Neurological Surgery, 2011, 24, 133-146.	1.3	29
106	The Interval Between VNS-Tone Pairings Determines the Extent of Cortical Map Plasticity. Neuroscience, 2018, 369, 76-86.	1.1	29
107	Occipital Nerve Stimulation in Fibromyalgia: A Double-Blind Placebo-Controlled Pilot Study With a Six-Month Follow-Up. Neuromodulation, 2014, 17, 256-264.	0.4	28
108	Anterior Cingulate Implant for Alcohol Dependence. Neurosurgery, 2016, 78, E883-E893.	0.6	28

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109	The involvement of the left ventrolateral prefrontal cortex in tinnitus: a TMS study. Experimental Brain Research, 2012, 221, 345-350.	0.7	27
110	Is Preoperative Pain Duration Important in Spinal Cord Stimulation? A Comparison Between Tonic and Burst Stimulation. Neuromodulation, 2015, 18, 13-17.	0.4	27
111	Considering the influence of stimulation parameters on the effect of conventional and high-definition transcranial direct current stimulation. Expert Review of Medical Devices, 2016, 13, 391-404.	1.4	27
112	Occipital Nerve Field Transcranial Direct Current Stimulation Normalizes Imbalance Between Pain Detecting and Pain Inhibitory Pathways in Fibromyalgia. Neurotherapeutics, 2017, 14, 484-501.	2.1	27
113	Functional connectivity changes in adults with developmental stuttering: a preliminary study using quantitative electro-encephalography. Frontiers in Human Neuroscience, 2014, 8, 783.	1.0	26
114	Visions on the future of medical devices in spinal cord stimulation: what medical device is needed?. Expert Review of Medical Devices, 2016, 13, 233-242.	1.4	26
115	Influencing connectivity and cross-frequency coupling by real-time source localized neurofeedback of the posterior cingulate cortex reduces tinnitus related distress. Neurobiology of Stress, 2018, 8, 211-224.	1.9	26
116	Shank3â€deficient rats exhibit degraded cortical responses to sound. Autism Research, 2018, 11, 59-68.	2.1	26
117	Chasing Map Plasticity in Neuropathic Pain. World Neurosurgery, 2013, 80, 901.e1-901.e5.	0.7	25
118	Emerging hubs in phantom perception connectomics. NeuroImage: Clinical, 2016, 11, 181-194.	1.4	25
119	State of the Art: Novel Applications for Cortical Stimulation. Neuromodulation, 2017, 20, 206-214.	0.4	25
120	Pairing vagus nerve stimulation with tones drives plasticity across the auditory pathway. Journal of Neurophysiology, 2019, 122, 659-671.	0.9	25
121	All bursts are equal, but some are more equal (to burst firing): burstDR stimulation versus Boston burst stimulation. Expert Review of Medical Devices, 2020, 17, 289-295.	1.4	25
122	Are 10 kHz Stimulation and Burst Stimulation Fundamentally the Same?. Neuromodulation, 2017, 20, 650-653.	0.4	24
123	Patent pools and clearinghouses in the life sciences. Trends in Biotechnology, 2011, 29, 569-576.	4.9	23
124	TMS by double-cone coil prefrontal stimulation for medication resistant chronic depression: A case report. Neurocase, 2014, 20, 61-68.	0.2	23
125	Changes in the Resting-State Cortical Oscillatory Activity 6 Months After Modified Tinnitus Retraining Therapy. Frontiers in Neuroscience, 2019, 13, 1123.	1.4	23
126	Parietal double-cone coil stimulation in tinnitus. Experimental Brain Research, 2012, 221, 337-343.	0.7	22

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127	The Enigma of the Tinnitus-Free Dream State in a Bayesian World. Neural Plasticity, 2014, 2014, 1-5.	1.0	22
128	White Matter Changes in Tinnitus: Is It All Age and Hearing Loss?. Brain Connectivity, 2016, 6, 84-93.	0.8	21
129	Adding Prefrontal Transcranial Direct Current Stimulation Before Occipital Nerve Stimulation in Fibromyalgia. Clinical Journal of Pain, 2018, 34, 421-427.	0.8	21
130	High-definition transcranial direct current stimulation of the dorsolateral prefrontal cortex for tinnitus modulation: a preliminary trial. Journal of Neural Transmission, 2018, 125, 163-171.	1.4	21
131	A randomised, double-blind, placebo-controlled parallel trial of closed-loop infraslow brain training in food addiction. Scientific Reports, 2018, 8, 11659.	1.6	21
132	The Use of Alcohol as a Moderator for Tinnitus-Related Distress. Brain Topography, 2012, 25, 97-105.	0.8	20
133	The predictive brain and the â€œfree willâ€•illusion. Frontiers in Psychology, 2013, 4, 131.	1.1	20
134	Pathology of Tinnitus and Hyperacusis-Clinical Implications. BioMed Research International, 2015, 2015, 1-2.	0.9	20
135	C2 Subcutaneous Stimulation for Failed Back Surgery Syndrome: A Case Report. Neuromodulation, 2013, 16, 610-613.	0.4	19
136	Anterior Cingulate Implant for Obsessive-Compulsive Disorder. World Neurosurgery, 2017, 97, 754.e7-754.e16.	0.7	19
137	High-Definition Transcranial Direct Current Stimulation to Improve Verbal Retrieval Deficits in Chronic Traumatic Brain Injury. Journal of Neurotrauma, 2020, 37, 170-177.	1.7	19
138	Impaired posterior cingulate cortexâ€“parahippocampus connectivity is associated with episodic memory retrieval problems in amnestic mild cognitive impairment. European Journal of Neuroscience, 2021, 53, 3125-3141.	1.2	19
139	Treatment of tinnitus with cyclobenzaprine: an open-label study. International Journal of Clinical Pharmacology and Therapeutics, 2012, 50, 338-344.	0.3	19
140	Symptom dimensions to address heterogeneity in tinnitus. Neuroscience and Biobehavioral Reviews, 2022, 134, 104542.	2.9	19
141	Why Did They Claim Too Much? The Role of Causal Attributions in Explaining Level of Cooperation in Commons and Anticommons Dilemmas. Journal of Applied Social Psychology, 2008, 38, 173-197.	1.3	18
142	Multitarget surgical neuromodulation: Combined C2 and auditory cortex implantation for tinnitus. Neuroscience Letters, 2015, 591, 202-206.	1.0	18
143	A Quantitative Electroencephalography Study on Cochlear Implant-Induced Cortical Changes in Single-Sided Deafness with Tinnitus. Frontiers in Human Neuroscience, 2017, 11, 210.	1.0	17
144	Salivary Stress-Related Responses in Tinnitus: A Preliminary Study in Young Male Subjects with Tinnitus. Frontiers in Neuroscience, 2016, 10, 338.	1.4	16

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145	Robustness and dynamicity of functional networks in phantom sound. NeuroImage, 2017, 146, 171-187.	2.1	16
146	Functional connectivity analysis of fMRI data collected from human subjects with chronic tinnitus and varying levels of tinnitus-related distress. Data in Brief, 2018, 21, 779-789.	0.5	16
147	Effective connectivity analysis of inter- and intramodular hubs in phantom sound perception â€“ identifying the core distress network. Brain Imaging and Behavior, 2020, 14, 289-307.	1.1	16
148	Autism spectrum traits in normal individuals: a preliminary VBM analysis. Frontiers in Human Neuroscience, 2015, 9, 264.	1.0	15
149	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.	0.8	15
150	High definition transcranial pink noise stimulation of anterior cingulate cortex on food craving: An explorative study. Appetite, 2018, 120, 673-678.	1.8	15
151	COMT and the neurogenetic architecture of hearing loss induced tinnitus. Hearing Research, 2018, 365, 1-15.	0.9	15
152	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	15
153	Sedentary behaviour facilitates conditioned pain modulation in middle-aged and older adults with persistent musculoskeletal pain: a cross-sectional investigation. Pain Reports, 2019, 4, e773.	1.4	15
154	Meta-analysis of functional subdivisions within human posteromedial cortex. Brain Structure and Function, 2019, 224, 435-452.	1.2	15
155	Vascular compression of the cochlear nerve and tinnitus: a pathophysiological investigation. Acta Neurochirurgica, 2012, 154, 807-813.	0.9	14
156	The Functional Alterations in Top-Down Attention Streams of Parkinsonâ€™s disease Measured by EEG. Scientific Reports, 2018, 8, 10609.	1.6	14
157	Investigating functional changes in the brain to intermittently induced auditory illusions and its relevance to chronic tinnitus. Human Brain Mapping, 2020, 41, 1819-1832.	1.9	14
158	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.	0.5	14
159	C2 Nerve Field Stimulation for the Treatment of Fibromyalgia: A Prospective, Double-blind, Randomized, Controlled Cross-over Study. Brain Stimulation, 2015, 8, 751-757.	0.7	13
160	Allostasis in health and food addiction. Scientific Reports, 2016, 6, 37126.	1.6	13
161	The effect of occipital nerve field stimulation on the descending pain pathway in patients with fibromyalgia: a water PET and EEG imaging study. BMC Neurology, 2018, 18, 191.	0.8	13
162	Functional brain changes in auditory phantom perception evoked by different stimulus frequencies. Neuroscience Letters, 2018, 683, 160-167.	1.0	13

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163	Distressâ€dependent temporal variability of regions encoding domainâ€specific and domainâ€general behavioral manifestations of phantom percepts. European Journal of Neuroscience, 2018, 48, 1743-1764.	1.2	13
164	Percutaneously Implanted Plates in Failed Back Surgery Syndrome (FBSS). Neuromodulation, 2011, 14, 319-325.	0.4	12
165	Long-Term Outcomes of Spinal Cord Stimulation With Percutaneously Introduced Paddle Leads in the Treatment of Failed Back Surgery Syndrome and Lumboischialgia. Neuromodulation, 2013, 16, 537-545.	0.4	12
166	The role of the dorsal Anterior Cingulate Cortex (dACC) in a cognitive and emotional counting Stroop task: Two cases. Restorative Neurology and Neuroscience, 2017, 35, 333-345.	0.4	12
167	Increased parietal circuit-breaker activity in delta frequency band and abnormal delta/theta band connectivity in salience network in hyperacusis subjects. PLoS ONE, 2018, 13, e0191858.	1.1	12
168	Greater Occipital Nerve Stimulation Boosts Associative Memory in Older Individuals: A Randomized Trial. Neurorehabilitation and Neural Repair, 2020, 34, 1020-1029.	1.4	12
169	The balance between Bayesian inference and default mode determines the generation of tinnitus from decreased auditory input: A volume entropyâ€based study. Human Brain Mapping, 2021, 42, 4059-4073.	1.9	12
170	The Neural Correlates of Chronic Symptoms of Vertigo Proneness in Humans. PLoS ONE, 2016, 11, e0152309.	1.1	12
171	The effect of naltrexone on the perception and distress in tinnitus: an open-label pilot study. International Journal of Clinical Pharmacology and Therapeutics, 2013, 51, 5-11.	0.3	12
172	The role of the salience network in processing lexical and nonlexical stimuli in cochlear implant users. Human Brain Mapping, 2015, 36, 1982-1994.	1.9	11
173	Problems with the Enforcement of Copyright Law: Is there a Social Norm Backlash?. International Journal of the Economics of Business, 2005, 12, 361-369.	1.0	10
174	Neural Substrates of Conversion Deafness in a Cochlear Implant Patient. Otology and Neurotology, 2014, 35, 1780-1784.	0.7	10
175	Effect of distress on transient network dynamics and topological equilibrium in phantom sound perception. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 84, 79-92.	2.5	10
176	Testing the role of the posterior cingulate cortex in processing salient stimuli in cannabis users: an rTMS study. European Journal of Neuroscience, 2019, 50, 2357-2369.	1.2	10
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