

Sven Vanneste

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

11,135
citations

34105

52
h-index

39675

94
g-index

220
all docs

220
docs citations

220
times ranked

7234
citing authors

#	ARTICLE	IF	CITATIONS
1	Predisposition to domain-wide maladaptive changes in predictive coding in auditory phantom perception. <i>NeuroImage</i> , 2022, 248, 118813.	4.2	10
2	Symptom dimensions to address heterogeneity in tinnitus. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 134, 104542.	6.1	19
3	Reversal of unilateral hand movement dysfunction by high definition transcranial direct current stimulation in a patient with chronic traumatic brain injury. <i>Brain Stimulation</i> , 2022, 15, 283-285.	1.6	0
4	Vagus nerve stimulation for tinnitus: A review and perspective. <i>Progress in Brain Research</i> , 2021, 262, 451-467.	1.4	6
5	Potential Therapeutic Effect of Low Amplitude Burst Spinal Cord Stimulation on Pain. <i>Neuromodulation</i> , 2021, 24, 574-580.	0.8	8
6	The BDNF Val66Met polymorphism regulates vulnerability to chronic stress and phantom perception. <i>Progress in Brain Research</i> , 2021, 260, 301-326.	1.4	8
7	Structural correlates of the audiological and emotional components of chronic tinnitus. <i>Progress in Brain Research</i> , 2021, 262, 487-509.	1.4	7
8	Paradoxical relationship between distress and functional network topology in phantom sound perception. <i>Progress in Brain Research</i> , 2021, 260, 367-395.	1.4	5
9	Impaired posterior cingulate cortex-parahippocampus connectivity is associated with episodic memory retrieval problems in amnesic mild cognitive impairment. <i>European Journal of Neuroscience</i> , 2021, 53, 3125-3141.	2.6	19
10	The balance between Bayesian inference and default mode determines the generation of tinnitus from decreased auditory input: A volume entropy-based study. <i>Human Brain Mapping</i> , 2021, 42, 4059-4073.	3.6	12
11	Polarity-specific high-definition transcranial direct current stimulation of the anterior and posterior default mode network improves remote memory retrieval. <i>Brain Stimulation</i> , 2021, 14, 1005-1014.	1.6	7
12	Effective connectivity analysis of inter- and intramodular hubs in phantom sound perception – identifying the core distress network. <i>Brain Imaging and Behavior</i> , 2020, 14, 289-307.	2.1	16
13	Comparison of Neural Activity in Chronic Pain Patients During Tonic and Burst Spinal Cord Stimulation Using Fluorodeoxyglucose Positron Emission Tomography. <i>Neuromodulation</i> , 2020, 23, 56-63.	0.8	35
14	High-Definition Transcranial Direct Current Stimulation to Improve Verbal Retrieval Deficits in Chronic Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 170-177.	3.4	19
15	Bimodal neuromodulation combining sound and tongue stimulation reduces tinnitus symptoms in a large randomized clinical study. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	61
16	Greater Occipital Nerve Stimulation Boosts Associative Memory in Older Individuals: A Randomized Trial. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 1020-1029.	2.9	12
17	The peripheral effect of direct current stimulation on brain circuits involving memory. <i>Science Advances</i> , 2020, 6, .	10.3	30
18	Investigating functional changes in the brain to intermittently induced auditory illusions and its relevance to chronic tinnitus. <i>Human Brain Mapping</i> , 2020, 41, 1819-1832.	3.6	14

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19	All bursts are equal, but some are more equal (to burst firing): burstDR stimulation versus Boston burst stimulation. <i>Expert Review of Medical Devices</i> , 2020, 17, 289-295.	2.8	25
20	Confusion About “Burst Stimulation” <i>Neuromodulation</i> , 2020, 23, 140-141.	0.8	4
21	Tinnitus and neuropathic pain share a common neural substrate in the form of specific brain connectivity and microstate profiles. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 88, 388-400.	4.8	38
22	Pairing vagus nerve stimulation with tones drives plasticity across the auditory pathway. <i>Journal of Neurophysiology</i> , 2019, 122, 659-671.	1.8	25
23	Changes in the Resting-State Cortical Oscillatory Activity 6 Months After Modified Tinnitus Retraining Therapy. <i>Frontiers in Neuroscience</i> , 2019, 13, 1123.	2.8	23
24	Frontostriatal network dysfunction as a domain-general mechanism underlying phantom perception. <i>Human Brain Mapping</i> , 2019, 40, 2241-2251.	3.6	34
25	Prediction and perception: Insights for (and from) tinnitus. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 102, 1-12.	6.1	34
26	Cognitive Training and Transcranial Direct Current Stimulation in Mild Cognitive Impairment: A Randomized Pilot Trial. <i>Frontiers in Neuroscience</i> , 2019, 13, 307.	2.8	36
27	Editorial: Towards an Understanding of Tinnitus Heterogeneity. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 53.	3.4	157
28	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	15
29	Sedentary behaviour facilitates conditioned pain modulation in middle-aged and older adults with persistent musculoskeletal pain: a cross-sectional investigation. <i>Pain Reports</i> , 2019, 4, e773.	2.7	15
30	Meta-analysis of functional subdivisions within human posteromedial cortex. <i>Brain Structure and Function</i> , 2019, 224, 435-452.	2.3	15
31	Top-down and Bottom-up Regulated Auditory Phantom Perception. <i>Journal of Neuroscience</i> , 2019, 39, 364-378.	3.6	51
32	Testing the role of the posterior cingulate cortex in processing salient stimuli in cannabis users: an rTMS study. <i>European Journal of Neuroscience</i> , 2019, 50, 2357-2369.	2.6	10
33	Noninvasive Bimodal Neuromodulation for the Treatment of Tinnitus: Protocol for a Second Large-Scale Double-Blind Randomized Clinical Trial to Optimize Stimulation Parameters. <i>JMIR Research Protocols</i> , 2019, 8, e13176.	1.0	14
34	Effect of distress on transient network dynamics and topological equilibrium in phantom sound perception. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 84, 79-92.	4.8	10
35	The neural correlates of the unified percept of alcohol-related craving: a fMRI and EEG study. <i>Scientific Reports</i> , 2018, 8, 923.	3.3	59
36	Burst and high frequency stimulation: underlying mechanism of action. <i>Expert Review of Medical Devices</i> , 2018, 15, 61-70.	2.8	55

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37	Exploring the effects of anodal and cathodal high definition transcranial direct current stimulation targeting the dorsal anterior cingulate cortex. <i>Scientific Reports</i> , 2018, 8, 4454.	3.3	42
38	Thalamocortical dysrhythmia detected by machine learning. <i>Nature Communications</i> , 2018, 9, 1103.	12.8	171
39	Influencing connectivity and cross-frequency coupling by real-time source localized neurofeedback of the posterior cingulate cortex reduces tinnitus related distress. <i>Neurobiology of Stress</i> , 2018, 8, 211-224.	4.0	26
40	High definition transcranial pink noise stimulation of anterior cingulate cortex on food craving: An explorative study. <i>Appetite</i> , 2018, 120, 673-678.	3.7	15
41	<i>Shank3</i> deficient rats exhibit degraded cortical responses to sound. <i>Autism Research</i> , 2018, 11, 59-68.	3.8	26
42	Adding Prefrontal Transcranial Direct Current Stimulation Before Occipital Nerve Stimulation in Fibromyalgia. <i>Clinical Journal of Pain</i> , 2018, 34, 421-427.	1.9	21
43	High-definition transcranial direct current stimulation of the dorsolateral prefrontal cortex for tinnitus modulation: a preliminary trial. <i>Journal of Neural Transmission</i> , 2018, 125, 163-171.	2.8	21
44	The Interval Between VNS-Tone Pairings Determines the Extent of Cortical Map Plasticity. <i>Neuroscience</i> , 2018, 369, 76-86.	2.3	29
45	Functional connectivity analysis of fMRI data collected from human subjects with chronic tinnitus and varying levels of tinnitus-related distress. <i>Data in Brief</i> , 2018, 21, 779-789.	1.0	16
46	The effect of occipital nerve field stimulation on the descending pain pathway in patients with fibromyalgia: a water PET and EEG imaging study. <i>BMC Neurology</i> , 2018, 18, 191.	1.8	13
47	Optimization of Transcranial Direct Current Stimulation of Dorsolateral Prefrontal Cortex for Tinnitus: A Non-Linear Dose-Response Effect. <i>Scientific Reports</i> , 2018, 8, 8311.	3.3	39
48	A randomised, double-blind, placebo-controlled parallel trial of closed-loop infraslow brain training in food addiction. <i>Scientific Reports</i> , 2018, 8, 11659.	3.3	21
49	Fundamentals of Burst Stimulation of the Spinal Cord and Brain. , 2018, , 147-160.		5
50	Misophonia and Potential Underlying Mechanisms: A Perspective. <i>Frontiers in Psychology</i> , 2018, 9, 953.	2.1	39
51	The Functional Alterations in Top-Down Attention Streams of Parkinson's disease Measured by EEG. <i>Scientific Reports</i> , 2018, 8, 10609.	3.3	14
52	Functional brain changes in auditory phantom perception evoked by different stimulus frequencies. <i>Neuroscience Letters</i> , 2018, 683, 160-167.	2.1	13
53	Changing Brain Networks Through Non-invasive Neuromodulation. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 128.	2.0	78
54	COMT and the neurogenetic architecture of hearing loss induced tinnitus. <i>Hearing Research</i> , 2018, 365, 1-15.	2.0	15

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55	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.	2.5	12
56	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.	2.6	13
57	Robustness and dynamicity of functional networks in phantom sound. NeuroImage, 2017, 146, 171-187.	4.2	16
58	Evidence for Behaviorally Segregated, Spatiotemporally Overlapping Subnetworks in Phantom Sound Perception. Brain Connectivity, 2017, 7, 197-210.	1.7	9
59	Adaptive and maladaptive neural compensatory consequences of sensory deprivationâ€From a phantom percept perspective. Progress in Neurobiology, 2017, 153, 1-17.	5.7	37
60	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.	0.7	12
61	Are 10 kHz Stimulation and Burst Stimulation Fundamentally the Same?. Neuromodulation, 2017, 20, 650-653.	0.8	24
62	State of the Art: Novel Applications for Cortical Stimulation. Neuromodulation, 2017, 20, 206-214.	0.8	25
63	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.	2.8	33
64	Occipital Nerve Field Transcranial Direct Current Stimulation Normalizes Imbalance Between Pain Detecting and Pain Inhibitory Pathways in Fibromyalgia. Neurotherapeutics, 2017, 14, 484-501.	4.4	27
65	No auditory experience, no tinnitus: Lessons from subjects withâ€congenital- and acquired single-sided deafness. Hearing Research, 2017, 354, 9-15.	2.0	47
66	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.	3.3	119
67	Noninvasive Transcranial Magnetic and Electrical Stimulation: Working Mechanisms. , 2017, , 193-223.		1
68	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
69	Evidence-based guidelines on the therapeutic use of transcranial direct current stimulation (tDCS). Clinical Neurophysiology, 2017, 128, 56-92.	1.5	1,213
70	Anterior Cingulate Implant for Obsessive-Compulsive Disorder. World Neurosurgery, 2017, 97, 754.e7-754.e16.	1.3	19
71	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.	2.8	31
72	Objective and perceptual comparisons of two bluetooth hearing aid assistive devices. Disability and Rehabilitation: Assistive Technology, 2017, 12, 614-617.	2.2	3

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73	Pairing sound with vagus nerve stimulation modulates cortical synchrony and phase coherence in tinnitus: An exploratory retrospective study. Scientific Reports, 2017, 7, 17345.	3.3	42
74	132 The Underlying Effect of Burst Stimulation on Chronic Pain Using Multimodal Neuroimaging - EEG, fMRI and PET. Neurosurgery, 2017, 64, 230.	1.1	1
75	A Quantitative Electroencephalography Study on Cochlear Implant-Induced Cortical Changes in Single-Sided Deafness with Tinnitus. Frontiers in Human Neuroscience, 2017, 11, 210.	2.0	17
76	Deep brain stimulation of the ventral anterior limb of the internal capsule for treatment-resistant depression: possibilities, limits and future perspectives. Annals of Translational Medicine, 2017, 5, 167-167.	1.7	1
77	Resting state electrical brain activity and connectivity in fibromyalgia. PLoS ONE, 2017, 12, e0178516.	2.5	48
78	Salivary Stress-Related Responses in Tinnitus: A Preliminary Study in Young Male Subjects with Tinnitus. Frontiers in Neuroscience, 2016, 10, 338.	2.8	16
79	Anterior Cingulate Implant for Alcohol Dependence. Neurosurgery, 2016, 78, E883-E893.	1.1	28
80	Does Tonic Spinal Cord Stimulation Really Influence the Medial Pain System?. Neuromodulation, 2016, 19, 227-228.	0.8	8
81	Neural substrates predicting short-term improvement of tinnitus loudness and distress after modified tinnitus retraining therapy. Scientific Reports, 2016, 6, 29140.	3.3	32
82	A Simple Technique for Surgical Placement of Occipital Nerve Stimulators without Anchoring the Lead. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2016, 77, 441-446.	0.8	3
83	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.	1.8	32
84	Response: A Systematic Evaluation of Burst Spinal Cord Stimulation for Chronic Back and Limb Pain. Neuromodulation, 2016, 19, 785-786.	0.8	6
85	Allostasis in health and food addiction. Scientific Reports, 2016, 6, 37126.	3.3	13
86	Whole scalp EEG power change is not a prerequisite for further EEG processing. Hearing Research, 2016, 339, 215-216.	2.0	2
87	The brain, obesity and addiction: an EEG neuroimaging study. Scientific Reports, 2016, 6, 34122.	3.3	35
88	Pathophysiology-Based Neuromodulation for Addictions. , 2016, , 14-24.		1
89	Graph theoretical analysis of brain connectivity in phantom sound perception. Scientific Reports, 2016, 6, 19683.	3.3	39
90	Emerging hubs in phantom perception connectomics. NeuroImage: Clinical, 2016, 11, 181-194.	2.7	25

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91	Burst and Tonic Spinal Cord Stimulation: Different and Common Brain Mechanisms. <i>Neuromodulation</i> , 2016, 19, 47-59.	0.8	153
92	Psychosurgery Reduces Uncertainty and Increases Free Will? A Review. <i>Neuromodulation</i> , 2016, 19, 239-248.	0.8	40
93	White Matter Changes in Tinnitus: Is It All Age and Hearing Loss?. <i>Brain Connectivity</i> , 2016, 6, 84-93.	1.7	21
94	The neural correlates of cognitive dysfunction in phantom sounds. <i>Brain Research</i> , 2016, 1642, 170-179.	2.2	35
95	Deafferentation-based pathophysiological differences in phantom sound: Tinnitus with and without hearing loss. <i>NeuroImage</i> , 2016, 129, 80-94.	4.2	82
96	Considering the influence of stimulation parameters on the effect of conventional and high-definition transcranial direct current stimulation. <i>Expert Review of Medical Devices</i> , 2016, 13, 391-404.	2.8	27
97	Microvascular Decompression of the Optic Nerve for Paroxysmal Phosphenes and Visual Field Deficit. <i>World Neurosurgery</i> , 2016, 85, 367.e5-367.e9.	1.3	7
98	Visions on the future of medical devices in spinal cord stimulation: what medical device is needed?. <i>Expert Review of Medical Devices</i> , 2016, 13, 233-242.	2.8	26
99	Anterior cingulate implants for tinnitus: report of 2 cases. <i>Journal of Neurosurgery</i> , 2016, 124, 893-901.	1.6	45
100	The Neural Correlates of Chronic Symptoms of Vertigo Proneness in Humans. <i>PLoS ONE</i> , 2016, 11, e0152309.	2.5	12
101	The neural correlates of subjectively perceived and passively matched loudness perception in auditory phantom perception. <i>Brain and Behavior</i> , 2015, 5, e00331.	2.2	52
102	All Treatments in Tinnitus Are Experimental, Controversial, and Futuristic: A Comment on "Experimental, Controversial, and Futuristic Treatments for Chronic Tinnitus" by Folmer et al (2014). <i>Journal of the American Academy of Audiology</i> , 2015, 26, 595-597.	0.7	4
103	Laser-Evoked Potentials in Fibromyalgia: The Influence of Greater Occipital Nerve Stimulation on Cerebral Pain Processing. <i>Neuromodulation</i> , 2015, 18, 376-383.	0.8	5
104	Is Transcranial Direct Current Stimulation an Effective Predictor for Invasive Occipital Nerve Stimulation Treatment Success in Fibromyalgia Patients?. <i>Neuromodulation</i> , 2015, 18, 623-629.	0.8	8
105	A 2-center Comparative Study on Tonic Versus Burst Spinal Cord Stimulation. <i>Clinical Journal of Pain</i> , 2015, 31, 433-437.	1.9	118
106	Thalamocortical Dysrhythmia: A Theoretical Update in Tinnitus. <i>Frontiers in Neurology</i> , 2015, 6, 124.	2.4	196
107	Dysfunctional Noise Cancelling of the Rostral Anterior Cingulate Cortex in Tinnitus Patients. <i>PLoS ONE</i> , 2015, 10, e0123538.	2.5	47
108	Pathology of Tinnitus and Hyperacusis-Clinical Implications. <i>BioMed Research International</i> , 2015, 2015, 1-2.	1.9	20

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109	Mindfulness Training among Individuals with Parkinson's Disease: Neurobehavioral Effects. Parkinson's Disease, 2015, 2015, 1-6.	1.1	58
110	The Management and Outcomes of Pharmacological Treatments for Tinnitus. Current Neuropharmacology, 2015, 13, 692-700.	2.9	31
111	Autism spectrum traits in normal individuals: a preliminary VBM analysis. Frontiers in Human Neuroscience, 2015, 9, 264.	2.0	15
112	The role of the salience network in processing lexical and nonlexical stimuli in cochlear implant users. Human Brain Mapping, 2015, 36, 1982-1994.	3.6	11
113	Multitarget surgical neuromodulation: Combined C2 and auditory cortex implantation for tinnitus. Neuroscience Letters, 2015, 591, 202-206.	2.1	18
114	C2 Nerve Field Stimulation for the Treatment of Fibromyalgia: A Prospective, Double-blind, Randomized, Controlled Cross-over Study. Brain Stimulation, 2015, 8, 751-757.	1.6	13
115	The differential effect of low- versus high-frequency random noise stimulation in the treatment of tinnitus. Experimental Brain Research, 2015, 233, 1433-1440.	1.5	36
116	Placebo-Controlled Vagus Nerve Stimulation Paired With Tones in a Patient With Refractory Tinnitus. Otology and Neurotology, 2015, 36, 575-580.	1.3	50
117	Stress-Related Functional Connectivity Changes Between Auditory Cortex and Cingulate in Tinnitus. Brain Connectivity, 2015, 5, 371-383.	1.7	31
118	Spinal Cord Stimulation for the Treatment of Chronic Back Pain Patients: 500-Hz vs. 1000-Hz Burst Stimulation. Neuromodulation, 2015, 18, 9-12.	0.8	50
119	Is Preoperative Pain Duration Important in Spinal Cord Stimulation? A Comparison Between Tonic and Burst Stimulation. Neuromodulation, 2015, 18, 13-17.	0.8	27
120	Tinnitus: perspectives from human neuroimaging. Nature Reviews Neuroscience, 2015, 16, 632-642.	10.2	255
121	Mimicking the brain: evaluation of St Jude Medical's Prodigy Chronic Pain System with Burst Technology. Expert Review of Medical Devices, 2015, 12, 143-150.	2.8	53
122	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.	2.3	59
123	Pain characteristics in fibromyalgia: understanding the multiple dimensions of pain. Clinical Rheumatology, 2015, 34, 775-783.	2.2	34
124	Tinnitus: A Large VBM-EEG Correlational Study. PLoS ONE, 2015, 10, e0115122.	2.5	35
125	Functional connectivity changes in adults with developmental stuttering: a preliminary study using quantitative electro-encephalography. Frontiers in Human Neuroscience, 2014, 8, 783.	2.0	26
126	Pinpointing a Highly Specific Pathological Functional Connection That Turns Phantom Sound into Distress. Cerebral Cortex, 2014, 24, 2268-2282.	2.9	49

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127	TMS by double-cone coil prefrontal stimulation for medication resistant chronic depression: A case report. <i>Neurocase</i> , 2014, 20, 61-68.	0.6	23
128	Safety and Efficacy of Vagus Nerve Stimulation Paired With Tones for the Treatment of Tinnitus: A Case Series. <i>Neuromodulation</i> , 2014, 17, 170-179.	0.8	132
129	Occipital Nerve Stimulation in Fibromyalgia: A Double-Blind Placebo-Controlled Pilot Study With a Six-Month Follow-Up. <i>Neuromodulation</i> , 2014, 17, 256-264.	0.8	28
130	Auditory Cortex Stimulation Might be Efficacious in a Subgroup of Tinnitus Patients. <i>Brain Stimulation</i> , 2014, 7, 917-918.	1.6	7
131	Burst Spinal Cord Stimulation Evaluated in Patients With Failed Back Surgery Syndrome and Painful Diabetic Neuropathy. <i>Neuromodulation</i> , 2014, 17, 152-159.	0.8	165
132	Neural Substrates of Conversion Deafness in a Cochlear Implant Patient. <i>Otology and Neurotology</i> , 2014, 35, 1780-1784.	1.3	10
133	Tuning the Tinnitus Brain. <i>Hearing Journal</i> , 2014, 67, 6.	0.1	1
134	Auditory Cortex tACS and tRNS for Tinnitus: Single versus Multiple Sessions. <i>Neural Plasticity</i> , 2014, 2014, 1-7.	2.2	30
135	The Enigma of the Tinnitus-Free Dream State in a Bayesian World. <i>Neural Plasticity</i> , 2014, 2014, 1-5.	2.2	22
136	Polarity Specific Suppression Effects of Transcranial Direct Current Stimulation for Tinnitus. <i>Neural Plasticity</i> , 2014, 2014, 1-8.	2.2	45
137	Outstanding questions concerning the regulation of cognitive enhancement devices. <i>Journal of Law and the Biosciences</i> , 2014, 1, 316-321.	1.6	4
138	Hyperacusis-associated pathological resting-state brain oscillations in the tinnitus brain: a hyperresponsiveness network with paradoxically inactive auditory cortex. <i>Brain Structure and Function</i> , 2014, 219, 1113-1128.	2.3	52
139	From sensation to percept: The neural signature of auditory event-related potentials. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 42, 148-156.	6.1	83
140	An integrative model of auditory phantom perception: Tinnitus as a unified percept of interacting separable subnetworks. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 44, 16-32.	6.1	313
141	Neural correlates of high frequency repetitive transcranial magnetic stimulation improvement in post-stroke non-fluent aphasia: A case study. <i>Neurocase</i> , 2014, 20, 1-9.	0.6	40
142	Targeting the Parahippocampal Area by Auditory Cortex Stimulation in Tinnitus. <i>Brain Stimulation</i> , 2014, 7, 709-717.	1.6	39
143	The Bayesian brain: Phantom percepts resolve sensory uncertainty. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 44, 4-15.	6.1	163
144	Neuronal Correlates of Maladaptive Coping: An EEG-Study in Tinnitus Patients. <i>PLoS ONE</i> , 2014, 9, e88253.	2.5	35

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145	15 Tinnitus. , 2014, , 187-201.		0
146	Comparing immediate transient tinnitus suppression using tACS and tDCS: a placebo-controlled study. Experimental Brain Research, 2013, 226, 25-31.	1.5	43
147	Mindfulness based intervention in Parkinson's disease leads to structural brain changes on MRI. Clinical Neurology and Neurosurgery, 2013, 115, 2419-2425.	1.4	147
148	Frontal Cortex TMS for Tinnitus. Brain Stimulation, 2013, 6, 355-362.	1.6	74
149	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.	1.6	31
150	Neural substrates predicting improvement of tinnitus after cochlear implantation in patients with single-sided deafness. Hearing Research, 2013, 299, 1-9.	2.0	58
151	Does enriched acoustic environment in humans abolish chronic tinnitus clinically and electrophysiologically? A double blind placebo controlled study. Hearing Research, 2013, 296, 141-148.	2.0	59
152	Burst Spinal Cord Stimulation for Limb and Back Pain. World Neurosurgery, 2013, 80, 642-649.e1.	1.3	333
153	Tinnitus and musical hallucinosis: The same but more. NeuroImage, 2013, 82, 373-383.	4.2	59
154	â€œDistressed agingâ€: the differences in brain activity between early- and late-onset tinnitus. Neurobiology of Aging, 2013, 34, 1853-1863.	3.1	49
155	Chasing Map Plasticity in Neuropathic Pain. World Neurosurgery, 2013, 80, 901.e1-901.e5.	1.3	25
156	The Artful Mind: Sexual Selection and an Evolutionary Neurobiological Approach to Aesthetic Appreciation. Perspectives in Biology and Medicine, 2013, 56, 327-340.	0.5	5
157	Pulsatile Tinnitus due to a Tortuous Siphon-Like Internal Carotid Artery Successfully Treated by Arterial Remodeling. Case Reports in Otolaryngology, 2013, 2013, 1-4.	0.2	6
158	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.	0.8	12
159	C2 Subcutaneous Stimulation for Failed Back Surgery Syndrome: A Case Report. Neuromodulation, 2013, 16, 610-613.	0.8	19
160	The predictive brain and the â€œfree willâ€ illusion. Frontiers in Psychology, 2013, 4, 131.	2.1	20
161	Head-to-Head Comparison of Transcranial Random Noise Stimulation, Transcranial AC Stimulation, and Transcranial DC Stimulation for Tinnitus. Frontiers in Psychiatry, 2013, 4, 158.	2.6	87
162	Brain Areas Controlling Heart Rate Variability in Tinnitus and Tinnitus-Related Distress. PLoS ONE, 2013, 8, e59728.	2.5	52

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163	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.	0.6	12
164	Mapping Tinnitus-Related Brain Activation: An Activation-Likelihood Estimation Metaanalysis of PET Studies. Journal of Nuclear Medicine, 2012, 53, 1550-1557.	5.0	80
165	Dorsolateral Prefrontal Cortex Transcranial Magnetic Stimulation and Electrode Implant for Intractable Tinnitus. World Neurosurgery, 2012, 77, 778-784.	1.3	40
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