

Central Gain Control in Tinnitus and Hyperacusis

Frontiers in Neurology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Tinnitus-Related Changes in the Inferior Colliculus. <i>Frontiers in Neurology</i> , 2015, 6, 61.	1.1	30
2	Abnormal Auditory Gain in Hyperacusis: Investigation with a Computational Model. <i>Frontiers in Neurology</i> , 2015, 6, 157.	1.1	23
3	Forward acoustic masking enhances the auditory brainstem response in a diotic, but not dichotic, paradigm in salicylate-induced tinnitus. <i>Hearing Research</i> , 2015, 323, 51-60.	0.9	12
4	Pump Up the Volume: Could Excessive Neural Gain Explain Tinnitus and Hyperacusis?. <i>Audiology and Neuro-Otology</i> , 2015, 20, 273-282.	0.6	39
5	Hyperacusis following unilateral damage to the insular cortex: A three-case report. <i>Brain Research</i> , 2015, 1606, 102-112.	1.1	32
6	Development of the acoustic startle response in rats and its change after early acoustic trauma. <i>Behavioural Brain Research</i> , 2015, 286, 212-221.	1.2	27
7	No longer falling on deaf ears: Mechanisms of degeneration and regeneration of cochlear ribbon synapses. <i>Hearing Research</i> , 2015, 329, 1-10.	0.9	30
8	Coexistence of tinnitus and hyperacusis in individuals with auditory dys-synchrony: A single case study. <i>Intractable and Rare Diseases Research</i> , 2016, 5, 50-55.	0.3	0
9	N-acetyl-cysteine prevents age-related hearing loss and the progressive loss of inner hair cells in β -glutamyl transferase 1 deficient mice. <i>Aging</i> , 2016, 8, 730-750.	1.4	46
10	Neural Hyperactivity of the Central Auditory System in Response to Peripheral Damage. <i>Neural Plasticity</i> , 2016, 2016, 1-9.	1.0	22
11	Variable Effects of Acoustic Trauma on Behavioral and Neural Correlates of Tinnitus In Individual Animals. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 207.	1.0	42
12	Persistent Thalamic Sound Processing Despite Profound Cochlear Denervation. <i>Frontiers in Neural Circuits</i> , 2016, 10, 72.	1.4	18
13	Theoretical Tinnitus Framework: A Neurofunctional Model. <i>Frontiers in Neuroscience</i> , 2016, 10, 370.	1.4	15
14	Auditory brainstem response and late latency response in individuals with tinnitus having normal hearing. <i>Intractable and Rare Diseases Research</i> , 2016, 5, 262-268.	0.3	18
15	Cortical Reorganisation during a 30-Week Tinnitus Treatment Program. <i>PLoS ONE</i> , 2016, 11, e0148828.	1.1	5
16	The Effects of Compensatory Auditory Stimulation and High-Definition Transcranial Direct Current Stimulation (HD-tDCS) on Tinnitus Perception – A Randomized Pilot Study. <i>PLoS ONE</i> , 2016, 11, e0166208.	1.1	19
17	Effect of repetitive transcranial magnetic stimulation on auditory function following acoustic trauma. <i>Neurological Sciences</i> , 2016, 37, 1511-1516.	0.9	7
18	Time course and frequency specificity of sub-cortical plasticity in adults following acute unilateral deprivation. <i>Hearing Research</i> , 2016, 341, 210-219.	0.9	12

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19	Investigating the Effects of a Personalized, Spectrally Altered Music-Based Sound Therapy on Treating Tinnitus: A Blinded, Randomized Controlled Trial. <i>Audiology and Neuro-Otology</i> , 2016, 21, 296-304.	0.6	26
20	A role for inhibition in deafness-induced plasticity of the avian auditory brainstem. <i>Neuroscience</i> , 2016, 327, 10-19.	1.1	3
21	Central Gain Restores Auditory Processing following Near-Complete Cochlear Denervation. <i>Neuron</i> , 2016, 89, 867-879.	3.8	259
22	Noise trauma induced plastic changes in brain regions outside the classical auditory pathway. <i>Neuroscience</i> , 2016, 315, 228-245.	1.1	37
23	The effect of noise exposure during the developmental period on the function of the auditory system. <i>Hearing Research</i> , 2017, 352, 1-11.	0.9	21
24	Plastic changes along auditory pathway during salicylate-induced ototoxicity: Hyperactivity and CF shifts. <i>Hearing Research</i> , 2017, 347, 28-40.	0.9	31
25	Salicylate-induced hyperacusis in rats: Dose- and frequency-dependent effects. <i>Hearing Research</i> , 2017, 350, 133-138.	0.9	27
26	A randomised controlled study of mindfulness meditation versus relaxation therapy in the management of tinnitus. <i>Journal of Laryngology and Otology</i> , 2017, 131, 501-507.	0.4	41
27	Tinnitus and hyperacusis: Contributions of paraflocculus, reticular formation and stress. <i>Hearing Research</i> , 2017, 349, 208-222.	0.9	38
28	Auditory Brainstem and Middle Latency Responses Measured Pre- and Posttreatment for Hyperacusis Hearing-Impaired Persons Successfully Treated to Improve Sound Tolerance and to Expand the Dynamic Range for Loudness: Case Evidence. <i>Seminars in Hearing</i> , 2017, 38, 071-093.	0.5	4
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32	Corelease of Inhibitory Neurotransmitters in the Mouse Auditory Midbrain. <i>Journal of Neuroscience</i> , 2017, 37, 9453-9464.	1.7	45
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34	Magnified Neural Envelope Coding Predicts Deficits in Speech Perception in Noise. <i>Journal of Neuroscience</i> , 2017, 37, 7727-7736.	1.7	53
35	Pharmacological modulation of Kv3.1 mitigates auditory midbrain temporal processing deficits following auditory nerve damage. <i>Scientific Reports</i> , 2017, 7, 17496.	1.6	26
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37	Long-Lasting forward Suppression of Spontaneous Firing in Auditory Neurons: Implication to the Residual Inhibition of Tinnitus. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2017, 18, 343-353.	0.9	34

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39	Reductions in cortical alpha activity, enhancements in neural responses and impaired gap detection caused by sodium salicylate in awake guinea pigs. <i>European Journal of Neuroscience</i> , 2017, 45, 398-409.	1.2	11
40	Optimal management of Cogan’s syndrome: a multidisciplinary approach. <i>Journal of Multidisciplinary Healthcare</i> , 2018, Volume 11, 1-11.	1.1	28
41	Reflex Modification Audiometry Reveals Dual Roles for Olivocochlear Neurotransmission. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 361.	1.8	9
42	Inner Hair Cell Loss Disrupts Hearing and Cochlear Function Leading to Sensory Deprivation and Enhanced Central Auditory Gain. <i>Frontiers in Neuroscience</i> , 2016, 10, 621.	1.4	101
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52	The FBN rat model of aging: investigation of ABR waveforms and ribbon synapse changes. <i>Neurobiology of Aging</i> , 2018, 62, 53-63.	1.5	38
53	Species Differences in the Organization of the Ventral Cochlear Nucleus. <i>Anatomical Record</i> , 2018, 301, 862-886.	0.8	4
54	Neural plasticity and its initiating conditions in tinnitus. <i>Hno</i> , 2018, 66, 172-178.	0.4	28
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62	Effects of lifetime noise exposure on the middle-age human auditory brainstem response, tinnitus and speech-in-noise intelligibility. <i>Hearing Research</i> , 2018, 365, 36-48.	0.9	100
63	Small Arms Fire-like noise: Effects on Hearing Loss, Gap Detection and the Influence of Preventive Treatment. <i>Neuroscience</i> , 2019, 407, 32-40.	1.1	14
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68	Neural signatures of temporal regularity processing in sounds differ between younger and older adults. <i>Neurobiology of Aging</i> , 2019, 83, 73-85.	1.5	34
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74	Intermittent tinnitus—an empirical description. <i>Hno</i> , 2019, 67, 51-58.	0.4	4
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78	Noise-Induced loudness recruitment and hyperacusis: Insufficient central gain in auditory cortex and amygdala. <i>Neuroscience</i> , 2019, 422, 212-227.	1.1	34
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81	Auditory brainstem response demonstrates that reduced peripheral auditory input is associated with self-report of tinnitus. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 3849-3862.	0.5	32
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84	Intermittent Low-level Noise Causes Negative Neural Gain in the Inferior Colliculus. <i>Neuroscience</i> , 2019, 407, 135-145.	1.1	18
85	Synaptic Reorganization Response in the Cochlear Nucleus Following Intense Noise Exposure. <i>Neuroscience</i> , 2019, 399, 184-198.	1.1	11
86	Enhanced Central Neural Gain Compensates Acoustic Trauma-induced Cochlear Impairment, but Unlikely Correlates with Tinnitus and Hyperacusis. <i>Neuroscience</i> , 2019, 407, 146-169.	1.1	50
87	Traditional oriental medicine for sensorineural hearing loss: Can ethnopharmacology contribute to potential drug discovery?. <i>Journal of Ethnopharmacology</i> , 2019, 231, 409-428.	2.0	91
88	Testing the Central Gain Model: Loudness Growth Correlates with Central Auditory Gain Enhancement in a Rodent Model of Hyperacusis. <i>Neuroscience</i> , 2019, 407, 93-107.	1.1	43
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90	The association between subcortical and cortical fMRI and lifetime noise exposure in listeners with normal hearing thresholds. <i>NeuroImage</i> , 2020, 204, 116239.	2.1	7
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99	Sex-Dependent Aggregation of Tinnitus in Swedish Families. <i>Journal of Clinical Medicine</i> , 2020, 9, 3812.	1.0	18
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109	Binaural Interaction in Tinnitus Patients. <i>Audiology and Neuro-Otology</i> , 2020, 25, 315-322.	0.6	2
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120	Acoustic trauma induced the alteration of the activity balance of excitatory and inhibitory neurons in the inferior colliculus of mice. Hearing Research, 2020, 391, 107957.	0.9	10
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123	Effect of Tinnitus Habituation Therapy on Auditory Abilities. International Archives of Otorhinolaryngology, 2021, 25, e18-e26.	0.3	2
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153	Tinnitus: current treatments and future directions. <i>Otorhinolaryngology(Italy)</i> , 2021, 71, .	0.1	0
154	Virtual reality for tinnitus management: a randomized controlled trial. <i>International Journal of Audiology</i> , 2021, , 1-8.	0.9	7
155	Development of Tinnitus and Hyperacusis in a Mouse Model of Tobramycin Cochleotoxicity. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 715952.	1.4	0
156	A neural signature of regularity in sound is reduced in older adults. <i>Neurobiology of Aging</i> , 2022, 109, 1-10.	1.5	15
157	Subjective tinnitus: lesion-induced pathological central homeostasis remodeling. <i>Journal of Otology</i> , 2021, 16, 266-272.	0.4	1
158	Auditory experience, for a certain duration, is a prerequisite for tinnitus: lessons from subjects with unilateral tinnitus in the better-hearing ear. <i>Progress in Brain Research</i> , 2021, 260, 223-233.	0.9	3
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167	Central Compensation in Auditory Brainstem after Damaging Noise Exposure. <i>ENeuro</i> , 2018, 5, ENEURO.0250-18.2018.	0.9	45
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171	Measurements From Ears With Endolymphatic Hydrops and 2-Hydroxypropyl-Beta-Cyclodextrin Provide Evidence That Loudness Recruitment Can Have a Cochlear Origin. <i>Frontiers in Surgery</i> , 2021, 8, 687490.	0.6	2
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175	Analysis of concrete expressions of patient's hyperacusis. <i>Audiology Japan</i> , 2019, 62, 235-239.	0.1	0
176	Hiperacusia. <i>EMC - OtorrinolaringologÃa</i> , 2019, 48, 1-8.	0.0	0
178	Severe Temporal Hyper-Activated States Caused by Noise in Tinnitus and Hyperacusis with Normal Hearing. <i>Journal of Audiology and Otology</i> , 2019, 23, 160-166.	0.2	1
180	The Aging Auditory System: Electrophysiology. <i>Springer Handbook of Auditory Research</i> , 2020, , 117-141.	0.3	2
181	AcÃfenos subjetivos invalidantes. <i>EMC - OtorrinolaringologÃa</i> , 2020, 49, 1-21.	0.0	0
184	The Content and Quality of Information About Hyperacusis Presented Online. <i>American Journal of Audiology</i> , 2020, 29, 623-630.	0.5	5
185	The Pathological Mechanisms and Treatments of Tinnitus. <i>Discoveries</i> , 2021, 9, e137.	1.5	3
186	Cross-modal connectivity effects in age-related hearing loss. <i>Neurobiology of Aging</i> , 2022, 111, 1-13.	1.5	3
187	Manejo del tinnitus con estimulador de sonido con especificidad frecuencial. <i>Acta De OtorrinolaringologÃa & CirugÃa De Cabeza Y Cuello</i> , 2021, 49, 184-188.	0.0	0
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189	Disturbed Balance of Inhibitory Signaling Links Hearing Loss and Cognition. <i>Frontiers in Neural Circuits</i> , 2021, 15, 785603.	1.4	11
190	Sound source localization patterns and bilateral cochlear implants: Age at onset of deafness effects. <i>PLoS ONE</i> , 2022, 17, e0263516.	1.1	1
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