

Multisensory dysfunction accompanies crossmodal plasticity impairment

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Early Hearing-Impairment Results in Crossmodal Reorganization of Ferret Core Auditory Cortex. <i>Neural Plasticity</i> , 2012, 2012, 1-13.	1.0	45
2	Multisensory and unisensory neurons in ferret parietal cortex exhibit distinct functional properties. <i>European Journal of Neuroscience</i> , 2013, 37, 910-923.	1.2	21
3	Cross-Modal Re-Organization in Adults with Early Stage Hearing Loss. <i>PLoS ONE</i> , 2014, 9, e90594.	1.1	122
4	Enhanced peripheral visual processing in congenitally deaf humans is supported by multiple brain regions, including primary auditory cortex. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 177.	1.0	82
5	Insult-induced adaptive plasticity of the auditory system. <i>Frontiers in Neuroscience</i> , 2014, 8, 110.	1.4	57
6	Modified Areal Cartography in Auditory Cortex Following Early- and Late-Onset Deafness. <i>Cerebral Cortex</i> , 2014, 24, 1778-1792.	1.6	42
7	The cross-modal aspect of mouse visual cortex plasticity induced by monocular enucleation is age dependent. <i>Journal of Comparative Neurology</i> , 2014, 522, 950-970.	0.9	34
8	Age-related hearing loss increases cross-modal distractibility. <i>Hearing Research</i> , 2014, 316, 28-36.	0.9	18
9	Microstructural differences in the thalamus and thalamic radiations in the congenitally deaf. <i>NeuroImage</i> , 2014, 100, 347-357.	2.1	26
10	Differential modification of cortical and thalamic projections to cat primary auditory cortex following early- and late-onset deafness. <i>Journal of Comparative Neurology</i> , 2015, 523, 2297-2320.	0.9	49
11	Bimodal stimulus timing-dependent plasticity in primary auditory cortex is altered after noise exposure with and without tinnitus. <i>Journal of Neurophysiology</i> , 2015, 114, 3064-3075.	0.9	51
12	Fractality of sensations and the brain health: the theory linking neurodegenerative disorder with distortion of spatial and temporal scale-invariance and fractal complexity of the visible world. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 135.	1.7	19
13	Frequency-specific alternations in the amplitude of low-frequency fluctuations in chronic tinnitus. <i>Frontiers in Neural Circuits</i> , 2015, 9, 67.	1.4	44
14	Visual system plasticity in mammals: the story of monocular enucleation-induced vision loss. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 60.	1.2	29
15	A review of causal mechanisms underlying the link between age-related hearing loss and cognitive decline. <i>Ageing Research Reviews</i> , 2015, 23, 154-166.	5.0	309
16	Single-unit analysis of somatosensory processing in the core auditory cortex of hearing ferrets. <i>European Journal of Neuroscience</i> , 2015, 41, 686-698.	1.2	45
17	The Current Status of Somatostatin-Interneurons in Inhibitory Control of Brain Function and Plasticity. <i>Neural Plasticity</i> , 2016, 2016, 1-20.	1.0	53
18	Neural Hyperactivity of the Central Auditory System in Response to Peripheral Damage. <i>Neural Plasticity</i> , 2016, 2016, 1-9.	1.0	22

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19	Cross-Modal Re-Organization in Clinical Populations with Hearing Loss. <i>Brain Sciences</i> , 2016, 6, 4.	1.1	45
20	Synaptic Basis for Cross-modal Plasticity: Enhanced Supragranular Dendritic Spine Density in Anterior Ectosylvian Auditory Cortex of the Early Deaf Cat. <i>Cerebral Cortex</i> , 2016, 26, 1365-1376.	1.6	36
21	Crossmodal plasticity in auditory, visual and multisensory cortical areas following noise-induced hearing loss in adulthood. <i>Hearing Research</i> , 2017, 343, 92-107.	0.9	30
22	Is territorial expansion a mechanism for crossmodal plasticity?. <i>European Journal of Neuroscience</i> , 2017, 45, 1165-1176.	1.2	9
23	Noise exposure alters long-term neural firing rates and synchrony in primary auditory and rostral belt cortices following bimodal stimulation. <i>Hearing Research</i> , 2017, 356, 1-15.	0.9	11
24	Changed crossmodal functional connectivity in older adults with hearing loss. <i>Cortex</i> , 2017, 86, 109-122.	1.1	42
25	Descending projections from the inferior colliculus to medial olivocochlear efferents: Mice with normal hearing, early onset hearing loss, and congenital deafness. <i>Hearing Research</i> , 2017, 343, 34-49.	0.9	30
26	Audio-visual speech processing in age-related hearing loss: Stronger integration and increased frontal lobe recruitment. <i>NeuroImage</i> , 2018, 175, 425-437.	2.1	61
27	Transient and localized optogenetic activation of somatostatin-interneurons in mouse visual cortex abolishes long-term cortical plasticity due to vision loss. <i>Brain Structure and Function</i> , 2018, 223, 2073-2095.	1.2	13
28	The Physiology of Homeoprotein Transduction. <i>Physiological Reviews</i> , 2018, 98, 1943-1982.	13.1	45
29	Somatosensory Cross-Modal Reorganization in Adults With Age-Related, Early-Stage Hearing Loss. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 172.	1.0	33
30	Evaluating Cholinergic Receptor Expression in Guinea Pig Primary Auditory and Rostral Belt Cortices After Noise Damage Using [³ H]Scopolamine and [¹⁸ F]Flubatine Autoradiography. <i>Molecular Imaging</i> , 2019, 18, 153601211984892.	0.7	0
31	Compensatory Plasticity in the Lateral Extrastriate Visual Cortex Preserves Audiovisual Temporal Processing following Adult-Onset Hearing Loss. <i>Neural Plasticity</i> , 2019, 2019, 1-20.	1.0	7
32	A Cross-Sectional Questionnaire Study of Tinnitus Awareness and Impact in a Population of Adult Cochlear Implant Users. <i>Ear and Hearing</i> , 2019, 40, 135-142.	1.0	10
33	What and How the Deaf Brain Sees. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1091-1109.	1.1	25
34	Downward cross-modal plasticity in single-sided deafness. <i>NeuroImage</i> , 2019, 197, 608-617.	2.1	11
35	Hearing-impaired listeners show increased audiovisual benefit when listening to speech in noise. <i>NeuroImage</i> , 2019, 196, 261-268.	2.1	43
36	Sensorial frailty: age-related hearing loss and the risk of cognitive impairment and dementia in later life. <i>Therapeutic Advances in Chronic Disease</i> , 2019, 10, 204062231881100.	1.1	68

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37	Adult-Onset Hearing Impairment Induces Layer-Specific Cortical Reorganization: Evidence of Crossmodal Plasticity and Central Gain Enhancement. <i>Cerebral Cortex</i> , 2019, 29, 1875-1888.	1.6	22
38	Crossmodal neuroplasticity in deafness. , 2020, , 343-370.		3
39	Electro-Haptic Enhancement of Spatial Hearing in Cochlear Implant Users. <i>Scientific Reports</i> , 2020, 10, 1621.	1.6	19
40	The Relationship between Hearing Impairment and Cognitive Function in Middle-Aged and Older Adults: A Meta-Analysis. <i>Communication Sciences and Disorders</i> , 2018, 23, 378-391.	0.1	7
41	Tinnitus alters resting state functional connectivity (RSFC) in human auditory and non-auditory brain regions as measured by functional near-infrared spectroscopy (fNIRS). <i>PLoS ONE</i> , 2017, 12, e0179150.	1.1	23
42	Cross-modal connectivity of the secondary auditory cortex with higher visual area in the congenitally deaf—A case study. <i>Journal of Biomedical Science and Engineering</i> , 2013, 06, 314-318.	0.2	3
44	Brain Morphological Modifications in Congenital and Acquired Auditory Deprivation: A Systematic Review and Coordinate-Based Meta-Analysis. <i>Frontiers in Neuroscience</i> , 2022, 16, 850245.	1.4	6
45	Audiovisual Integration for Saccade and Vergence Eye Movements Increases with Presbycusis and Loss of Selective Attention on the Stroop Test. <i>Brain Sciences</i> , 2022, 12, 591.	1.1	1
46	Afferent Loss, GABA, and Central Gain in Older Adults: Associations with Speech Recognition in Noise. <i>Journal of Neuroscience</i> , 2022, 42, 7201-7212.	1.7	11