Teemu Rinne

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3900405/publications.pdf

Version: 2024-02-01

53 papers	6,539 citations	147566 31 h-index	168136 53 g-index
53 all docs	53 docs citations	53 times ranked	4929 citing authors

#	Article	IF	Citations
1	The mismatch negativity (MMN) in basic research of central auditory processing: A review. Clinical Neurophysiology, 2007, 118, 2544-2590.	0.7	2,188
2	The mismatch negativity (MMN): towards the optimal paradigm. Clinical Neurophysiology, 2004, 115, 140-144.	0.7	581
3	Separate Time Behaviors of the Temporal and Frontal Mismatch Negativity Sources. NeuroImage, 2000, 12, 14-19.	2.1	445
4	Differential Contribution of Frontal and Temporal Cortices to Auditory Change Detection: fMRI and ERP Results. NeuroImage, 2002, 15, 167-174.	2.1	436
5	Maturation of cortical sound processing as indexed by event-related potentials. Clinical Neurophysiology, 2002, 113, 870-882.	0.7	258
6	Measurement of extensive auditory discrimination profiles using the mismatch negativity (MMN) of the auditory event-related potential (ERP). Clinical Neurophysiology, 2007, 118, 177-185.	0.7	216
7	Two separate mechanisms underlie auditory change detection and involuntary control of attention. Brain Research, 2006, 1077, 135-143.	1.1	172
8	Functional Maps of Human Auditory Cortex: Effects of Acoustic Features and Attention. PLoS ONE, 2009, 4, e5183.	1.1	131
9	Brain networks of bottom-up triggered and top-down controlled shifting of auditory attention. Brain Research, 2009, 1286, 155-164.	1.1	128
10	Superior temporal and inferior frontal cortices are activated by infrequent sound duration decrements: an fMRI study. NeuroImage, 2005, 26, 66-72.	2.1	121
11	Aging Effects on Auditory Processing: An Event-Related Potential Study. Experimental Aging Research, 1996, 22, 171-184.	0.6	117
12	Analysis of speech sounds is left-hemisphere predominant at 100â€“150 ms after sound onset. NeuroReport, 1999, 10, 1113-1117.	0.6	112
13	Stimulus-dependent activations and attention-related modulations inÂthe auditory cortex: A meta-analysis of fMRI studies. Hearing Research, 2014, 307, 29-41.	0.9	111
14	Selective attention to sound location or pitch studied with fMRI. Brain Research, 2006, 1077, 123-134.	1.1	99
15	Auditory Attention Activates Peripheral Visual Cortex. PLoS ONE, 2009, 4, e4645.	1.1	92
16	RAPID COMMUNICATION Scalp-Recorded Optical Signals Make Sound Processing in the Auditory Cortex Visible?. NeuroImage, 1999, 10, 620-624.	2.1	90
17	Auditory Selective Attention Modulates Activation of Human Inferior Colliculus. Journal of Neurophysiology, 2008, 100, 3323-3327.	0.9	87
18	Functional Properties of Human Auditory Cortical Fields. Frontiers in Systems Neuroscience, 2010, 4, 155.	1.2	85

#	Article	IF	Citations
19	Orienting and maintenance of spatial attention in audition and vision: multimodal and modality-specific brain activations. Brain Structure and Function, 2007, 212, 181-194.	1.2	82
20	Age-related functional differences between auditory cortices. NeuroReport, 1995, 6, 1803-1806.	0.6	78
21	Mismatch negativity is unaffected by top-down predictive information. NeuroReport, 2001, 12, 2209-2213.	0.6	74
22	Modulation of auditory cortex activation by sound presentation rate and attention. Human Brain Mapping, 2005, 26, 94-99.	1.9	61
23	MEG-compatible multichannel EEG electrode array. Electroencephalography and Clinical Neurophysiology, 1996, 99, 568-570.	0.3	57
24	Task-Dependent Activations of Human Auditory Cortex during Pitch Discrimination and Pitch Memory Tasks. Journal of Neuroscience, 2009, 29, 13338-13343.	1.7	57
25	Human brain activity associated with audiovisual perception and attention. NeuroImage, 2007, 34, 1683-1691.	2.1	56
26	Top-down controlled and bottom-up triggered orienting of auditory attention to pitch activate overlapping brain networks. Brain Research, 2015, 1626, 136-145.	1.1	47
27	Effects of Acoustic Gradient Noise from Functional Magnetic Resonance Imaging on Auditory Processing as Reflected by Event-Related Brain Potentials. NeuroImage, 2001, 14, 244-251.	2.1	40
28	Distributed cortical networks for focused auditory attention and distraction. Neuroscience Letters, 2007, 416, 247-251.	1.0	39
29	The functional role of the frontal cortex in pre-attentive auditory change detection. NeuroImage, 2013, 83, 870-879.	2.1	38
30	Changes in acoustic features and their conjunctions are processed by separate neuronal populations. NeuroReport, 2001, 12, 525-529.	0.6	37
31	Attention modulates sound processing in human auditory cortex but not the inferior colliculus. NeuroReport, 2007, 18, 1311-1314.	0.6	35
32	Electric brain response to sound repetition in humans: an index of long-term-memory â€“ trace formation?. Neuroscience Letters, 2002, 318, 49-51.	1.0	32
33	Evidence for cue-independent spatial representation in the human auditory cortex during active listening. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7602-E7611.	3.3	32
34	Selective attention to sound location or pitch studied with eventâ€related brain potentials and magnetic fields. European Journal of Neuroscience, 2008, 27, 3329-3341.	1.2	29
35	Attention-related modulation of auditory-cortex responses to speech sounds during dichotic listening. Brain Research, 2012, 1442, 47-54.	1.1	29
36	Orienting and maintenance of spatial attention in audition and vision: an event-related brain potential study. European Journal of Neuroscience, 2007, 25, 3725-3733.	1.2	28

#	Article	IF	Citations
37	Brain activity during auditory and visual phonological, spatial and simple discrimination tasks. Brain Research, 2013, 1496, 55-69.	1.1	26
38	Brain activations during bimodal dual tasks depend on the nature and combination of component tasks. Frontiers in Human Neuroscience, 2015, 9, 102.	1.0	21
39	Activations of Human Auditory Cortex During Visual and Auditory Selective Attention Tasks with Varying Difficulty. Open Neuroimaging Journal, 2010, 4, 187-193.	0.2	21
40	Functional Imaging of Audioâ€“Visual Selective Attention in Monkeys and Humans: How do Lapses in Monkey Performance Affect Cross-Species Correspondences?. Cerebral Cortex, 2017, 27, 3471-3484.	1.6	20
41	Activations of human auditory cortex to phonemic and nonphonemic vowels during discrimination and memory tasks. NeuroImage, 2013, 77, 279-287.	2.1	19
42	Task-dependent activations of human auditory cortex during spatial discrimination and spatial memory tasks. NeuroImage, 2012, 59, 4126-4131.	2.1	18
43	The effect of precision and power grips on activations in human auditory cortex. Frontiers in Neuroscience, 2015, 9, 378.	1.4	17
44	Reward cues readily direct monkeysâ€™ auditory performance resulting in broad auditory cortex modulation and interaction with sites along cholinergic and dopaminergic pathways. Scientific Reports, 2019, 9, 3055.	1.6	13
45	Taskâ€dependent activations of human auditory cortex to prototypical and nonprototypical vowels. Human Brain Mapping, 2013, 34, 1272-1281.	1.9	12
46	Intrinsic, stimulus-driven and task-dependent connectivity in human auditory cortex. Brain Structure and Function, 2018, 223, 2113-2127.	1.2	12
47	Processing of pitch and location in human auditory cortex during visual and auditory tasks. Frontiers in Psychology, 2015, 6, 1678.	1.1	10
48	Attention effects on the processing of task-relevant and task-irrelevant speech sounds and letters. Frontiers in Neuroscience, 2013, 7, 231.	1.4	9
49	Interaction of the effects associated with auditory-motor integration and attention-engaging listening tasks. Neuropsychologia, 2019, 124, 322-336.	0.7	9
50	Effects of significance of auditory location changes on event related brain potentials and pitch discrimination performance. Brain Research, 2012, 1427, 44-53.	1.1	4
51	Processing of spatial sounds in human auditory cortex during visual, discrimination and 2-back tasks. Frontiers in Neuroscience, 2014, 8, 220.	1.4	4
52	Acoustical and categorical tasks differently modulate activations of human auditory cortex to vowels. Brain and Language, 2014, 138, 71-79.	0.8	3
53	Source Analysis of Event-Related Potentials During Pitch Discrimination and Pitch Memory Tasks. Brain Topography, 2015, 28, 445-458.	0.8	1