

# Teemu Rinne

## List of Publications by Year in descending order

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53  
papers

6,539  
citations

147801

31  
h-index

168389

53  
g-index

53  
all docs

53  
docs citations

53  
times ranked

4929  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of the effects associated with auditory-motor integration and attention-engaging listening tasks. <i>Neuropsychologia</i> , 2019, 124, 322-336.	1.6	9
2	Reward cues readily direct monkeys' auditory performance resulting in broad auditory cortex modulation and interaction with sites along cholinergic and dopaminergic pathways. <i>Scientific Reports</i> , 2019, 9, 3055.	3.3	13
3	Intrinsic, stimulus-driven and task-dependent connectivity in human auditory cortex. <i>Brain Structure and Function</i> , 2018, 223, 2113-2127.	2.3	12
4	Evidence for cue-independent spatial representation in the human auditory cortex during active listening. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7602-E7611.	7.1	32
5	Functional Imaging of Audio-Visual Selective Attention in Monkeys and Humans: How do Lapses in Monkey Performance Affect Cross-Species Correspondences?. <i>Cerebral Cortex</i> , 2017, 27, 3471-3484.	2.9	20
6	Brain activations during bimodal dual tasks depend on the nature and combination of component tasks. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 102.	2.0	21
7	The effect of precision and power grips on activations in human auditory cortex. <i>Frontiers in Neuroscience</i> , 2015, 9, 378.	2.8	17
8	Processing of pitch and location in human auditory cortex during visual and auditory tasks. <i>Frontiers in Psychology</i> , 2015, 6, 1678.	2.1	10
9	Top-down controlled and bottom-up triggered orienting of auditory attention to pitch activate overlapping brain networks. <i>Brain Research</i> , 2015, 1626, 136-145.	2.2	47
10	Source Analysis of Event-Related Potentials During Pitch Discrimination and Pitch Memory Tasks. <i>Brain Topography</i> , 2015, 28, 445-458.	1.8	1
11	Processing of spatial sounds in human auditory cortex during visual, discrimination and 2-back tasks. <i>Frontiers in Neuroscience</i> , 2014, 8, 220.	2.8	4
12	Acoustical and categorical tasks differently modulate activations of human auditory cortex to vowels. <i>Brain and Language</i> , 2014, 138, 71-79.	1.6	3
13	Stimulus-dependent activations and attention-related modulations in the auditory cortex: A meta-analysis of fMRI studies. <i>Hearing Research</i> , 2014, 307, 29-41.	2.0	111
14	Task-dependent activations of human auditory cortex to prototypical and nonprototypical vowels. <i>Human Brain Mapping</i> , 2013, 34, 1272-1281.	3.6	12
15	Activations of human auditory cortex to phonemic and nonphonemic vowels during discrimination and memory tasks. <i>NeuroImage</i> , 2013, 77, 279-287.	4.2	19
16	The functional role of the frontal cortex in pre-attentive auditory change detection. <i>NeuroImage</i> , 2013, 83, 870-879.	4.2	38
17	Brain activity during auditory and visual phonological, spatial and simple discrimination tasks. <i>Brain Research</i> , 2013, 1496, 55-69.	2.2	26
18	Attention effects on the processing of task-relevant and task-irrelevant speech sounds and letters. <i>Frontiers in Neuroscience</i> , 2013, 7, 231.	2.8	9

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19	Task-dependent activations of human auditory cortex during spatial discrimination and spatial memory tasks. <i>NeuroImage</i> , 2012, 59, 4126-4131.	4.2	18
20	Effects of significance of auditory location changes on event related brain potentials and pitch discrimination performance. <i>Brain Research</i> , 2012, 1427, 44-53.	2.2	4
21	Attention-related modulation of auditory-cortex responses to speech sounds during dichotic listening. <i>Brain Research</i> , 2012, 1442, 47-54.	2.2	29
22	Functional Properties of Human Auditory Cortical Fields. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 155.	2.5	85
23	Activations of Human Auditory Cortex During Visual and Auditory Selective Attention Tasks with Varying Difficulty. <i>Open Neuroimaging Journal</i> , 2010, 4, 187-193.	0.2	21
24	Auditory Attention Activates Peripheral Visual Cortex. <i>PLoS ONE</i> , 2009, 4, e4645.	2.5	92
25	Task-Dependent Activations of Human Auditory Cortex during Pitch Discrimination and Pitch Memory Tasks. <i>Journal of Neuroscience</i> , 2009, 29, 13338-13343.	3.6	57
26	Brain networks of bottom-up triggered and top-down controlled shifting of auditory attention. <i>Brain Research</i> , 2009, 1286, 155-164.	2.2	128
27	Functional Maps of Human Auditory Cortex: Effects of Acoustic Features and Attention. <i>PLoS ONE</i> , 2009, 4, e5183.	2.5	131
28	Selective attention to sound location or pitch studied with event-related brain potentials and magnetic fields. <i>European Journal of Neuroscience</i> , 2008, 27, 3329-3341.	2.6	29
29	Auditory Selective Attention Modulates Activation of Human Inferior Colliculus. <i>Journal of Neurophysiology</i> , 2008, 100, 3323-3327.	1.8	87
30	Attention modulates sound processing in human auditory cortex but not the inferior colliculus. <i>NeuroReport</i> , 2007, 18, 1311-1314.	1.2	35
31	The mismatch negativity (MMN) in basic research of central auditory processing: A review. <i>Clinical Neurophysiology</i> , 2007, 118, 2544-2590.	1.5	2,188
32	Distributed cortical networks for focused auditory attention and distraction. <i>Neuroscience Letters</i> , 2007, 416, 247-251.	2.1	39
33	Measurement of extensive auditory discrimination profiles using the mismatch negativity (MMN) of the auditory event-related potential (ERP). <i>Clinical Neurophysiology</i> , 2007, 118, 177-185.	1.5	216
34	Human brain activity associated with audiovisual perception and attention. <i>NeuroImage</i> , 2007, 34, 1683-1691.	4.2	56
35	Orienting and maintenance of spatial attention in audition and vision: an event-related brain potential study. <i>European Journal of Neuroscience</i> , 2007, 25, 3725-3733.	2.6	28
36	Orienting and maintenance of spatial attention in audition and vision: multimodal and modality-specific brain activations. <i>Brain Structure and Function</i> , 2007, 212, 181-194.	2.3	82

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37	Selective attention to sound location or pitch studied with fMRI. Brain Research, 2006, 1077, 123-134.	2.2	99
38	Two separate mechanisms underlie auditory change detection and involuntary control of attention. Brain Research, 2006, 1077, 135-143.	2.2	172
39	Modulation of auditory cortex activation by sound presentation rate and attention. Human Brain Mapping, 2005, 26, 94-99.	3.6	61
40	Superior temporal and inferior frontal cortices are activated by infrequent sound duration decrements: an fMRI study. NeuroImage, 2005, 26, 66-72.	4.2	121
41	The mismatch negativity (MMN): towards the optimal paradigm. Clinical Neurophysiology, 2004, 115, 140-144.	1.5	581
42	Maturation of cortical sound processing as indexed by event-related potentials. Clinical Neurophysiology, 2002, 113, 870-882.	1.5	258
43	Differential Contribution of Frontal and Temporal Cortices to Auditory Change Detection: fMRI and ERP Results. NeuroImage, 2002, 15, 167-174.	4.2	436
44	Electric brain response to sound repetition in humans: an index of long-term-memory "trace formation". Neuroscience Letters, 2002, 318, 49-51.	2.1	32
45	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.	4.2	40
46	Changes in acoustic features and their conjunctions are processed by separate neuronal populations. NeuroReport, 2001, 12, 525-529.	1.2	37
47	Mismatch negativity is unaffected by top-down predictive information. NeuroReport, 2001, 12, 2209-2213.	1.2	74
48	Separate Time Behaviors of the Temporal and Frontal Mismatch Negativity Sources. NeuroImage, 2000, 12, 14-19.	4.2	445
49	RAPID COMMUNICATION Scalp-Recorded Optical Signals Make Sound Processing in the Auditory Cortex Visible?. NeuroImage, 1999, 10, 620-624.	4.2	90
50	Analysis of speech sounds is left-hemisphere predominant at 100-150 ms after sound onset. NeuroReport, 1999, 10, 1113-1117.	1.2	112
51	Ageing Effects on Auditory Processing: An Event-Related Potential Study. Experimental Aging Research, 1996, 22, 171-184.	1.2	117
52	MEG-compatible multichannel EEG electrode array. Electroencephalography and Clinical Neurophysiology, 1996, 99, 568-570.	0.3	57
53	Age-related functional differences between auditory cortices. NeuroReport, 1995, 6, 1803-1806.	1.2	78