

Jörg Lewald

List of Publications by Year in descending order

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84
papers

2,977
citations

136885

32
h-index

189801

50
g-index

87
all docs

87
docs citations

87
times ranked

1690
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-Term Audiovisual Spatial Training Enhances Electrophysiological Correlates of Auditory Selective Spatial Attention. <i>Frontiers in Neuroscience</i> , 2021, 15, 645702.	1.4	1
2	Unraveling the Relation between EEG Correlates of Attentional Orienting and Sound Localization Performance: A Diffusion Model Approach. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 945-962.	1.1	12
3	Auditory Space Perception in the Blind: Horizontal Sound Localization in Acoustically Simple and Complex Situations. <i>Perception</i> , 2019, 48, 1039-1057.	0.5	4
4	Transcranial direct current stimulation of posterior temporal cortex modulates electrophysiological correlates of auditory selective spatial attention in posterior parietal cortex. <i>Neuropsychologia</i> , 2019, 131, 160-170.	0.7	18
5	Bihemispheric anodal transcranial direct-current stimulation over temporal cortex enhances auditory selective spatial attention. <i>Experimental Brain Research</i> , 2019, 237, 1539-1549.	0.7	13
6	Language lateralisation measured across linguistic and national boundaries. <i>Cortex</i> , 2019, 111, 134-147.	1.1	16
7	Cortical processing of location changes in a "cocktail-party" situation: Spatial oddball effects on electrophysiological correlates of auditory selective attention. <i>Hearing Research</i> , 2018, 365, 49-61.	0.9	10
8	Numerical value biases sound localization. <i>Scientific Reports</i> , 2017, 7, 17252.	1.6	1
9	Brain correlates of the orientation of auditory spatial attention onto speaker location in a "cocktail-party" situation. <i>Psychophysiology</i> , 2016, 53, 1484-1495.	1.2	26
10	Absence of direction-specific cross-modal visual-auditory adaptation in motion-onset event-related potentials. <i>European Journal of Neuroscience</i> , 2016, 43, 66-77.	1.2	3
11	Modulation of human auditory spatial scene analysis by transcranial direct current stimulation. <i>Neuropsychologia</i> , 2016, 84, 282-293.	0.7	16
12	Interaction of Number Magnitude and Auditory Localization. <i>Perception</i> , 2016, 45, 165-179.	0.5	4
13	Testing the dual-pathway model for auditory processing in human cortex. <i>NeuroImage</i> , 2016, 124, 672-681.	2.1	31
14	Effects of age on electrophysiological correlates of speech processing in a dynamic "cocktail-party" situation. <i>Frontiers in Neuroscience</i> , 2015, 9, 341.	1.4	26
15	Electrophysiological correlates of cocktail-party listening. <i>Behavioural Brain Research</i> , 2015, 292, 157-166.	1.2	25
16	Using auditory pre-information to solve the cocktail-party problem: electrophysiological evidence for age-specific differences. <i>Frontiers in Neuroscience</i> , 2014, 8, 413.	1.4	23
17	The effect of brain lesions on sound localization in complex acoustic environments. <i>Brain</i> , 2014, 137, 1410-1418.	3.7	31
18	Modulation of Auditory Motion Processing by Visual Motion. <i>Journal of Psychophysiology</i> , 2014, 28, 82-100.	0.3	4

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19	Exceptional ability of blind humans to hear sound motion: Implications for the emergence of auditory space. <i>Neuropsychologia</i> , 2013, 51, 181-186.	0.7	72
20	Effects of sex and age on auditory spatial scene analysis. <i>Hearing Research</i> , 2013, 299, 46-52.	0.9	16
21	Ventral and dorsal visual pathways support auditory motion processing in the blind: evidence from electrical neuroimaging. <i>European Journal of Neuroscience</i> , 2013, 38, 3201-3209.	1.2	10
22	Auditory-visual localization in hemianopia.. <i>Neuropsychologia</i> , 2013, 27, 573-582.	1.0	6
23	Neural Correlates of Sound Localization in Complex Acoustic Environments. <i>PLoS ONE</i> , 2013, 8, e64259.	1.1	40
24	Passive Auditory Stimulation Improves Vision in Hemianopia. <i>PLoS ONE</i> , 2012, 7, e31603.	1.1	16
25	Cortical processing of change in sound location: Smooth motion versus discontinuous displacement. <i>Brain Research</i> , 2012, 1466, 119-127.	1.1	32
26	Allocentric or Craniocentric Representation of Acoustic Space: An Electrotopography Study Using Mismatch Negativity. <i>PLoS ONE</i> , 2012, 7, e41872.	1.1	13
27	Effect of attention on cortical processing of sound motion: An EEG study. <i>NeuroImage</i> , 2011, 54, 2340-2349.	2.1	23
28	Male advantage in sound localization at cocktail parties. <i>Cortex</i> , 2011, 47, 741-749.	1.1	38
29	The effect of spatial adaptation on auditory motion processing. <i>Hearing Research</i> , 2011, 272, 21-29.	0.9	17
30	Processing of auditory motion in inferior parietal lobule: Evidence from transcranial magnetic stimulation. <i>Neuropsychologia</i> , 2011, 49, 209-215.	0.7	26
31	When and Where of Auditory Spatial Processing in Cortex: A Novel Approach Using Electrotopography. <i>PLoS ONE</i> , 2011, 6, e25146.	1.1	34
32	Shared Cortical Systems for Processing of Horizontal and Vertical Sound Motion. <i>Journal of Neurophysiology</i> , 2010, 103, 1896-1904.	0.9	24
33	Effects of natural versus artificial spatial cues on electrophysiological correlates of auditory motion. <i>Hearing Research</i> , 2010, 259, 44-54.	0.9	53
34	Auditory space perception in left- and right-handers. <i>Brain and Cognition</i> , 2010, 72, 210-217.	0.8	34
35	Perception of stationary and moving sound following unilateral cortectomy. <i>Neuropsychologia</i> , 2009, 47, 962-971.	0.7	20
36	Dissociation of auditory and visual straight ahead in hemianopia. <i>Brain Research</i> , 2009, 1287, 111-117.	1.1	12

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37	Constancy of target velocity as a critical factor in the emergence of auditory and visual representational momentum. <i>Experimental Brain Research</i> , 2009, 193, 437-443.	0.7	18
38	Distortion of auditory space in hemianopia. <i>European Journal of Neuroscience</i> , 2009, 30, 1401-1411.	1.2	11
39	Processing of sound location in human cortex. <i>European Journal of Neuroscience</i> , 2008, 27, 1261-1270.	1.2	51
40	Functional cerebral asymmetry in auditory motion perception. <i>Laterality</i> , 2007, 12, 87-99.	0.5	23
41	More accurate sound localization induced by short-term light deprivation. <i>Neuropsychologia</i> , 2007, 45, 1215-1222.	0.7	61
42	Localization of moving sound. <i>Perception & Psychophysics</i> , 2007, 69, 1022-1034.	2.3	30
43	Horizontal and vertical effects of eye-position on sound localization. <i>Hearing Research</i> , 2006, 213, 99-106.	0.9	41
44	Abnormal auditory-visual crossmodal temporal-order judgments in Parkinson's disease. <i>Cognitive Processing</i> , 2006, 7, 134-134.	0.7	1
45	Processing of auditory spatial cues in human cortex: An fMRI study. <i>Neuropsychologia</i> , 2006, 44, 454-461.	0.7	52
46	Auditives Orientieren im Raum und seine Störungen. , 2006, , 185-196.		4
47	Sound lateralization in subjects with callosotomy, callosal agenesis, or hemispherectomy. <i>Cognitive Brain Research</i> , 2005, 25, 537-546.	3.3	40
48	Involvement of the Superior Temporal Cortex and the Occipital Cortex in Spatial Hearing: Evidence from Repetitive Transcranial Magnetic Stimulation. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 828-838.	1.1	55
49	Is there a role of visual cortex in spatial hearing?. <i>European Journal of Neuroscience</i> , 2004, 20, 3148-3156.	1.2	36
50	Shift in sound localization induced by rTMS of the posterior parietal lobe. <i>Neuropsychologia</i> , 2004, 42, 1598-1607.	0.7	48
51	Gender-specific hemispheric asymmetry in auditory space perception. <i>Cognitive Brain Research</i> , 2004, 19, 92-99.	3.3	27
52	Sound lateralization in Parkinson's disease. <i>Cognitive Brain Research</i> , 2004, 21, 335-341.	3.3	22
53	Representational Momentum in Spatial Hearing. <i>Perception</i> , 2004, 33, 591-599.	0.5	42
54	Auditory-visual temporal integration as a function of distance: no compensation for sound-transmission time in human perception. <i>Neuroscience Letters</i> , 2004, 357, 119-122.	1.0	70

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55	Cross-modal perceptual integration of spatially and temporally disparate auditory and visual stimuli. <i>Cognitive Brain Research</i> , 2003, 16, 468-478.	3.3	171
56	Disturbed Sound Lateralization in Patients with Spatial Neglect. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 694-703.	1.1	36
57	Disturbed Sound Lateralization in Patients with Spatial Neglect. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 694-703.	1.1	15
58	Rapid Adaptation to Auditory-Visual Spatial Disparity. <i>Learning and Memory</i> , 2002, 9, 268-278.	0.5	99
59	Role of the Posterior Parietal Cortex in Spatial Hearing. <i>Journal of Neuroscience</i> , 2002, 22, RC207-RC207.	1.7	82
60	Impaired perception of temporal order in auditory extinction. <i>Neuropsychologia</i> , 2002, 40, 1977-1982.	0.7	26
61	Vertical sound localization in blind humans. <i>Neuropsychologia</i> , 2002, 40, 1868-1872.	0.7	110
62	Opposing effects of head position on sound localization in blind and sighted human subjects. <i>European Journal of Neuroscience</i> , 2002, 15, 1219-1224.	1.2	52
63	The effect of whole-body tilt on sound lateralization. <i>European Journal of Neuroscience</i> , 2002, 16, 761-766.	1.2	17
64	Spatio-temporal constraints for auditory-visual integration. <i>Behavioural Brain Research</i> , 2001, 121, 69-79.	1.2	98
65	Effect of gaze direction on sound localization in rear space. <i>Neuroscience Research</i> , 2001, 39, 253-257.	1.0	13
66	Sound lateralization during passive whole-body rotation. <i>European Journal of Neuroscience</i> , 2001, 13, 2268-2272.	1.2	45
67	Spatial coordinates of human auditory working memory. <i>Cognitive Brain Research</i> , 2001, 12, 153-159.	3.3	12
68	Vestibular Influence on Human Auditory Space Perception. <i>Journal of Neurophysiology</i> , 2000, 84, 1107-1111.	0.9	49
69	Sound localization with eccentric head position. <i>Behavioural Brain Research</i> , 2000, 108, 105-125.	1.2	78
70	Visual and proprioceptive shifts in perceived egocentric direction induced by eye-position. <i>Vision Research</i> , 2000, 40, 539-547.	0.7	56
71	Neck-proprioceptive influence on auditory lateralization. <i>Experimental Brain Research</i> , 1999, 125, 389-396.	0.7	44
72	Spatial-tuning properties of auditory neurons in the optic tectum of the pigeon. <i>Brain Research</i> , 1998, 790, 339-342.	1.1	13

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73	Influence of head-to-trunk position on sound lateralization. <i>Experimental Brain Research</i> , 1998, 121, 230-238.	0.7	54
74	The effect of gaze eccentricity on perceived sound direction and its relation to visual localization. <i>Hearing Research</i> , 1998, 115, 206-216.	0.9	77
75	Auditory-visual spatial integration: A new psychophysical approach using laser pointing to acoustic targets. <i>Journal of the Acoustical Society of America</i> , 1998, 104, 1586-1597.	0.5	59
76	Eye-position effects in directional hearing. <i>Behavioural Brain Research</i> , 1997, 87, 35-48.	1.2	64
77	Auditory-visual shift in localization depending on gaze direction. <i>NeuroReport</i> , 1996, 7, 1929-1932.	0.6	29
78	The effect of eye position on auditory lateralization. <i>Experimental Brain Research</i> , 1996, 108, 473-85.	0.7	86
79	The Contribution of GABA-mediated Inhibition to Response Properties of Neurons in the Nucleus of the Optic Tract in the Rat. <i>European Journal of Neuroscience</i> , 1994, 6, 1656-1661.	1.2	13
80	High-frequency sound transmission in natural habitats: implications for the evolution of insect acoustic communication. <i>Behavioral Ecology and Sociobiology</i> , 1992, 29, 437.	0.6	134
81	Neural mechanisms of directional hearing in the pigeon. <i>Experimental Brain Research</i> , 1990, 82, 423-36.	0.7	14
82	Neuronal coding of azimuthal sound direction in the auditory midbrain of the pigeon. <i>Die Naturwissenschaften</i> , 1988, 75, 470-472.	0.6	10
83	The acuity of sound localization in the pigeon (<i>Columba livia</i>). <i>Die Naturwissenschaften</i> , 1987, 74, 296-297.	0.6	23
84	Interaural time and intensity difference thresholds of the pigeon (<i>Columba livia</i>). <i>Die Naturwissenschaften</i> , 1987, 74, 449-451.	0.6	14