

Sonja A Kotz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5217038/publications.pdf>

Version: 2024-02-01

118
papers

5,026
citations

117625

34
h-index

110387

64
g-index

129
all docs

129
docs citations

129
times ranked

4078
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond the right hemisphere: brain mechanisms mediating vocal emotional processing. Trends in Cognitive Sciences, 2006, 10, 24-30.	7.8	559
2	Cortical speech processing unplugged: a timely subcortico-cortical framework. Trends in Cognitive Sciences, 2010, 14, 392-399.	7.8	344
3	On the lateralization of emotional prosody: An event-related functional MR investigation. Brain and Language, 2003, 86, 366-376.	1.6	273
4	Expectancy Constraints in Degraded Speech Modulate the Language Comprehension Network. Cerebral Cortex, 2010, 20, 633-640.	2.9	236
5	The sound of emotions—Towards a unifying neural network perspective of affective sound processing. Neuroscience and Biobehavioral Reviews, 2016, 68, 96-110.	6.1	151
6	Synchronizing with auditory and visual rhythms: An fMRI assessment of modality differences and modality appropriateness. NeuroImage, 2013, 67, 313-321.	4.2	136
7	Musically Cued Gait-Training Improves Both Perceptual and Motor Timing in Parkinson's Disease. Frontiers in Human Neuroscience, 2014, 8, 494.	2.0	136
8	Rhythm's gonna get you: Regular meter facilitates semantic sentence processing. Neuropsychologia, 2012, 50, 232-244.	1.6	127
9	Musical rhythm discrimination explains individual differences in grammar skills in children. Developmental Science, 2015, 18, 635-644.	2.4	124
10	Functional dissociation of pre-SMA and SMA-proper in temporal processing. NeuroImage, 2012, 60, 290-298.	4.2	123
11	A dual-pathway neural architecture for specific temporal prediction. Neuroscience and Biobehavioral Reviews, 2013, 37, 2587-2596.	6.1	110
12	BAASTA: Battery for the Assessment of Auditory Sensorimotor and Timing Abilities. Behavior Research Methods, 2017, 49, 1128-1145.	4.0	107
13	Temporal regularity effects on pre-attentive and attentive processing of deviance. Biological Psychology, 2011, 87, 146-151.	2.2	104
14	Effects of musically cued gait training in Parkinson's disease: beyond a motor benefit. Annals of the New York Academy of Sciences, 2015, 1337, 77-85.	3.8	104
15	Cerebellar contribution to the prediction of self-initiated sounds. Cortex, 2013, 49, 2449-2461.	2.4	102
16	Predicting vocal emotion expressions from the human brain. Human Brain Mapping, 2013, 34, 1971-1981.	3.6	91
17	Specific contributions of basal ganglia and cerebellum to the neural tracking of rhythm. Cortex, 2017, 95, 156-168.	2.4	87
18	The Cerebellum Generates Motor-to-Auditory Predictions: ERP Lesion Evidence. Journal of Cognitive Neuroscience, 2012, 24, 698-706.	2.3	83

#	ARTICLE	IF	CITATIONS
19	Emotion and goal-directed behavior: ERP evidence on cognitive and emotional conflict. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1577-1587.	3.0	76
20	Temporal aspects of prediction in audition: Cortical and subcortical neural mechanisms. <i>International Journal of Psychophysiology</i> , 2012, 83, 200-207.	1.0	71
21	Prediction errors in self- and externally-generated deviants. <i>Biological Psychology</i> , 2013, 92, 410-416.	2.2	62
22	Convergence of semantics and emotional expression within the IFG pars orbitalis. <i>NeuroImage</i> , 2017, 156, 240-248.	4.2	60
23	Dissociation of formal and temporal predictability in early auditory evoked potentials. <i>Neuropsychologia</i> , 2013, 51, 320-325.	1.6	59
24	Cortical tracking of rhythm in music and speech. <i>NeuroImage</i> , 2019, 185, 96-101.	4.2	58
25	Bridging prediction and attention in current research on perception and action. <i>Brain Research</i> , 2015, 1626, 1-13.	2.2	55
26	The Functional Role of Neural Oscillations in Non-Verbal Emotional Communication. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 239.	2.0	54
27	Cerebellum, temporal predictability and the updating of a mental model. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130403.	4.0	52
28	Can rhythmic auditory cuing remediate language-related deficits in Parkinson's disease?. <i>Annals of the New York Academy of Sciences</i> , 2015, 1337, 62-68.	3.8	52
29	The role of emotion in dynamic audiovisual integration of faces and voices. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 713-720.	3.0	50
30	Basal ganglia contribution to rule expectancy and temporal predictability in speech. <i>Cortex</i> , 2015, 68, 48-60.	2.4	46
31	Aesthetic appreciation of poetry correlates with ease of processing in event-related potentials. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2016, 16, 362-373.	2.0	46
32	“Lost in time” but still moving to the beat. <i>Neuropsychologia</i> , 2017, 94, 129-138.	1.6	45
33	The Voice of Emotion across Species: How Do Human Listeners Recognize Animals' Affective States?. <i>PLoS ONE</i> , 2014, 9, e91192.	2.5	40
34	Contributions of cerebellar event-based temporal processing and preparatory function to speech perception. <i>Brain and Language</i> , 2016, 161, 28-32.	1.6	38
35	Positive emotion impedes emotional but not cognitive conflict processing. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2017, 17, 665-677.	2.0	37
36	Effects of emotional valence and arousal on the voice perception network. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1351-1358.	3.0	37

#	ARTICLE	IF	CITATIONS
37	Attentional gain is modulated by probabilistic feature expectations in a spatial cueing task: ERP evidence. <i>Scientific Reports</i> , 2018, 8, 54.	3.3	37
38	The role of the cerebellum in adaptation: ALE meta-analyses on sensory feedback error. <i>Human Brain Mapping</i> , 2019, 40, 3966-3981.	3.6	37
39	Rhythm in speech and animal vocalizations: a cross-species perspective. <i>Annals of the New York Academy of Sciences</i> , 2019, 1453, 79-98.	3.8	36
40	Beyond Cytoarchitectonics: The Internal and External Connectivity Structure of the Caudate Nucleus. <i>PLoS ONE</i> , 2013, 8, e70141.	2.5	33
41	Interrelation of attention and prediction in visual processing: Effects of task-relevance and stimulus probability. <i>Biological Psychology</i> , 2017, 125, 76-90.	2.2	32
42	Differential Impact of Emotion on Semantic Processing of Abstract and Concrete Words: ERP and fMRI Evidence. <i>Scientific Reports</i> , 2019, 9, 14439.	3.3	31
43	Editorial: The Evolution of Rhythm Cognition: Timing in Music and Speech. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 303.	2.0	29
44	Self-voice perception and its relationship with hallucination predisposition. <i>Cognitive Neuropsychiatry</i> , 2019, 24, 237-255.	1.3	29
45	Identifying a brain network for musical rhythm: A functional neuroimaging meta-analysis and systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 136, 104588.	6.1	29
46	Voice-selective prediction alterations in nonclinical voice hearers. <i>Scientific Reports</i> , 2018, 8, 14717.	3.3	27
47	Cortico-striatal circuits and the timing of action and perception. <i>Current Opinion in Behavioral Sciences</i> , 2016, 8, 42-45.	3.9	26
48	Auditory Predictions and Prediction Errors in Response to Self-Initiated Vowels. <i>Frontiers in Neuroscience</i> , 2019, 13, 1146.	2.8	23
49	The Influence of Negative Emotion on Cognitive and Emotional Control Remains Intact in Aging. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 349.	3.4	22
50	Modulation of Cognitive and Emotional Control in Age-Related Mild-to-Moderate Hearing Loss. <i>Frontiers in Neurology</i> , 2018, 9, 783.	2.4	21
51	Heightened orofacial, manual, and gait variability in Parkinson's disease results from a general rhythmic impairment. <i>Npj Parkinson's Disease</i> , 2019, 5, 19.	5.3	21
52	Cognition through the lens of a body-brain dynamic system. <i>Trends in Neurosciences</i> , 2022, 45, 667-677.	8.6	21
53	Test-retest reliability of the Battery for the Assessment of Auditory Sensorimotor and Timing Abilities (BAASTA). <i>Annals of Physical and Rehabilitation Medicine</i> , 2018, 61, 395-400.	2.3	20
54	Dynamic Facial Expressions Prime the Processing of Emotional Prosody. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 244.	2.0	19

#	ARTICLE	IF	CITATIONS
55	Cerebellar circuitry and auditory verbal hallucinations: An integrative synthesis and perspective. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 118, 485-503.	6.1	19
56	The representational dynamics of perceived voice emotions evolve from categories to dimensions. <i>Nature Human Behaviour</i> , 2021, 5, 1203-1213.	12.0	19
57	Synchrony and rhythm interaction: from the brain to behavioural ecology. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200324.	4.0	19
58	Ontogeny of vocal rhythms in harbor seal pups: an exploratory study. <i>Environmental Epigenetics</i> , 2019, 65, 107-120.	1.8	18
59	Moving towards dynamics: Emotional modulation of cognitive and emotional control. <i>International Journal of Psychophysiology</i> , 2020, 147, 193-201.	1.0	18
60	Emotional words facilitate lexical but not early visual processing. <i>BMC Neuroscience</i> , 2015, 16, 89.	1.9	17
61	Laughter catches attention!. <i>Biological Psychology</i> , 2017, 130, 11-21.	2.2	17
62	Interaction of emotion and cognitive control along the psychosis continuum: A critical review. <i>International Journal of Psychophysiology</i> , 2020, 147, 156-175.	1.0	17
63	An ecological approach to measuring synchronization abilities across the animal kingdom. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200336.	4.0	17
64	Is laughter a better vocal change detector than a growl?. <i>Cortex</i> , 2017, 92, 233-248.	2.4	16
65	Putting language back into ecological communication contexts. <i>Language, Cognition and Neuroscience</i> , 2019, 34, 536-544.	1.2	16
66	When temporal prediction errs: ERP responses to delayed action-feedback onset. <i>Neuropsychologia</i> , 2019, 134, 107200.	1.6	16
67	Motor-Timing and Sequencing in Speech Production. , 2016, , 717-724.		15
68	Help me if I can't: Social interaction effects in adult contextual word learning. <i>Cognition</i> , 2017, 168, 76-90.	2.2	15
69	Left inferior frontal gyrus mediates morphosyntax: ERP evidence from verb processing in left-hemisphere damaged patients. <i>Cortex</i> , 2017, 86, 156-171.	2.4	15
70	Resting functional connectivity in the semantic appraisal network predicts accuracy of emotion identification. <i>NeuroImage: Clinical</i> , 2021, 31, 102755.	2.7	15
71	Impaired neural processing of dynamic faces in left-onset Parkinson's disease. <i>Neuropsychologia</i> , 2016, 82, 123-133.	1.6	14
72	Changes in motor preparation affect the sensory consequences of voice production in voice hearers. <i>Neuropsychologia</i> , 2020, 146, 107531.	1.6	14

#	ARTICLE	IF	CITATIONS
73	Uncertainty and expectancy deviations require cortico-subcortical cooperation. <i>NeuroImage</i> , 2017, 144, 23-34.	4.2	13
74	Human larynx motor cortices coordinate respiration for vocal-motor control. <i>NeuroImage</i> , 2021, 239, 118326.	4.2	13
75	Temporal dynamics of contingency extraction from tonal and verbal auditory sequences. <i>Brain and Language</i> , 2015, 148, 64-73.	1.6	12
76	Situated affective and social neuroscience. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 547.	2.0	11
77	Striatal contributions to sensory timing: Voxel-based lesion mapping of electrophysiological markers. <i>Cortex</i> , 2015, 71, 332-340.	2.4	11
78	Lower Beta: A Central Coordinator of Temporal Prediction in Multimodal Speech. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 434.	2.0	11
79	Spatial attention underpins social word learning in the right fronto-parietal network. <i>NeuroImage</i> , 2019, 195, 165-173.	4.2	11
80	ERP mismatch response to phonological and temporal regularities in speech. <i>Scientific Reports</i> , 2020, 10, 9917.	3.3	11
81	The perception of caricatured emotion in voice. <i>Cognition</i> , 2020, 200, 104249.	2.2	11
82	Left Motor β Oscillations Reflect Asynchrony Detection in Multisensory Speech Perception. <i>Journal of Neuroscience</i> , 2022, 42, 2313-2326.	3.6	11
83	Perceptual integration of faces and voices depends on the interaction of emotional content and spatial frequency. <i>Biological Psychology</i> , 2017, 123, 155-165.	2.2	9
84	Unaltered emotional experience in Parkinson's disease: Pupillometry and behavioral evidence. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2018, 40, 303-316.	1.3	9
85	Real and imagined sensory feedback have comparable effects on action anticipation. <i>Cortex</i> , 2020, 130, 290-301.	2.4	9
86	Auditory thalamus dysfunction and pathophysiology in tinnitus: a predictive network hypothesis. <i>Brain Structure and Function</i> , 2021, 226, 1659-1676.	2.3	9
87	Dysfunctional Timing in Traumatic Brain Injury Patients: Co-occurrence of Cognitive, Motor, and Perceptual Deficits. <i>Frontiers in Psychology</i> , 2021, 12, 731898.	2.1	9
88	Dissociating embodiment and emotional reactivity in motor responses to artworks. <i>Cognition</i> , 2021, 212, 104663.	2.2	8
89	Temporo-cerebellar connectivity underlies timing constraints in audition. <i>ELife</i> , 2021, 10, .	6.0	8
90	Cortical thickness in default mode network hubs correlates with clinical features of dissociative seizures. <i>Epilepsy and Behavior</i> , 2022, 128, 108605.	1.7	8

#	ARTICLE	IF	CITATIONS
91	Regional Interplay for Temporal Processing in Parkinson's Disease: Possibilities and Challenges. <i>Frontiers in Neurology</i> , 2016, 6, 270.	2.4	7
92	Recruitment of Language-, Emotion- and Speech-Timing Associated Brain Regions for Expressing Emotional Prosody: Investigation of Functional Neuroanatomy with fMRI. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 518.	2.0	7
93	Emotional state dependence facilitates automatic imitation of visual speech. <i>Quarterly Journal of Experimental Psychology</i> , 2019, 72, 2833-2847.	1.1	7
94	Whistling shares a common tongue with speech: bioacoustics from real-time MRI of the human vocal tract. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191116.	2.6	7
95	Expectancy changes the self-monitoring of voice identity. <i>European Journal of Neuroscience</i> , 2021, 53, 2681-2695.	2.6	7
96	The role of the medial geniculate body of the thalamus in the pathophysiology of tinnitus and implications for treatment. <i>Brain Research</i> , 2022, 1779, 147797.	2.2	7
97	Play along: effects of music and social interaction on word learning. <i>Frontiers in Psychology</i> , 2015, 6, 1316.	2.1	6
98	Implicit learning of artificial grammatical structures after inferior frontal cortex lesions. <i>PLoS ONE</i> , 2019, 14, e0222385.	2.5	6
99	An open-source toolbox for measuring dynamic video framerates and synchronizing video stimuli with neural and behavioral responses. <i>Journal of Neuroscience Methods</i> , 2020, 343, 108830.	2.5	6
100	Poor neuro-motor tuning of the human larynx: a comparison of sung and whistled pitch imitation. <i>Royal Society Open Science</i> , 2018, 5, 171544.	2.4	5
101	Uncovering hidden resting state dynamics: A new perspective on auditory verbal hallucinations. <i>NeuroImage</i> , 2022, 255, 119188.	4.2	5
102	The perceived salience of vocal emotions is dampened in non-clinical auditory verbal hallucinations. <i>Cognitive Neuropsychiatry</i> , 2022, 27, 169-182.	1.3	4
103	The cerebellum links to positive symptoms of psychosis: A systematic review and meta-analysis. <i>Schizophrenia Bulletin Open</i> , 0, , .	1.7	4
104	Reading direct speech quotes increases theta phase-locking: Evidence for cortical tracking of inner speech?. <i>NeuroImage</i> , 2021, 239, 118313.	4.2	4
105	Predicting Affective Information – An Evaluation of Repetition Suppression Effects. <i>Frontiers in Psychology</i> , 2016, 7, 1365.	2.1	3
106	Demonstration and validation of Kernel Density Estimation for spatial meta-analyses in cognitive neuroscience using simulated data. <i>Data in Brief</i> , 2017, 13, 346-352.	1.0	3
107	Timing the "magical number seven": Presentation rate and regularity affect verbal working memory performance. <i>International Journal of Psychology</i> , 2020, 55, 342-346.	2.8	3
108	Breathing, voice, and synchronized movement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23223-23224.	7.1	3

#	ARTICLE	IF	CITATIONS
109	Distinct cortical rhythms in speech and language processing and some more: a commentary on Meyer, Sun, & Martin (2019). <i>Language, Cognition and Neuroscience</i> , 2020, 35, 1124-1128.	1.2	3
110	About time: Ageing influences neural markers of temporal predictability. <i>Biological Psychology</i> , 2021, 163, 108135.	2.2	3
111	Prediction in the Aging Brain: Merging Cognitive, Neurological, and Evolutionary Perspectives. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2022, 77, 1580-1591.	3.9	3
112	Decreased sensitivity to changing durational parameters of syllable sequences in people who stutter. <i>Language, Cognition and Neuroscience</i> , 2020, 35, 179-187.	1.2	2
113	Dynamic acoustic salience evokes motor responses. <i>Cortex</i> , 2021, 134, 320-332.	2.4	2
114	EmoSex: Emotion prevails over sex in implicit judgments of faces and voices.. <i>Emotion</i> , 2023, 23, 569-588.	1.8	2
115	Modulating Mimetic Preference with Theta Burst Stimulation of the Inferior Parietal Cortex. <i>Frontiers in Psychology</i> , 2017, 8, 2101.	2.1	1
116	Attachment Preference in Auditory German Sentences: Individual Differences and Pragmatic Strategy. <i>Frontiers in Psychology</i> , 2019, 10, 1357.	2.1	1
117	Expectation Gates Neural Facilitation of Emotional Words in Early Visual Areas. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 281.	2.0	1
118	Overt Oculomotor Behavior Reveals Covert Temporal Predictions. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 758138.	2.0	1