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Suppression of the μ rhythm during speech and non-speech discrimination revealed by independent component analysis: implications for sensorimotor integration in speech processing

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#	Paper	IF	Citations
32	Temporal dynamics of sensorimotor integration in speech perception and production: independent component analysis of EEG data. <i>Frontiers in Psychology</i> , 2014 , 5, 656	3.4	39
31	Dynamic modulation of shared sensory and motor cortical rhythms mediates speech and non-speech discrimination performance. <i>Frontiers in Psychology</i> , 2014 , 5, 366	3.4	19
30	Speech perception, production, and the sensorimotor mu rhythm. 2014 ,		4
29	Auditory cortical deactivation during speech production and following speech perception: an EEG investigation of the temporal dynamics of the auditory alpha rhythm. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 534	3.3	20
28	The plasticity of the mirror system: how reward learning modulates cortical motor simulation of others. <i>Neuropsychologia</i> , 2015 , 70, 255-62	3.2	31
27	Sensorimotor Oscillations Prior to Speech Onset Reflect Altered Motor Networks in Adults Who Stutter. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 443	3.3	27
26	Time-frequency analysis of the EEG mu rhythm as a measure of sensorimotor integration in the later stages of swallowing. <i>Clinical Neurophysiology</i> , 2016 , 127, 2625-35	4.3	18
25	Beta rhythm modulation by speech sounds: somatotopic mapping in somatosensory cortex. <i>Scientific Reports</i> , 2016 , 6, 31182	4.9	10
24	Timing of beta oscillatory synchronization and temporal prediction of upcoming stimuli. <i>NeuroImage</i> , 2016 , 138, 233-241	7.9	28
23	EEG Mu (μ) rhythm spectra and oscillatory activity differentiate stuttering from non-stuttering adults. <i>NeuroImage</i> , 2017 , 153, 232-245	7.9	24
22	The interpretation of mu suppression as an index of mirror neuron activity: past, present and future. <i>Royal Society Open Science</i> , 2017 , 4, 160662	3.3	76
21	Theta- and alpha-power enhancements in the electroencephalogram as an auditory delayed match-to-sample task becomes impossibly difficult. <i>Psychophysiology</i> , 2017 , 54, 1916-1928	4.1	23
20	Time-Frequency Analysis of Mu Rhythm Activity during Picture and Video Action Naming Tasks. <i>Brain Sciences</i> , 2017 , 7,	3.4	5
19	Sensorimotor activity measured via oscillations of EEG mu rhythms in speech and non-speech discrimination tasks with and without segmentation demands. <i>Brain and Language</i> , 2018 , 187, 62-73	2.9	13
18	EEG mu rhythms: Rich sources of sensorimotor information in speech processing. <i>Brain and Language</i> , 2018 , 187, 41-61	2.9	9
17	The Effects of Fluency Enhancing Conditions on Sensorimotor Control of Speech in Typically Fluent Speakers: An EEG Mu Rhythm Study. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 126	3.3	7
16	Trait related sensorimotor deficits in people who stutter: An EEG investigation of rhythm dynamics during spontaneous fluency. <i>NeuroImage: Clinical</i> , 2018 , 19, 690-702	5.3	12

15	Clarifying the relationship between trait empathy and action-based resonance indexed by EEG mu-rhythm suppression. <i>Neuropsychologia</i> , 2019 , 133, 107172	3.2	9
14	Influences of cognitive load on sensorimotor contributions to working memory: An EEG investigation of mu rhythm activity during speech discrimination. <i>Neurobiology of Learning and Memory</i> , 2019 , 166, 107098	3.1	7
13	Sex differences in early sensorimotor processing for speech discrimination. <i>Scientific Reports</i> , 2019 , 9, 392	4.9	9
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11	Involvement of the Cortico-Basal Ganglia-Thalamocortical Loop in Developmental Stuttering. <i>Frontiers in Psychology</i> , 2019 , 10, 3088	3.4	35
10	Motor engagement relates to accurate perception of phonemes and audiovisual words, but not auditory words. <i>Communications Biology</i> , 2021 , 4, 108	6.7	1
9	Sensorimotor contributions to working memory differ between the discrimination of Same and Different syllable pairs. <i>Neuropsychologia</i> , 2021 , 159, 107947	3.2	1
8	Mu rhythm dynamics suggest automatic activation of motor and premotor brain regions during speech processing. <i>Journal of Neurolinguistics</i> , 2021 , 60, 101006	1.9	2
7	The Application of EEG Mu Rhythm Measures to Neurophysiological Research in Stuttering. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 458	3.3	15
6	Audiovisual incongruence differentially impacts left and right hemisphere sensorimotor oscillations: Potential applications to production. <i>PLoS ONE</i> , 2021 , 16, e0258335	3.7	0
5	Green tea consumption and the management of adrenal stress hormones in adolescents who stutter.. <i>Biomedical Reports</i> , 2022 , 16, 32	1.8	0
4	A State-of-the-Art Review of EEG-Based Imagined Speech Decoding.. <i>Frontiers in Human Neuroscience</i> , 2022 , 16, 867281	3.3	0
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2	Dynamic auditory contributions to error detection revealed in the discrimination of Same and Different syllable pairs. 2022 , 176, 108388		0
1	Stimming Expresses Empathy, not to be Masked or Persecuted: A Scoping Review and Case Study of the Double-Empathy Problem Solved by Recognizing the Autism Language.		0