

Shaping Functional Architecture by Oscillatory Alpha A

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Rhythmic pulsing: linking ongoing brain activity with evoked responses. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 177.	1.0	149
2	±-Oscillations in the monkey sensorimotor network influence discrimination performance by rhythmical inhibition of neuronal spiking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19377-19382.	3.3	644
3	Evoked and induced oscillatory activity contributes to abnormal auditory sensory gating in schizophrenia. <i>NeuroImage</i> , 2011, 56, 307-314.	2.1	41
4	Effects of mindfulness meditation training on anticipatory alpha modulation in primary somatosensory cortex. <i>Brain Research Bulletin</i> , 2011, 85, 96-103.	1.4	99
5	Music perception and imagery in EEG: Alpha band effects of task and stimulus. <i>International Journal of Psychophysiology</i> , 2011, 82, 254-259.	0.5	78
6	Cross-Frequency Power Correlations Reveal the Right Superior Temporal Gyrus as a Hub Region During Working Memory Maintenance. <i>Brain Connectivity</i> , 2011, 1, 460-472.	0.8	40
7	The role of alpha oscillations in temporal attention. <i>Brain Research Reviews</i> , 2011, 67, 331-343.	9.1	304
8	Alpha Rhythms in Audition: Cognitive and Clinical Perspectives. <i>Frontiers in Psychology</i> , 2011, 2, 73.	1.1	246
9	Pulsed Out of Awareness: EEG Alpha Oscillations Represent a Pulsed-Inhibition of Ongoing Cortical Processing. <i>Frontiers in Psychology</i> , 2011, 2, 99.	1.1	376
10	Using Brain-Computer Interfaces and Brain-State Dependent Stimulation as Tools in Cognitive Neuroscience. <i>Frontiers in Psychology</i> , 2011, 2, 100.	1.1	50
11	Alpha Oscillations and Early Stages of Visual Encoding. <i>Frontiers in Psychology</i> , 2011, 2, 118.	1.1	114
12	Increased Alpha-Band Power during the Retention of Shapes and Shape-Location Associations in Visual Short-Term Memory. <i>Frontiers in Psychology</i> , 2011, 2, 128.	1.1	37
13	Right Prefrontal TMS Disrupts Interregional Anticipatory EEG Alpha Activity during Shifting of Visuospatial Attention. <i>Frontiers in Psychology</i> , 2011, 2, 241.	1.1	70
14	Robust Transient Dynamics and Brain Functions. <i>Frontiers in Computational Neuroscience</i> , 2011, 5, 24.	1.2	96
15	Sensorimotor Alpha Activity is Modulated in Response to the Observation of Pain in Others. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 91.	1.0	55
16	Time-frequency and ERP analyses of EEG to characterize anticipatory postural adjustments in a bimanual load-lifting task. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 163.	1.0	16
17	Face Short-Term Memory-Related Electroencephalographic Patterns can Differentiate Multi- versus Single-Domain Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 157-169.	1.2	15
18	Functional Roles of Alpha-Band Phase Synchronization in Local and Large-Scale Cortical Networks. <i>Frontiers in Psychology</i> , 2011, 2, 204.	1.1	353

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19	Entrainment of Perceptually Relevant Brain Oscillations by Non-Invasive Rhythmic Stimulation of the Human Brain. <i>Frontiers in Psychology</i> , 2011, 2, 170.	1.1	451
20	Learning to multitask: Effects of video game practice on electrophysiological indices of attention and resource allocation. <i>Psychophysiology</i> , 2011, 48, 1173-1183.	1.2	71
21	Cortical Hypersynchrony Predicts Breakdown of Sensory Processing during Loss of Consciousness. <i>Current Biology</i> , 2011, 21, 1988-1993.	1.8	164
22	Brain oscillatory correlates of working memory constraints. <i>Brain Research</i> , 2011, 1375, 93-102.	1.1	93
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157	Social Perception in Autism Spectrum Disorders: Impaired Category Selectivity for Dynamic but not Static Images in Ventral Temporal Cortex. <i>Cerebral Cortex</i> , 2014, 24, 37-48.	1.6	46
158	Reduced Variability of Auditory Alpha Activity in Chronic Tinnitus. <i>Neural Plasticity</i> , 2014, 2014, 1-9.	1.0	52
159	Occipital Alpha Activity during Stimulus Processing Gates the Information Flow to Object-Selective Cortex. <i>PLoS Biology</i> , 2014, 12, e1001965.	2.6	175
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978	Real-time monitoring and regulating auditory cortex alpha activity in patients with chronic tinnitus. <i>Journal of Neural Engineering</i> , 2020, 17, 016032.	1.8	3
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983	Atypical Relationships Between Spontaneous EEG and fMRI Activity in Autism. <i>Brain Connectivity</i> , 2020, 10, 18-28.	0.8	21
984	Topographic specificity of alpha power during auditory spatial attention. <i>NeuroImage</i> , 2020, 207, 116360.	2.1	58
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1992	Are you an empiricist or a believer? Neural signatures of predictive strategies in humans. <i>Progress in Neurobiology</i> , 2022, 219, 102367.	2.8	13
1993	Application of rapid invisible frequency tagging for brain computer interfaces. <i>Journal of Neuroscience Methods</i> , 2022, 382, 109726.	1.3	5
1994	Short-term PM2.5 exposure and cognitive function: Association and neurophysiological mechanisms. <i>Environment International</i> , 2022, 170, 107593.	4.8	9
1995	Neural responses to naturalistic audiovisual speech are related to listening demand in cochlear implant users. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	0
1996	Learning at your brain's rhythm: individualized entrainment boosts learning for perceptual decisions. <i>Cerebral Cortex</i> , 2023, 33, 5382-5394.	1.6	3
1998	The effect of landmark visualization in mobile maps on brain activity during navigation: A virtual reality study. <i>Frontiers in Virtual Reality</i> , 0, 3, .	2.5	9
1999	Intrinsic brain dynamics in the Default Mode Network predict involuntary fluctuations of visual awareness. <i>Nature Communications</i> , 2022, 13, .	5.8	3
2002	Normalized compression distance to measure cortico-muscular synchronization. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
2003	Riding the (brain) waves! Using neural oscillations to inform bilingualism research. <i>Bilingualism</i> , 2023, 26, 202-215.	1.0	7
2004	Beyond the Beta Rebound: Post-Task Responses in Oscillatory Activity follow Cessation of Working Memory Processes. <i>NeuroImage</i> , 2023, 265, 119801.	2.1	2
2005	Tactile expectancy modulates occipital alpha oscillations in early blindness. <i>NeuroImage</i> , 2023, 265, 119790.	2.1	0
2006	Episodic memory formation in unrestricted viewing. <i>NeuroImage</i> , 2023, 266, 119821.	2.1	3
2007	Alpha and gamma EEG coherence during on-task and mind wandering states in schizophrenia. <i>Clinical Neurophysiology</i> , 2023, 146, 21-29.	0.7	3
2008	Using electroencephalography to explore neurocognitive correlates of procedural proficiency: A pilot study to compare experts and novices during simulated endotracheal intubation. <i>Brain and Cognition</i> , 2023, 165, 105938.	0.8	3
2009	The brain-body disconnect: A somatic sensory basis for trauma-related disorders. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	16
2011	Generative learning supports learning from video lectures: evidence from an EEG study. <i>Instructional Science</i> , 0, , .	1.1	3
2013	Differential modulation of visual responses by distractor or target expectations. <i>Attention, Perception, and Psychophysics</i> , 0, , .	0.7	0

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2014	Attentional capture is modulated by stimulus saliency in visual search as evidenced by event-related potentials and alpha oscillations. <i>Attention, Perception, and Psychophysics</i> , 0, , .	0.7	2
2015	Dynamics of attentional allocation to targets and distractors during visual search. <i>NeuroImage</i> , 2022, 264, 119759.	2.1	10
2016	The Mu Rhythm in Current Research: Theoretical and Methodological Aspects. <i>Neuroscience and Behavioral Physiology</i> , 0, , .	0.2	0
2017	The Role of Alpha Oscillations among the Main Neuropsychiatric Disorders in the Adult and Developing Human Brain: Evidence from the Last 10 Years of Research. <i>Biomedicines</i> , 2022, 10, 3189.	1.4	48
2018	Visual category representations in the infant brain. <i>Current Biology</i> , 2022, 32, 5422-5432.e6.	1.8	11
2019	Prestimulus oscillatory brain activity interacts with evoked recurrent processing to facilitate conscious visual perception. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
2020	Temporal profiles of cortical oscillations in novice performers for goal-directed aiming in a shooting task. <i>Biological Psychology</i> , 2022, , 108482.	1.1	0
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2025	Neuronal Models for EEG&fMRI Integration. , 2022, , 625-638.		0
2027	It's time for attentional control: Temporal expectation in the attentional blink. <i>Consciousness and Cognition</i> , 2023, 107, 103461.	0.8	1
2029	Differential neural response to psychoanalytic intervention techniques during structural interviewing: A single-case analysis using EEG. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	3
2030	Oscillatory brain responses to emotional stimuli are effects related to events rather than states. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	2
2031	Mechanisms underlying corruption of working memory in Parkinson's disease. <i>Journal of Neuropsychology</i> , 0, , .	0.6	1
2032	Effects of working memory span training on top-down attentional asymmetry at both neural and behavioral levels. <i>Cerebral Cortex</i> , 0, , .	1.6	1
2033	Cortical, muscular, and kinetic activity underpinning attentional focus strategies during visuomotor control. <i>Psychophysiology</i> , 2023, 60, .	1.2	6
2034	What do functional neuroimaging studies tell us about the association between falls and cognition in older adults? A systematic review. <i>Ageing Research Reviews</i> , 2023, 85, 101859.	5.0	1

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2037	Neural signatures of task-related fluctuations in auditory attention and age-related changes. <i>NeuroImage</i> , 2023, 268, 119883.	2.1	4
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2039	A QE Study on Golf Putting. <i>Korean Journal of Sport Science</i> , 2022, 33, 601-611.	0.0	0
2040	Sensing fear: fast and precise threat evaluation in human sensory cortex. <i>Trends in Cognitive Sciences</i> , 2023, 27, 341-352.	4.0	8
2041	Transcranial Alternating Current Stimulation to Modulate Alpha Activity: A Systematic Review. <i>Neuromodulation</i> , 2023, , .	0.4	3
2042	Modelling continual learning in humans with Hebbian context gating and exponentially decaying task signals. <i>PLoS Computational Biology</i> , 2023, 19, e1010808.	1.5	10
2043	Associations between spontaneous electroencephalogram oscillations and oxygen saturation across normobaric and hypobaric hypoxia. <i>Human Brain Mapping</i> , 2023, 44, 2345-2364.	1.9	2
2044	Information theoretic evidence for layer- and frequency-specific changes in cortical information processing under anesthesia. <i>PLoS Computational Biology</i> , 2023, 19, e1010380.	1.5	2
2045	Saccades are locked to the phase of alpha oscillations during natural reading. <i>PLoS Biology</i> , 2023, 21, e3001968.	2.6	7
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2047	Pursuing personalized medicine for depression by targeting the lateral or medial prefrontal cortex with Deep TMS. <i>JCI Insight</i> , 2023, 8, .	2.3	7
2048	EEG cortical activity and connectivity correlates of early sympathetic response during cold pressor test. <i>Scientific Reports</i> , 2023, 13, .	1.6	1
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2051	Modality-Attention Promotes the Neural Effects of Precise Timing Prediction in Early Sensory Processing. <i>Brain Sciences</i> , 2023, 13, 610.	1.1	0
2052	Aberrant neurophysiological signaling associated with speech impairments in Parkinson�s disease. <i>Npj Parkinson's Disease</i> , 2023, 9, .	2.5	4
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2056	The interlinking of alpha waves and visuospatial cognition in motor-based domains. <i>Neuroscience and Biobehavioral Reviews</i> , 2023, 149, 105152.	2.9	3
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2058	Prioritizing flexible working memory representations through retrospective attentional strengthening. <i>NeuroImage</i> , 2023, 269, 119902.	2.1	4
2059	Low global frontal brain activity is associated with non-planned or impulsive suicide attempts. A preliminary study. <i>Journal of Affective Disorders</i> , 2023, 326, 44-48.	2.0	1
2060	How Intermittent Brain States Modulate Neurophysiological Processes in Cognitive Flexibility. <i>Journal of Cognitive Neuroscience</i> , 2023, 35, 749-764.	1.1	2
2061	Cortical-brainstem interplay during speech perception in older adults with and without hearing loss. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	2
2062	Enhanced temporal resolution of vision in action video game players. <i>NeuroImage</i> , 2023, 269, 119906.	2.1	4
2065	Modular segregation drives causality of the dynamic oscillatory network responses during threat processing. <i>Brain Communications</i> , 2023, 5, .	1.5	2
2066	Mental strategies and resting state EEG: Effect on high alpha amplitude modulation by neurofeedback in healthy young adults. <i>Biological Psychology</i> , 2023, 178, 108521.	1.1	2
2067	Statistical Learning of Distractor Suppression Downregulates Prestimulus Neural Excitability in Early Visual Cortex. <i>Journal of Neuroscience</i> , 2023, 43, 2190-2198.	1.7	16
2068	Hyperscanning EEG Paradigm Applied to Remote vs. Face-To-Face Learning in Managerial Contexts: Which Is Better?. <i>Brain Sciences</i> , 2023, 13, 356.	1.1	3
2069	EEG and pupillometric signatures of working memory overload. <i>Psychophysiology</i> , 2023, 60, .	1.2	4
2070	Decomposing age effects in EEG alpha power. <i>Cortex</i> , 2023, 161, 116-144.	1.1	15
2072	A feasibility study of pre-sleep audio and visual alpha brain entrainment for people with chronic pain and sleep disturbance. <i>Frontiers in Pain Research</i> , 0, 4, .	0.9	3
2073	Paranormal believers show reduced resting EEG beta band oscillations and inhibitory control than skeptics. <i>Scientific Reports</i> , 2023, 13, .	1.6	3
2075	Distinct roles of forward and backward alpha-band waves in spatial visual attention. <i>ELife</i> , 0, 12, .	2.8	13

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2077	Suppression of distracting inputs by visual-spatial cues is driven by anticipatory alpha activity. <i>PLoS Biology</i> , 2023, 21, e3002014.	2.6	4
2078	Synergistic effects of transcutaneous vagus nerve stimulation and inhibitory control training on electrophysiological performance in healthy adults. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	0
2079	Propofol disrupts alpha dynamics in functionally distinct thalamocortical networks during loss of consciousness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	8
2081	Stimulus-evoked and resting-state alpha oscillations show a linked dependence on patterned visual experience for development. <i>NeuroImage: Clinical</i> , 2023, 38, 103375.	1.4	2
2083	Lateralized connectivity in the alpha band between parietal and occipital sources when spatial attention is externally and internally directed. , 0, 2, .		3
2084	Homeostatic normalization of alpha brain rhythms within the default-mode network and reduced symptoms in post-traumatic stress disorder following a randomized controlled trial of electroencephalogram neurofeedback. <i>Brain Communications</i> , 2023, 5, .	1.5	7
2085	The spectral profile of cortical activation during a visuospatial mental rotation task and its correlation with working memory. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	0
2086	Random Tactile Noise Stimulation Reveals Beta-Rhythmic Impulse Response Function of the Somatosensory System. <i>Journal of Neuroscience</i> , 2023, 43, 3107-3119.	1.7	2
2087	Alpha-ACS alters attentional control but not cognitive functions as video games do: A psychophysical investigation based on the theory of visual attention. <i>European Journal of Neuroscience</i> , 2023, 57, 1705-1722.	1.2	0
2088	Child and adolescent development of the brain oscillatory activity during a working memory task. <i>Brain and Cognition</i> , 2023, 167, 105969.	0.8	0
2090	Down and up! Does the mu rhythm index a gating mechanism in the developing motor system?. <i>Developmental Cognitive Neuroscience</i> , 2023, 60, 101239.	1.9	0
2091	Two Oscillatory Correlates of Attention Control in the Alpha-Band with Distinct Consequences on Perceptual Gain and Metacognition. <i>Journal of Neuroscience</i> , 2023, 43, 3548-3556.	1.7	13
2093	The spectral dynamics of visual awareness: An interplay of different frequencies?. <i>European Journal of Neuroscience</i> , 2023, 57, 2136-2148.	1.2	3
2094	The Temporal Dynamics of Brain-to-Brain Synchrony Between Students and Teachers Predict Learning Outcomes. <i>Psychological Science</i> , 2023, 34, 633-643.	1.8	8
2095	Spatial attention is not affected by alpha or beta transcranial Alternating Current Stimulation: a registered report. <i>Cortex</i> , 2023, , .	1.1	0
2096	Naturalistic spoken language comprehension is supported by alpha and beta oscillations. <i>Journal of Neuroscience</i> , 0, , JN-RM-1500-22.	1.7	4
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2132	Editorial: Peak frequencies in neural oscillatory activity and their connection to perception and cognition. <i>Frontiers in Psychology</i> , 0, 14, .	1.1	0
2138	Evaluating brain spectral and connectivity differences between silent mind-wandering and trance states. <i>Progress in Brain Research</i> , 2023, , 29-61.	0.9	0
2156	Funktion und Einsatz von menschlicher Intuition. , 2023, , 71-157.		0
2170	Neural Oscillations in EEG and MEG. <i>Neuromethods</i> , 2023, , 241-284.	0.2	0
2191	How Can Laminar Microelectrodes Contribute to Human Neurophysiology?. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2023, , 739-760.	0.1	0
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2216	Mean-Field Model of Glia-Mediated Appearance of Brain Rhythms in Normal and Pathological Conditions. , 2023, , .		0
2223	ADHS-relevante Rhythmen. , 2023, , 137-157.		0
2246	An Exoskeleton BCI System for Stroke Rehabilitation Using Multi-modality Training Mode. , 2023, , .		0
2278	Brain Dynamics in Engaged and Relaxed Psychophysiological States Reflecting the Creation of Knowledge and Meaning. , 2023, , .		1
2314	Neurofeedback. , 2024, , 653-666.		0