

# Nonparametric statistical testing of EEG- and MEG-data

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Comparison of FBP and OSEM for volume determination in SPECT imaging. , 0, , .		0
2	Distribution of pontomesencephalic cholinergic neurons projecting to substantia nigra differs significantly from those projecting to ventral tegmental area. Journal of Neuroscience, 1995, 15, 5859-5869.	1.7	355
3	Artifact correction and source analysis of early electroencephalographic responses evoked by transcranial magnetic stimulation over primary motor cortex. NeuroImage, 2007, 37, 56-70.	2.1	112
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5	An R package for single-case randomization tests. Behavior Research Methods, 2008, 40, 467-478.	2.3	91
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20	Gamma-Band Synchronization in the Macaque Hippocampus and Memory Formation. <i>Journal of Neuroscience</i> , 2009, 29, 12521-12531.	1.7	159
21	Neural Representations of Individual Stimuli in Humans Revealed by Gamma-Band Electroencephalographic Activity. <i>Journal of Neuroscience</i> , 2009, 29, 10203-10214.	1.7	107
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23	An Event-related Potential Study on Changes of Violation and Error Responses during Morphosyntactic Learning. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 433-446.	1.1	37
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1806	Variation of Functional Neurological Symptoms and Emotion Regulation with Time. <i>Frontiers in Psychiatry</i> , 2018, 9, 35.	1.3	6
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1808	Human EEG reveals distinct neural correlates of power and precision grasping types. <i>NeuroImage</i> , 2018, 181, 635-644.	2.1	47
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2474	Prefrontal theta modulates sensorimotor gamma networks during the reorienting of attention. <i>Human Brain Mapping</i> , 2020, 41, 520-529.	1.9	34
2475	Beta-band oscillations play an essential role in motor-auditory interactions. <i>Human Brain Mapping</i> , 2020, 41, 656-665.	1.9	35
2476	Stress effects on learning and feedback-related neural activity depend on feedback delay. <i>Psychophysiology</i> , 2020, 57, e13471.	1.2	7
2477	Neural oscillations and connectivity characterizing the state of tonic experimental pain in humans. <i>Human Brain Mapping</i> , 2020, 41, 17-29.	1.9	31
2478	Neural correlates of perceptual switching while listening to bistable auditory streaming stimuli. <i>NeuroImage</i> , 2020, 204, 116220.	2.1	11
2479	Fear generalization of implicit conditioned facial features - Behavioral and magnetoencephalographic correlates. <i>NeuroImage</i> , 2020, 205, 116302.	2.1	17
2480	Neurophysiological correlates of collective perceptual decision-making. <i>European Journal of Neuroscience</i> , 2020, 51, 1676-1696.	1.2	2
2481	Altered neural dynamics in occipital cortices serving visual-spatial processing in heavy alcohol users. <i>Journal of Psychopharmacology</i> , 2020, 34, 245-253.	2.0	7
2482	Deletion of Fmr1 from Forebrain Excitatory Neurons Triggers Abnormal Cellular, EEG, and Behavioral Phenotypes in the Auditory Cortex of a Mouse Model of Fragile X Syndrome. <i>Cerebral Cortex</i> , 2020, 30, 969-988.	1.6	55
2483	Transcranial Static Magnetic Field Stimulation Over the Temporal Cortex Modulating the Right Ear Advantage in Dichotic Listening. <i>Neuromodulation</i> , 2020, 23, 335-340.	0.4	7
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2485	Having your cake and eating it too: Flexibility and power with mass univariate statistics for ERP data. <i>Psychophysiology</i> , 2020, 57, e13468.	1.2	78
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2487	Individual Alpha Frequency Predicts Perceived Visuotactile Simultaneity. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 1-11.	1.1	24
2488	Bilingual switching between languages and listeners: Insights from immersive virtual reality. <i>Cognition</i> , 2020, 195, 104107.	1.1	16
2489	The Neural Time Course of Semantic Ambiguity Resolution in Speech Comprehension. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 403-425.	1.1	13
2490	Single-trial characterization of neural rhythms: Potential and challenges. <i>NeuroImage</i> , 2020, 206, 116331.	2.1	84

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2492	Shared Sensitivity to Physical Pain and Social Evaluation. <i>Journal of Pain</i> , 2020, 21, 677-688.	0.7	11
2493	Embedding (im)plausible clauses in propositional attitude contexts: Modulatory effects on the N400 and late components. <i>Journal of Neurolinguistics</i> , 2020, 53, 100877.	0.5	2
2494	Emergence of $\hat{\Gamma}^2$ and $\hat{\Gamma}^3$ networks following multisensory training. <i>NeuroImage</i> , 2020, 206, 116313.	2.1	7
2495	Evidence for prefrontal cortex hypofunctioning in schizophrenia through somatosensory evoked potentials. <i>Schizophrenia Research</i> , 2020, 215, 197-203.	1.1	9
2496	Posterior Alpha and Gamma Oscillations Index Divergent and Superadditive Effects of Cognitive Interference. <i>Cerebral Cortex</i> , 2020, 30, 1931-1945.	1.6	21
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2499	Role of the occipito-temporal theta rhythm in hand visual identification. <i>Journal of Neurophysiology</i> , 2020, 123, 167-177.	0.9	12
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2501	Association between increased theta cordance and early response to ECT in late-life depression. <i>International Journal of Geriatric Psychiatry</i> , 2020, 35, 147-152.	1.3	6
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2503	Improving audio-visual temporal perception through training enhances beta-band activity. <i>NeuroImage</i> , 2020, 206, 116312.	2.1	24
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2505	Interpreting neural decoding models using grouped model reliance. <i>PLoS Computational Biology</i> , 2020, 16, e1007148.	1.5	5
2506	Delta phase reset predicts conflict-related changes in P3 amplitude and behavior. <i>Brain Research</i> , 2020, 1730, 146662.	1.1	17
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2508	Short- and long-term forms of neural adaptation: An ERP investigation of dynamic motion aftereffects. <i>Cortex</i> , 2020, 125, 122-134.	1.1	11

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2510	Spatial Attentional Selection Modulates Early Visual Stimulus Processing Independently of Visual Alpha Modulations. <i>Cerebral Cortex</i> , 2020, 30, 3686-3703.	1.6	52
2511	Characterization of information processing in the subthalamic area of Parkinson's patients. <i>NeuroImage</i> , 2020, 209, 116518.	2.1	8
2512	Disparity in interaural time difference improves the accuracy of neural representations of individual concurrent narrowband sounds in rat inferior colliculus and auditory cortex. <i>Journal of Neurophysiology</i> , 2020, 123, 695-706.	0.9	4
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2514	Auditory cortex sensitivity to the loudness attribute of verbs. <i>Brain and Language</i> , 2020, 202, 104726.	0.8	3
2515	Motivated forgetting increases the recall time of learnt items: Behavioral and event related potential evidence. <i>Brain Research</i> , 2020, 1729, 146624.	1.1	3
2516	Abnormal brain gamma oscillations in response to auditory stimulation in Dravet syndrome. <i>European Journal of Paediatric Neurology</i> , 2020, 24, 134-141.	0.7	9
2517	Electroencephalographic evidence for the involvement of mirror-neuron and error-monitoring related processes in virtual body ownership. <i>NeuroImage</i> , 2020, 207, 116351.	2.1	15
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2520	Complexity changes in preclinical Alzheimer's disease: An MEG study of subjective cognitive decline and mild cognitive impairment. <i>Clinical Neurophysiology</i> , 2020, 131, 437-445.	0.7	21
2521	Neuronal correlates of full and partial visual conscious perception. <i>Consciousness and Cognition</i> , 2020, 78, 102863.	0.8	12
2522	Head magnetomyography (hMMG): A novel approach to monitor face and whole head muscular activity. <i>Psychophysiology</i> , 2020, 57, e13507.	1.2	7
2523	High-definition transcranial direct current stimulation dissociates fronto-visual theta lateralization during visual selective attention. <i>Journal of Physiology</i> , 2020, 598, 987-998.	1.3	14
2524	Magnetoencephalography resting-state spectral fingerprints distinguish bipolar depression and unipolar depression. <i>Bipolar Disorders</i> , 2020, 22, 612-620.	1.1	16
2525	Attention for Speaking: Prestimulus Motor-cortical Alpha Power Predicts Picture Naming Latencies. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 747-761.	1.1	7
2526	Pupil responses to pitch deviants reflect predictability of melodic sequences. <i>Brain and Cognition</i> , 2020, 138, 103621.	0.8	26

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2528	Differences in early and late pattern-onset visual-evoked potentials between self-reported migraineurs and controls. <i>NeuroImage: Clinical</i> , 2020, 25, 102122.	1.4	16
2529	Fixation-related Brain Potentials during Semantic Integration of Object-Scene Information. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 571-589.	1.1	47
2530	Unimodal and Bimodal Access to Sensory Working Memories by Auditory and Visual Impulses. <i>Journal of Neuroscience</i> , 2020, 40, 671-681.	1.7	48
2531	Motor cortical inhibition during concurrent action execution and action observation. <i>NeuroImage</i> , 2020, 208, 116445.	2.1	15
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2533	Revisiting the value of polysomnographic data in insomnia: more than meets the eye. <i>Sleep Medicine</i> , 2020, 66, 184-200.	0.8	44
2534	Phase synchronization varies systematically with linguistic structure composition. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190305.	1.8	30
2535	Distinct directional couplings between slow and fast gamma power to the phase of theta oscillations in the rat hippocampus. <i>European Journal of Neuroscience</i> , 2020, 51, 2070-2081.	1.2	13
2536	Neurophysiological substrates of configural face perception in schizotypy. <i>Schizophrenia Research</i> , 2020, 216, 389-396.	1.1	1
2537	Perceptual Expectations Modulate Low-Frequency Activity: A Statistical Learning Magnetoencephalography Study. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 691-702.	1.1	5
2538	Older Adults Differentially Modulate Transcranial Magnetic Stimulation Electroencephalography Measures of Cortical Inhibition during Maximal Single-joint Exercise. <i>Neuroscience</i> , 2020, 425, 181-193.	1.1	9
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2541	A Fast Visual Recognition Memory System in Humans Identified Using Intracerebral ERP. <i>Cerebral Cortex</i> , 2020, 30, 2961-2971.	1.6	9
2542	Improving visuo-motor learning with cerebellar theta burst stimulation: Behavioral and neurophysiological evidence. <i>NeuroImage</i> , 2020, 208, 116424.	2.1	46
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2546	Neural dynamics of the production of newly acquired words relative to well-known words. <i>Brain Research</i> , 2020, 1727, 146557.	1.1	2
2547	Dissecting beta-state changes during timed movement preparation in Parkinson's disease. <i>Progress in Neurobiology</i> , 2020, 184, 101731.	2.8	25
2548	Electrophysiology of statistical learning: Exploring the online learning process and offline learning product. <i>European Journal of Neuroscience</i> , 2020, 51, 2008-2022.	1.2	10
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2551	Assessing neurophysiological changes associated with combined transcranial direct current stimulation and cognitive-emotional training for treatment-resistant depression. <i>European Journal of Neuroscience</i> , 2020, 51, 2119-2133.	1.2	11
2552	Aberrant Prestimulus Oscillations in Developmental Dyslexia Support an Underlying Attention Shifting Deficit. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa006.	0.7	4
2553	Sharp Wave-Ripples in Human Amygdala and Their Coordination with Hippocampus during NREM Sleep. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa051.	0.7	12
2554	Skipping a Beat: Heartbeat-Evoked Potentials Reflect Predictions during Interoceptive-Exteroceptive Integration. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa060.	0.7	18
2555	High Frequency Activity in the Orbital Frontal Cortex Modulates with Mismatched Expectations During Gambling in Humans. , 2020, 2020, 1035-1038.		2
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2557	Electrical brain activity and facial electromyography responses to irony in dysphoric and non-dysphoric participants. <i>Brain and Language</i> , 2020, 211, 104861.	0.8	3
2558	How does dialectal experience modulate anticipatory speech processing?. <i>Journal of Memory and Language</i> , 2020, 115, 104169.	1.1	8
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2562	The human brain reveals resting state activity patterns that are predictive of biases in attitudes toward robots. <i>Science Robotics</i> , 2020, 5, .	9.9	36
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2567	Mental operations in rhythm: Motor-to-sensory transformation mediates imagined singing. <i>PLoS Biology</i> , 2020, 18, e3000504.	2.6	14
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2569	Cortical Oscillations in Cervical Dystonia and Dystonic Tremor. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa048.	0.7	4
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2572	Lateralized evoked responses in parietal cortex demonstrate visual short-term memory deficits in first-episode schizophrenia. <i>Journal of Psychiatric Research</i> , 2020, 130, 292-299.	1.5	7
2573	Investigating the effects of pre-stimulus cortical oscillatory activity on behavior. <i>NeuroImage</i> , 2020, 223, 117351.	2.1	1
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2580	Prefrontal gating of sensory input differentiates cognitively impaired and unimpaired aging adults with HIV. <i>Brain Communications</i> , 2020, 2, fcaa080.	1.5	23
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2584	Transcranial random noise stimulation is more effective than transcranial direct current stimulation for enhancing working memory in healthy individuals: Behavioural and electrophysiological evidence. <i>Brain Stimulation</i> , 2020, 13, 1370-1380.	0.7	50
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2595	Motor beta cortical oscillations are related with the gait kinematics of youth with cerebral palsy. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 2421-2432.	1.7	19
2596	Reading-Network in Developmental Dyslexia before and after Visual Training. <i>Symmetry</i> , 2020, 12, 1842.	1.1	7
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2607	Intention to imitate: Top-down effects on 4-year-olds' neural processing of others' actions. <i>Developmental Cognitive Neuroscience</i> , 2020, 45, 100851.	1.9	12
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2620	The intimate relationship between coalescent generators in very premature human newborn brains: Quantifying the coupling of nested endogenous oscillations. <i>Human Brain Mapping</i> , 2020, 41, 4691-4703.	1.9	12
2621	Perceived pleasantness of gentle touch in healthy individuals is related to salivary oxytocin response and EEG markers of arousal. <i>Experimental Brain Research</i> , 2020, 238, 2257-2268.	0.7	31
2622	The Role of Animacy in Children's Interpretation of Relative Clauses in English: Evidence From Sentence-Picture Matching and Eye Movements. <i>Cognitive Science</i> , 2020, 44, e12874.	0.8	11
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2626	Ageing Alters Olfactory Bulb Network Oscillations and Connectivity: Relevance for Aging-Related Neurodegeneration Studies. <i>Neural Plasticity</i> , 2020, 2020, 1-17.	1.0	2
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2628	Adaptation to feedback representation of illusory orientation produced from flash grab effect. <i>Nature Communications</i> , 2020, 11, 3925.	5.8	8
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3377	Multiple Adjoining Word- and Face-Selective Regions in Ventral Temporal Cortex Exhibit Distinct Dynamics. <i>Journal of Neuroscience</i> , 2021, 41, 6314-6327.	1.7	8
3378	Classification of Schizophrenia by Combination of Brain Effective and Functional Connectivity. <i>Frontiers in Neuroscience</i> , 2021, 15, 651439.	1.4	15
3379	Perceptual Grouping Reveals Distinct Roles for Sustained Slow Wave Activity and Alpha Oscillations in Working Memory. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 1354-1364.	1.1	7
3382	Spatial Relations Trigger Visual Binding of People. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 1343-1353.	1.1	15
3383	Brain State Classification With Group $\ell_1$ Sparse PDC as Novel Features for EEG. <i>IEEE Sensors Journal</i> , 2021, 21, 13506-13513.	2.4	4
3384	Selection for Action: The Medial Frontal Cortex Is an Executive Hub for Stimulus and Response Selection. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 1442-1469.	1.1	10
3385	Virtual Realityâ€™Guided Meditation for Chronic Pain in Patients With Cancer: Exploratory Analysis of Electroencephalograph Activity. <i>JMIR Biomedical Engineering</i> , 2021, 6, e26332.	0.7	3
3387	Rapid coordination of effective learning by the human hippocampus. <i>Science Advances</i> , 2021, 7, .	4.7	16
3388	Dataâ€’driven beamforming technique to attenuate ballistocardiogram artefacts in electroencephalographyâ€™functional magnetic resonance imaging without detecting cardiac pulses in electrocardiography recordings. <i>Human Brain Mapping</i> , 2021, 42, 3993-4021.	1.9	5
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3393	Dynamic relationships between spontaneous and evoked electrophysiological activity. <i>Communications Biology</i> , 2021, 4, 741.	2.0	33
3394	Effects of age on loudness-dependent auditory ERPs in young autistic and typically-developing children. <i>Neuropsychologia</i> , 2021, 156, 107837.	0.7	10
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3397	Investigating neurophysiological markers of impaired cognition in schizophrenia. <i>Schizophrenia Research</i> , 2021, 233, 34-43.	1.1	7
3398	Attentional modulation of neural dynamics in tactile perception of complex regional pain syndrome patients. <i>European Journal of Neuroscience</i> , 2021, 54, 5601-5619.	1.2	3
3399	Anticipatory human subthalamic area beta-band power responses to dissociable tastes correlate with weight gain. <i>Neurobiology of Disease</i> , 2021, 154, 105348.	2.1	4

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3401	Auditory Pattern Representations Under Conditions of Uncertainty—An ERP Study. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 682820.	1.0	5
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3406	Multisensory Processing Can Compensate for Top-Down Attention Deficits in Schizophrenia. <i>Cerebral Cortex</i> , 2021, 31, 5536-5548.	1.6	2
3407	The heartbeat evoked potential does not support strong interoceptive sensibility in trait mindfulness. <i>Psychophysiology</i> , 2021, 58, e13891.	1.2	6
3408	The Cost of the Epistemic Step: Investigating Scalar Implications in Full and Partial Information Contexts. <i>Frontiers in Psychology</i> , 2021, 12, 679491.	1.1	2
3409	Dynamic tractography-based localization of spike sources and animation of spike propagations. <i>Epilepsia</i> , 2021, 62, 2372-2384.	2.6	16
3410	Graph-theoretical analysis of EEG functional connectivity during balance perturbation in traumatic brain injury: A pilot study. <i>Human Brain Mapping</i> , 2021, 42, 4427-4447.	1.9	12
3412	Inhibition of cortical somatosensory processing during and after low frequency peripheral nerve stimulation in humans. <i>Clinical Neurophysiology</i> , 2021, 132, 1481-1495.	0.7	2
3413	Electrophysiological Proxy of Cognitive Reserve Index. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 690856.	1.0	3
3414	Contextual Acquisition of Concrete and Abstract Words: Behavioural and Electrophysiological Evidence. <i>Brain Sciences</i> , 2021, 11, 898.	1.1	7
3415	Alpha and broadband high-frequency activity track task dynamics and predict performance in controlled decision-making. <i>Psychophysiology</i> , 2022, 59, e13901.	1.2	10
3417	Pre-stimulus alpha oscillation and post-stimulus cortical activity differ in localization between consciously perceived and missed near-threshold somatosensory stimuli. <i>European Journal of Neuroscience</i> , 2021, 54, 5518-5530.	1.2	1
3418	Spatial asymmetries (œpseudoneglect) in free visual exploration—modulation of age and relationship to line bisection. <i>Experimental Brain Research</i> , 2021, 239, 2693-2700.	0.7	5
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3420	Ear-Specific Hemispheric Asymmetry in Unilateral Deafness Revealed by Auditory Cortical Activity. <i>Frontiers in Neuroscience</i> , 2021, 15, 698718.	1.4	7
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3424	Motor and sensory cortical processing of neural oscillatory activities revealed by human swallowing using intracranial electrodes. <i>iScience</i> , 2021, 24, 102786.	1.9	8
3425	Alpha synchronisation of acoustic responses in active listening is indicative of native language listening experience. <i>International Journal of Audiology</i> , 2021, , 1-10.	0.9	1
3426	An Analytical Framework of Tonal and Rhythmic Hierarchy in Natural Music Using the Multivariate Temporal Response Function. <i>Frontiers in Neuroscience</i> , 2021, 15, 665767.	1.4	6
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3429	Heartbeat evoked potentials (HEP) capture brain activity affecting subsequent heartbeat. <i>Biomedical Signal Processing and Control</i> , 2021, 68, 102731.	3.5	7
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3435	The Consistency of Prior Movements Shapes Locomotor Use-Dependent Learning. <i>ENeuro</i> , 2021, 8, ENEURO.0265-20.2021.	0.9	5
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3443	Adjective-noun order in Papiamentu-Dutch code-switching. <i>Contemporary Discourses of Hate and Radicalism Across Space and Genres</i> , 2021, , 211-236.	0.0	0
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3450	Investigating the effect of losses and gains on effortful engagement during an incentivized Go/NoGo task through anticipatory cortical oscillatory changes. <i>Psychophysiology</i> , 2021, , e13897.	1.2	5
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3453	Dissociating the Neural Correlates of Consciousness and Task Relevance in Face Perception Using Simultaneous EEG-fMRI. <i>Journal of Neuroscience</i> , 2021, 41, 7864-7875.	1.7	28
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3463	Amount of Hearing Aid Use Impacts Neural Oscillatory Dynamics Underlying Verbal Working Memory Processing for Children With Hearing Loss. <i>Ear and Hearing</i> , 2022, 43, 408-419.	1.0	7
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3496	Neural correlates of acceptance and rejection in online speed dating: An electroencephalography study. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, 22, 145-159.	1.0	5
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3503	Differences in Mechanical Parameters of Keyboard Switches Modulate Motor Preparation: A Wearable EEG Study. <i>Frontiers in Neuroergonomics</i> , 2021, 2, .	0.6	2
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3522	Alpha and beta neural oscillations differentially reflect age-related differences in bilateral coordination. <i>Neurobiology of Aging</i> , 2021, 104, 82-91.	1.5	10
3523	Neural signatures of predictive language processing in Parkinson's disease with and without mild cognitive impairment. <i>Cortex</i> , 2021, 141, 112-127.	1.1	4
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3527	The interplay between respectfulness and lexical-semantic in reading Chinese: evidence from ERPs. <i>Cognitive Neurodynamics</i> , 2022, 16, 101-115.	2.3	3
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3552	Ageing-related changes in nap neurooscillatory activity are mediated and moderated by grey matter volume. <i>European Journal of Neuroscience</i> , 2021, 54, 7332-7354.	1.2	7
3553	The Development of a Flexible Bodily Representation: Behavioral Outcomes and Brain Oscillatory Activity During the Rubber Hand Illusion in Preterm and Full-Term School-Age Children. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 702449.	1.0	0
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3563	The hippocampus constructs narrative memories across distant events. <i>Current Biology</i> , 2021, 31, 4935-4945.e7.	1.8	42
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3565	Neural shifts in alpha rhythm's dual functioning during empathy. <i>Brain and Behavior</i> , 2021, 11, e2355.	1.0	1
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