Ole Jensen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1529990/publications.pdf

Version: 2024-02-01

209 papers	30,543 citations	10984 71 h-index	5987 160 g-index
242 all docs	242 docs citations	242 times ranked	17382 citing authors

#	Article	IF	Citations
1	Shaping Functional Architecture by Oscillatory Alpha Activity: Gating by Inhibition. Frontiers in Human Neuroscience, 2010, 4, 186.	2.0	2,317
2	Path integration and the neural basis of the 'cognitive map'. Nature Reviews Neuroscience, 2006, 7, 663-678.	10.2	1,826
3	The Theta-Gamma Neural Code. Neuron, 2013, 77, 1002-1016.	8.1	1,236
4	Frequency of gamma oscillations routes flow of information in the hippocampus. Nature, 2009, 462, 353-357.	27.8	1,206
5	Frontal theta activity in humans increases with memory load in a working memory task. European Journal of Neuroscience, 2002, 15, 1395-1399.	2.6	1,086
6	Human gamma-frequency oscillations associated with attention and memory. Trends in Neurosciences, 2007, 30, 317-324.	8.6	992
7	Oscillations in the Alpha Band (9-12 Hz) Increase with Memory Load during Retention in a Short-term Memory Task. Cerebral Cortex, 2002, 12, 877-882.	2.9	970
8	Cross-frequency coupling between neuronal oscillations. Trends in Cognitive Sciences, 2007, 11, 267-269.	7.8	813
9	Cross-frequency coupling supports multi-item working memory in the human hippocampus. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3228-3233.	7.1	781
10	Prestimulus Oscillatory Activity in the Alpha Band Predicts Visual Discrimination Ability. Journal of Neuroscience, 2008, 28, 1816-1823.	3.6	740
11	Î±-Oscillations in the monkey sensorimotor network influence discrimination performance by rhythmical inhibition of neuronal spiking. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19377-19382.	7.1	644
12	Hierarchical nesting of slow oscillations, spindles and ripples in the human hippocampus during sleep. Nature Neuroscience, 2015, 18, 1679-1686.	14.8	615
13	Good practice for conducting and reporting MEG research. NeuroImage, 2013, 65, 349-363.	4.2	604
14	Theta and Gamma Oscillations Predict Encoding and Retrieval of Declarative Memory. Journal of Neuroscience, 2006, 26, 7523-7531.	3.6	583
15	Declarative memory consolidation in humans: A prospective functional magnetic resonance imaging study. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 756-761.	7.1	467
16	Alpha Oscillations Serve to Protect Working Memory Maintenance against Anticipated Distracters. Current Biology, 2012, 22, 1969-1974.	3.9	447
17	Modulation of Gamma and Alpha Activity during a Working Memory Task Engaging the Dorsal or Ventral Stream. Journal of Neuroscience, 2007, 27, 3244-3251.	3.6	421
18	Top-Down Controlled Alpha Band Activity in Somatosensory Areas Determines Behavioral Performance in a Discrimination Task. Journal of Neuroscience, 2011, 31, 5197-5204.	3.6	393

#	Article	IF	Citations
19	Hippocampal sequence-encoding driven by a cortical multi-item working memory buffer. Trends in Neurosciences, 2005, 28, 67-72.	8.6	392
20	Alpha Oscillations Correlate with the Successful Inhibition of Unattended Stimuli. Journal of Cognitive Neuroscience, 2011, 23, 2494-2502.	2.3	387
21	An oscillatory mechanism for prioritizing salient unattended stimuli. Trends in Cognitive Sciences, 2012, 16, 200-206.	7.8	383
22	Temporal coding organized by coupled alpha and gamma oscillations prioritize visual processing. Trends in Neurosciences, 2014, 37, 357-369.	8.6	358
23	On the human sensorimotor-cortex beta rhythm: Sources and modeling. NeuroImage, 2005, 26, 347-355.	4.2	353
24	Layer-Specific Entrainment of Gamma-Band Neural Activity by the Alpha Rhythm in Monkey Visual Cortex. Current Biology, 2012, 22, 2313-2318.	3.9	337
25	Hippocampal CA3 region predicts memory sequences: accounting for the phase precession of place cells.. Learning and Memory, 1996, 3, 279-287.	1.3	323
26	Orienting Attention to an Upcoming Tactile Event Involves a Spatially and Temporally Specific Modulation of Sensorimotor Alpha- and Beta-Band Oscillations. Journal of Neuroscience, 2011, 31, 2016-2024.	3.6	305
27	Local Entrainment of Alpha Oscillations by Visual Stimuli Causes Cyclic Modulation of Perception. Journal of Neuroscience, 2014, 34, 3536-3544.	3.6	298
28	Gamma Power Is Phase-Locked to Posterior Alpha Activity. PLoS ONE, 2008, 3, e3990.	2.5	289
29	Parieto-occipital sources account for the increase in alpha activity with working memory load. Human Brain Mapping, 2007, 28, 785-792.	3.6	284
30	Position Reconstruction From an Ensemble of Hippocampal Place Cells: Contribution of Theta Phase Coding. Journal of Neurophysiology, 2000, 83, 2602-2609.	1.8	259
31	Prestimulus alpha and mu activity predicts failure to inhibit motor responses. Human Brain Mapping, 2009, 30, 1791-1800.	3.6	243
32	An Oscillatory Short-Term Memory Buffer Model Can Account for Data on the Sternberg Task. Journal of Neuroscience, 1998, 18, 10688-10699.	3.6	241
33	Somatosensory working memory performance in humans depends on both engagement and disengagement of regions in a distributed network. Human Brain Mapping, 2010, 31, 26-35.	3.6	222
34	Shift from Hippocampal to Neocortical Centered Retrieval Network with Consolidation. Journal of Neuroscience, 2009, 29, 10087-10093.	3.6	219
35	Communication between Brain Areas Based on Nested Oscillations. ENeuro, 2017, 4, ENEURO.0153-16.2017.	1.9	193
36	Somatosensory Anticipatory Alpha Activity Increases to Suppress Distracting Input. Journal of Cognitive Neuroscience, 2012, 24, 677-685.	2.3	183

#	Article	IF	Citations
37	Region-specific modulations in oscillatory alpha activity serve to facilitate processing in the visual and auditory modalities. NeuroImage, 2014, 87, 356-362.	4.2	182
38	I see what you mean: Theta power increases are involved in the retrieval of lexical semantic information. Brain and Language, 2008, 106, 15-28.	1.6	180
39	Asymmetric Amplitude Modulations of Brain Oscillations Generate Slow Evoked Responses. Journal of Neuroscience, 2008, 28, 7781-7787.	3.6	179
40	Occipital Alpha Activity during Stimulus Processing Gates the Information Flow to Object-Selective Cortex. PLoS Biology, 2014, 12, e1001965.	5.6	175
41	Frontal Eye Fields Control Attentional Modulation of Alpha and Gamma Oscillations in Contralateral Occipitoparietal Cortex. Journal of Neuroscience, 2015, 35, 1638-1647.	3.6	168
42	EEG Alpha Power Modulation of fMRI Resting-State Connectivity. Brain Connectivity, 2012, 2, 254-264.	1.7	164
43	Physiologically realistic formation of autoassociative memory in networks with theta/gamma oscillations: role of fast NMDA channels.. Learning and Memory, 1996, 3, 243-256.	1.3	163
44	Attention Modulates TMS-Locked Alpha Oscillations in the Visual Cortex. Journal of Neuroscience, 2015, 35, 14435-14447.	3.6	161
45	Motor-cortical beta oscillations are modulated by correctness of observed action. NeuroImage, 2008, 40, 767-775.	4.2	154
46	Oscillatory Activity in Human Parietal and Occipital Cortex Shows Hemispheric Lateralization and Memory Effects in a Delayed Double-Step Saccade Task. Cerebral Cortex, 2007, 17, 2364-2374.	2.9	149
47	Rhythmic pulsing: linking ongoing brain activity with evoked responses. Frontiers in Human Neuroscience, 2010, 4, 177.	2.0	149
48	The relationship between oscillatory EEG activity and the laminar-specific BOLD signal. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6761-6766.	7.1	147
49	Beta oscillations in the monkey sensorimotor network reflect somatosensory decision making. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10708-10713.	7.1	145
50	Posterior Â activity is not phase-reset by visual stimuli. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2948-2952.	7.1	143
51	Modulations in oscillatory activity with amplitude asymmetry can produce cognitively relevant event-related responses. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 900-905.	7.1	142
52	Propagating Neocortical Gamma Bursts Are Coordinated by Traveling Alpha Waves. Journal of Neuroscience, 2013, 33, 18849-18854.	3.6	138
53	Novel lists of 7 +/- 2 known items can be reliably stored in an oscillatory short-term memory network: interaction with long-term memory.. Learning and Memory, 1996, 3, 257-263.	1.3	138
54	Attention modulations of posterior alpha as a control signal for two-dimensional brainâ€“computer interfaces. Journal of Neuroscience Methods, 2009, 179, 78-84.	2.5	136

#	Article	IF	Citations
55	Theta/gamma networks with slow NMDA channels learn sequences and encode episodic memory: role of NMDA channels in recall.. Learning and Memory, 1996, 3, 264-278.	1.3	135
56	Neural Entrainment Determines the Words We Hear. Current Biology, 2018, 28, 2867-2875.e3.	3.9	134
57	Beta oscillations relate to the N400m during language comprehension. Human Brain Mapping, 2012, 33, 2898-2912.	3.6	131
58	Tactile expectation modulates pre-stimulus Î²-band oscillations in human sensorimotor cortex. NeuroImage, 2010, 51, 867-876.	4.2	126
59	Interactions between posterior gamma and frontal alpha/beta oscillations during imagined actions. Frontiers in Human Neuroscience, 2008, 2, 7.	2.0	124
60	Altered generation of spontaneous oscillations in Alzheimer's disease. NeuroImage, 2005, 27, 835-841.	4.2	122
61	Sleep directly following learning benefits consolidation of spatial associative memory. Learning and Memory, 2008, 15, 233-237.	1.3	119
62	Neuromagnetic localization of rhythmic activity in the human brain: a comparison of three methods. NeuroImage, 2005, 25, 734-745.	4.2	117
63	IFCN-endorsed practical guidelines for clinical magnetoencephalography (MEG). Clinical Neurophysiology, 2018, 129, 1720-1747.	1.5	111
64	Gamma Activity Coupled to Alpha Phase as a Mechanism for Top-Down Controlled Gating. PLoS ONE, 2015, 10, e0128667.	2.5	109
65	Gamma-Band Activity in Human Posterior Parietal Cortex Encodes the Motor Goal during Delayed Prosaccades and Antisaccades. Journal of Neuroscience, 2008, 28, 8397-8405.	3.6	108
66	Thalamic pathways underlying prefrontal cortexâ€“medial temporal lobe oscillatory interactions. Trends in Neurosciences, 2015, 38, 3-12.	8.6	101
67	GABAergic Modulation of Visual Gamma and Alpha Oscillations and Its Consequences for Working Memory Performance. Current Biology, 2014, 24, 2878-2887.	3.9	100
68	Selective inhibition of distracting input. Behavioural Brain Research, 2018, 355, 36-47.	2.2	95
69	Measuring directionality between neuronal oscillations of different frequencies. NeuroImage, 2015, 118, 359-367.	4.2	94
70	FEF-Controlled Alpha Delay Activity Precedes Stimulus-Induced Gamma-Band Activity in Visual Cortex. Journal of Neuroscience, 2017, 37, 4117-4127.	3.6	93
71	Hippocampal pattern completion is linked to gamma power increases and alpha power decreases during recollection. ELife, 2016, 5, .	6.0	91
72	Serial representation of items during working memory maintenance at letter-selective cortical sites. PLoS Biology, 2018, 16, e2003805.	5.6	88

#	Article	IF	Citations
73	Oscillatory mechanisms of feedforward and feedback visual processing. Trends in Neurosciences, 2015, 38, 192-194.	8.6	87
74	Maintenance of multiple working memory items by temporal segmentation. Neuroscience, 2006, 139, 237-249.	2.3	86
75	Distinct Patterns of Brain Activity Characterise Lexical Activation and Competition in Spoken Word Production. PLoS ONE, 2014, 9, e88674.	2.5	85
76	Theta Phase-Coordinated Memory Reactivation Reoccurs in a Slow-Oscillatory Rhythm during NREM Sleep. Cell Reports, 2018, 25, 296-301.	6.4	83
77	Frontoparietal Structural Connectivity Mediates the Top-Down Control of Neuronal Synchronization Associated with Selective Attention. PLoS Biology, 2015, 13, e1002272.	5.6	80
78	A New Method to Identify Multiple Sources of Oscillatory Activity from Magnetoencephalographic Data. NeuroImage, 2002, 15, 568-574.	4.2	76
79	Neuronal Synchronization in Human Posterior Parietal Cortex during Reach Planning. Journal of Neuroscience, 2010, 30, 1402-1412.	3.6	73
80	Predictability of depression severity based on posterior alpha oscillations. Clinical Neurophysiology, 2016, 127, 2108-2114.	1.5	72
81	Language Prediction Is Reflected by Coupling between Frontal Gamma and Posterior Alpha Oscillations. Journal of Cognitive Neuroscience, 2018, 30, 432-447.	2.3	71
82	Phase locking between human primary and secondary somatosensory cortices. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2691-2694.	7.1	70
83	Accumulation of Evidence during Sequential Decision Making: The Importance of Topâ€“Down Factors. Journal of Neuroscience, 2010, 30, 731-738.	3.6	70
84	Behavioral Consequences of Aberrant Alpha Lateralization in Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2013, 74, 227-233.	1.3	68
85	MEG-based decoding of the spatiotemporal dynamics of visual category perception. NeuroImage, 2013, 83, 1063-1073.	4.2	67
86	Covert attention allows for continuous control of brainâ€“computer interfaces. European Journal of Neuroscience, 2010, 31, 1501-1508.	2.6	63
87	Real-time MEG neurofeedback training of posterior alpha activity modulates subsequent visual detection performance. NeuroImage, 2015, 107, 323-332.	4.2	62
88	Alpha oscillations do not implement gain control in early visual cortex but rather gating in parietoâ€occipital regions. Human Brain Mapping, 2020, 41, 5176-5186.	3.6	62
89	Information Transfer Between Rhythmically Coupled Networks: Reading the Hippocampal Phase Code. Neural Computation, 2001, 13, 2743-2761.	2.2	61
90	On the use of interaction error potentials for adaptive brain computer interfaces. Neural Networks, 2011, 24, 1120-1127.	5.9	61

#	Article	IF	Citations
91	Memory trace stabilization leads to large-scale changes in the retrieval network: A functional MRI study on associative memory. Learning and Memory, 2007, 14, 472-479.	1.3	60
92	Increase in posterior alpha activity during rehearsal predicts successful longâ€term memory formation of word sequences. Human Brain Mapping, 2011, 32, 2045-2053.	3.6	60
93	Discriminating Valid from Spurious Indices of Phase-Amplitude Coupling. ENeuro, 2016, 3, ENEURO.0334-16.2016.	1.9	60
94	Left temporal alpha band activity increases during working memory retention of pitches. European Journal of Neuroscience, 2010, 31, 1701-1707.	2.6	57
95	Oscillatory dynamics of response competition in human sensorimotor cortex. NeuroImage, 2013, 83, 27-34.	4.2	57
96	The role of gamma and alpha oscillations for blocking out distraction. Communicative and Integrative Biology, 2013, 6, e22702.	1.4	57
97	Subcritical transitions to Turing structures. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 179, 91-96.	2.1	55
98	Sensorimotor Alpha Activity is Modulated in Response to the Observation of Pain in Others. Frontiers in Human Neuroscience, 2011, 5, 91.	2.0	55
99	Competitive interactions in sensorimotor cortex: oscillations express separation between alternative movement targets. Journal of Neurophysiology, 2014, 112, 224-232.	1.8	55
100	Multiple Reference Frames in Cortical Oscillatory Activity during Tactile Remapping for Saccades. Journal of Neuroscience, 2011, 31, 16864-16871.	3.6	54
101	Localized structures and front propagation in the Lengyel-Epstein model. Physical Review E, 1994, 50, 736-749.	2.1	53
102	Using Brainâ€“Computer Interfaces and Brain-State Dependent Stimulation as Tools in Cognitive Neuroscience. Frontiers in Psychology, 2011, 2, 100.	2.1	50
103	Hearing and seeing meaning in noise: Alpha, beta, and gamma oscillations predict gestural enhancement of degraded speech comprehension. Human Brain Mapping, 2018, 39, 2075-2087.	3.6	50
104	Saccades are phase-locked to alpha oscillations in the occipital and medial temporal lobe during successful memory encoding. PLoS Biology, 2017, 15, e2003404.	5.6	50
105	Probing cortical excitability using rapid frequency tagging. NeuroImage, 2019, 195, 59-66.	4.2	49
106	Abnormal Reactivity of the â^¼20-Hz Motor Cortex Rhythm in Unverricht Lundborg Type Progressive Myoclonus Epilepsy. NeuroImage, 2000, 12, 707-712.	4.2	48
107	Parietal Oscillations Code Nonvisual Reach Targets Relative to Gaze and Body. Journal of Neuroscience, 2013, 33, 3492-3499.	3.6	47
108	Blocking of irrelevant memories by posterior alpha activity boosts memory encoding. Human Brain Mapping, 2014, 35, 3972-3987.	3.6	47

#	Article	IF	Citations
109	Selecting features for BCI control based on a covert spatial attention paradigm. Neural Networks, 2009, 22, 1271-1277.	5.9	46
110	Low-frequency alternating current stimulation rhythmically suppresses gamma-band oscillations and impairs perceptual performance. NeuroImage, 2019, 184, 440-449.	4.2	46
111	Different roles of alpha and beta band oscillations in anticipatory sensorimotor gating. Frontiers in Human Neuroscience, 2014, 8, 446.	2.0	44
112	Reading the hippocampal code by theta phase-locking. Trends in Cognitive Sciences, 2005, 9, 551-553.	7.8	43
113	Spatial specificity of alpha oscillations in the human visual system. Human Brain Mapping, 2019, 40, 4432-4440.	3.6	43
114	Diminished Alpha Lateralization During Working Memory but Not During Attentional Cueing in Older Adults. Cerebral Cortex, 2018, 28, 21-32.	2.9	42
115	Hexadirectional Modulation of High-Frequency Electrophysiological Activity in the Human Anterior Medial Temporal Lobe Maps Visual Space. Current Biology, 2018, 28, 3325-3329.e4.	3.9	42
116	Sleep Promotes the Extraction of Grammatical Rules. PLoS ONE, 2013, 8, e65046.	2.5	41
117	On the relationship between cortical excitability and visual oscillatory responses â€" A concurrent tDCSâ€"MEG study. NeuroImage, 2016, 140, 41-49.	4.2	41
118	Cross-Frequency Power Correlations Reveal the Right Superior Temporal Gyrus as a Hub Region During Working Memory Maintenance. Brain Connectivity, 2011, 1, 460-472.	1.7	40
119	Evidence for fast, low-level motor resonance to action observation: An MEG study. Social Neuroscience, 2008, 3, 213-228.	1.3	39
120	Interpreting single trial data using groupwise regularisation. NeuroImage, 2009, 46, 665-676.	4.2	37
121	Alpha and alpha-beta phase synchronization mediate the recruitment of the visuospatial attention network through the Superior Longitudinal Fasciculus. NeuroImage, 2019, 188, 722-732.	4.2	37
122	Specific lexico-semantic predictions are associated with unique spatial and temporal patterns of neural activity. ELife, 2018, 7, .	6.0	37
123	When neurons form memories. Trends in Neurosciences, 2003, 26, 123-124.	8.6	36
124	Successful declarative memory formation is associated with ongoing activity during encoding in a distributed neocortical network related to working memory: A magnetoencephalography study. Neuroscience, 2006, 139, 291-297.	2.3	35
125	Formation of visual memories controlled by gamma power phase-locked to alpha oscillations. Scientific Reports, 2016, 6, 28092.	3.3	35
126	Top-down control of cortical gamma-band communication via pulvinar induced phase shifts in the alpha rhythm. PLoS Computational Biology, 2017, 13, e1005519.	3.2	35

#	Article	IF	Citations
127	Frontal network dynamics reflect neurocomputational mechanisms for reducing maladaptive biases in motivated action. PLoS Biology, 2018, 16, e2005979.	5.6	35
128	No Evidence for Entrainment: Endogenous Gamma Oscillations and Rhythmic Flicker Responses Coexist in Visual Cortex. Journal of Neuroscience, 2021, 41, 6684-6698.	3.6	35
129	Evidence for Human Fronto-Central Gamma Activity during Long-Term Memory Encoding of Word Sequences. PLoS ONE, 2011, 6, e21356.	2.5	35
130	Aberrant Modulation of Brain Oscillatory ActivityÂand Attentional Impairment in Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 19-29.	1.5	34
131	A biologically plausible mechanism for neuronal coding organized by the phase of alpha oscillations. European Journal of Neuroscience, 2016, 44, 2147-2161.	2.6	33
132	Posterior alpha oscillations reflect attentional problems in boys with Attention Deficit Hyperactivity Disorder. Clinical Neurophysiology, 2016, 127, 2182-2191.	1.5	33
133	Cortical Oscillatory Mechanisms Supporting the Control of Human Socialâ€“Emotional Actions. Journal of Neuroscience, 2018, 38, 5739-5749.	3.6	33
134	Visually Evoked Gamma Responses in the Human Brain Are Enhanced during Voluntary Hyperventilation. NeuroImage, 2002, 15, 575-586.	4.2	31
135	Thalamocortical rhythms during a vibrotactile detection task. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1797-805.	7.1	31
136	Visual areas become less engaged in associative recall following memory stabilization. NeuroImage, 2008, 40, 1319-1327.	4.2	30
137	The Neocortical Network Representing Associative Memory Reorganizes with Time in a Process Engaging the Anterior Temporal Lobe. Cerebral Cortex, 2012, 22, 2622-2633.	2.9	28
138	Prefrontal alpha- and beta-band oscillations are involved in rule selection. Trends in Cognitive Sciences, 2013, 17, 10-12.	7.8	27
139	Metacognitive awareness of covert somatosensory attention corresponds to contralateral alpha power. NeuroImage, 2014, 85, 803-809.	4.2	27
140	Dorsal and ventral cortices are coupled by cross-frequency interactions during working memory. NeuroImage, 2018, 178, 277-286.	4.2	27
141	Alpha activity reflects individual abilities to adapt to the environment. NeuroImage, 2014, 89, 235-243.	4.2	25
142	Neural evidence for lexical parafoveal processing. Nature Communications, 2021, 12, 5234.	12.8	25
143	Alpha oscillations reflect suppression of distractors with increased perceptual load. Progress in Neurobiology, 2022, 214, 102285.	5.7	25
144	Methylphenidate alters selective attention by amplifying salience. Psychopharmacology, 2015, 232, 4317-4323.	3.1	24

#	Article	IF	Citations
145	Directed Communication between Nucleus Accumbens and Neocortex in Humans Is Differentially Supported by Synchronization in the Theta and Alpha Band. PLoS ONE, 2015, 10, e0138685.	2.5	24
146	Supramodal Theta, Gamma, and Sustained Fields Predict Modality-specific Modulations of Alpha and Beta Oscillations during Visual and Tactile Working Memory. Journal of Cognitive Neuroscience, 2017, 29, 1455-1472.	2.3	24
147	Computer simulation of Turing structures in the chlorite-iodide-malonic acid system. Physica Scripta, 1996, 53, 243-251.	2.5	23
148	Lateralized modulation of posterior alpha oscillations in children. NeuroImage, 2015, 123, 245-252.	4.2	23
149	The Neural Mechanisms of Prediction in Visual Search. Cerebral Cortex, 2016, 26, 4327-4336.	2.9	22
150	Gamma Oscillatory Activity Related to Language Prediction. Journal of Cognitive Neuroscience, 2018, 30, 1075-1085.	2.3	22
151	Topâ€“Down Control of Alpha Phase Adjustment in Anticipation of Temporally Predictable Visual Stimuli. Journal of Cognitive Neuroscience, 2018, 30, 1157-1169.	2.3	22
152	Alpha and Beta Oscillations Index Semantic Congruency between Speech and Gestures in Clear and Degraded Speech. Journal of Cognitive Neuroscience, 2018, 30, 1086-1097.	2.3	22
153	Modality-specific Alpha Modulations Facilitate Long-term Memory Encoding in the Presence of Distracters. Journal of Cognitive Neuroscience, 2015, 27, 583-592.	2.3	21
154	Exploring the Impact of Target Eccentricity and Task Difficulty on Covert Visual Spatial Attention and Its Implications for Brain Computer Interfacing. PLoS ONE, 2013, 8, e80489.	2.5	20
155	Lateralized responses during covert attention are modulated by target eccentricity. Neuroscience Letters, 2011, 491, 35-39.	2.1	19
156	The â€˜Narcissus Effectâ€™: Top-down alpha-beta band modulation of face-related brain areas during self-face processing. NeuroImage, 2020, 213, 116754.	4.2	19
157	Rapid invisible frequency tagging reveals nonlinear integration of auditory and visual information. Human Brain Mapping, 2021, 42, 1138-1152.	3.6	19
158	Lateralization of tonal and intonational pitch processing: An MEG study. Brain Research, 2010, 1328, 79-88.	2.2	18
159	Reorganization of Oscillatory Activity in Human Parietal Cortex during Spatial Updating. Cerebral Cortex, 2013, 23, 508-519.	2.9	18
160	Microsaccade-rhythmic modulation of neural synchronization and coding within and across cortical areas V1 and V2. PLoS Biology, 2018, 16, e2004132.	5.6	18
161	Detection of human auditory evoked brain signals with a resilient nonlinear optically pumped magnetometer. NeuroImage, 2021, 226, 117497.	4.2	18
162	Hemispheric lateralization of posterior alpha reduces distracter interference during face matching. Brain Research, 2014, 1590, 56-64.	2.2	17

#	Article	IF	Citations
163	Diminished modulation of preparatory sensorimotor mu rhythm predicts attention-deficit/hyperactivity disorder severity. Psychological Medicine, 2017, 47, 1947-1956.	4.5	17
164	Memory traces of long-range coordinated oscillations in the sleeping human brain. Human Brain Mapping, 2015, 36, 67-84.	3.6	16
165	Modulation of Posterior Alpha Activity by Spatial Attention Allows for Controlling A Continuous Brainâ€“Computer Interface. Brain Topography, 2015, 28, 852-864.	1.8	15
166	Neuronal synchronization in human parietal cortex during saccade planning. Behavioural Brain Research, 2009, 205, 329-335.	2.2	14
167	Biasing the Perception of Spoken Words with Transcranial Alternating Current Stimulation. Journal of Cognitive Neuroscience, 2020, 32, 1428-1437.	2.3	14
168	An oscillatory pipelining mechanism supporting previewing during visual exploration and reading. Trends in Cognitive Sciences, 2021, 25, 1033-1044.	7.8	14
169	Human Brain Oscillations: From Physiological Mechanisms to Analysis and Cognition. , 2014, , 359-403.		14
170	Distinct directional couplings between slow and fast gamma power to the phase of theta oscillations in the rat hippocampus. European Journal of Neuroscience, 2020, 51, 2070-2081.	2.6	13
171	Beyond ERPs:. , 2011, , .		12
172	Hemispheric Asymmetry of Globus Pallidus Relates to Alpha Modulation in Reward-Related Attentional Tasks. Journal of Neuroscience, 2019, 39, 9221-9236.	3.6	12
173	Native and non-native listeners show similar yet distinct oscillatory dynamics when using gestures to access speech in noise. NeuroImage, 2019, 194, 55-67.	4.2	12
174	New insights on the ventral attention network: Active suppression and involuntary recruitment during a bimodal task. Human Brain Mapping, 2021, 42, 1699-1713.	3.6	12
175	FLUX: A pipeline for MEG analysis. NeuroImage, 2022, 253, 119047.	4.2	12
176	Discovering recurring patterns in electrophysiological recordings. Journal of Neuroscience Methods, 2017, 275, 66-79.	2.5	11
177	Phasic modulation of visual representations during sustained attention. European Journal of Neuroscience, 2022, 55, 3191-3208.	2.6	11
178	Aberrant brain oscillatory coupling from the primary motor cortex in children with autism spectrum disorders. NeuroImage: Clinical, 2021, 29, 102560.	2.7	11
179	Spontaneous local alpha oscillations predict motionâ€induced blindness. European Journal of Neuroscience, 2014, 40, 3371-3379.	2.6	9
180	Spatiotemporal Dynamics of Cortical Representations during and after Stimulus Presentation. Frontiers in Systems Neuroscience, 2016, 10, 42.	2.5	9

#	Article	IF	Citations
181	Occipital Alpha and Gamma Oscillations Support Complementary Mechanisms for Processing Stimulus Value Associations. Journal of Cognitive Neuroscience, 2018, 30, 119-129.	2.3	9
182	Human Brain Oscillations: From Physiological Mechanisms to Analysis and Cognition. , 2019, , 471-517.		9
183	Sleep-Specific Processing of Auditory Stimuli Is Reflected by Alpha and Sigma Oscillations. Journal of Neuroscience, 2022, 42, 4711-4724.	3.6	9
184	Effortless Passive BCIs for Healthy Users. Lecture Notes in Computer Science, 2013, , 615-622.	1.3	8
185	Dual oscillations as the physiological basis for capacity limits. Behavioral and Brain Sciences, 2001, 24, 126-126.	0.7	7
186	Amplitude asymmetry as a mechanism for the generation of slow evoked responses. Clinical Neurophysiology, 2010, 121, 1148-1149.	1.5	7
187	Of cats and women: Temporal dynamics in the right temporoparietal cortex reflect auditory categorical processing of vocalizations. NeuroImage, 2012, 62, 1877-1883.	4.2	7
188	The visual cortex produces gamma band echo in response to broadband visual flicker. PLoS Computational Biology, 2021, 17, e1009046.	3.2	7
189	Dorsalâ€toâ€ventral imbalance in the superior longitudinal fasciculus mediates methylphenidateâ€™s effect on beta oscillations in ADHD. Psychophysiology, 2022, 59, e14008.	2.4	7
190	Decoding of task-relevant and task-irrelevant intracranial EEG representations. NeuroImage, 2016, 137, 132-139.	4.2	6
191	Modulation in alpha band activity reflects syntax composition: an MEG study of minimal syntactic binding. Cerebral Cortex, 2023, 33, 497-511.	2.9	6
192	Your ghetto, my comfort zone: a life-story analysis of inter-generational housing outcomes and residential geographies in urban south-east England. Identities, 2013, 20, 438-454.	1.2	5
193	Changes in neural network connectivity in mice brain following exposures to palatable food. Neuroscience Letters, 2020, 714, 134542.	2.1	5
194	Estimating Distributed Representations of Evoked Responses and Oscillatory Brain Activity. , 2010, , 156-185.		5
195	Human Brain Oscillations: From Physiological Mechanisms to Analysis and Cognition. , 2019, , 1-46.		4
196	Alpha modulation in younger and older adults during distracted encoding. European Journal of Neuroscience, 2022, 55, 3451-3464.	2.6	4
197	Academic Software Toolboxes for the Analysis of MEG Data. IFMBE Proceedings, 2010, , 101-104.	0.3	4
198	Turing structures and turbulence in a chemical reaction-diffusion system. Open Systems and Information Dynamics, 1995, 3, 215-235.	1.2	3

#	Article	IF	Citations
199	Toward a Physiologic Explanation of Behavioral Data on Human Memory: The Role of Theta-Gamma Oscillations and NMDAR-Dependent LTP. , 2000, , 195-223.		3
200	Isolating Action Prediction from Action Integration in the Perception of Social Interactions. Brain Sciences, 2022, 12, 432.	2.3	3
201	Identifying cortical sources of corticomuscle coherence during bimanual muscle contraction by temporal decorrelation. , 2003, , .		2
202	OUP accepted manuscript. Cerebral Cortex, 2022, , .	2.9	2
203	Semi-blind identification of movement-related magnetoencephalogram components using a classification approach. , 2008, 2008, 2618-21.		1
204	John Lisman (1944â€“2017). Neuron, 2017, 96, 961-963.	8.1	1
205	Superdiversity in the post-industrial city: a comparative analysis of backlash narratives in six European neighbourhoods. Policy and Politics, 2017, 45, 643-660.	2.4	1
206	Beta and gamma synchronous oscillations in neural network activity in mice-induced by food deprivation. Neuroscience Letters, 2019, 709, 134398.	2.1	1
207	19th biennial IPEG Meeting. Neuropsychiatric Electrophysiology, 2016, 2, .	4.1	0
208	Multiple visual objects are sampled sequentially. PLoS Biology, 2017, 15, e2003230.	5.6	0
209	Reply to â€œClinical practice guidelines or clinical research guidelines?â€• Clinical Neurophysiology, 2018, 129, 2056-2057.	1.5	0