Andreas Keil

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4341711/publications.pdf

Version: 2024-02-01

215 papers	10,570 citations	34016 52 h-index	38300 95 g-index
228 all docs	228 docs citations	228 times ranked	7972 citing authors

#	Article	IF	Citations
1	Large-scale neural correlates of affective picture processing. Psychophysiology, 2002, 39, 641-649.	1.2	557
2	Committee report: Publication guidelines and recommendations for studies using electroencephalography and magnetoencephalography. Psychophysiology, 2014, 51, 1-21.	1.2	485
3	Emotional Perception: Correlation of Functional MRI and Event-Related Potentials. Cerebral Cortex, 2006, 17, 1085-1091.	1.6	375
4	Human Gamma Band Activity and Perception of a Gestalt. Journal of Neuroscience, 1999, 19, 7152-7161.	1.7	352
5	Weighted-permutation entropy: A complexity measure for time series incorporating amplitude information. Physical Review E, 2013, 87, 022911.	0.8	331
6	Effects of emotional arousal in the cerebral hemispheres: a study of oscillatory brain activity and event-related potentials. Clinical Neurophysiology, 2001, 112, 2057-2068.	0.7	307
7	Neural Substrate of the Late Positive Potential in Emotional Processing. Journal of Neuroscience, 2012, 32, 14563-14572.	1.7	303
8	Selective visual-spatial attention alters induced gamma band responses in the human EEG. Clinical Neurophysiology, 1999, 110, 2074-2085.	0.7	301
9	Modulation of induced gamma band activity in the human EEG by attention and visual information processing. International Journal of Psychophysiology, 2000, 38, 283-299.	0.5	240
10	Processing of affective pictures modulates right-hemispheric gamma band EEG activity. Clinical Neurophysiology, 1999, 110, 1913-1920.	0.7	236
11	Identification Facilitation for Emotionally Arousing Verbs During the Attentional Blink.. Emotion, 2004, 4, 23-35.	1.5	221
12	Strategic automation of emotion regulation.. Journal of Personality and Social Psychology, 2009, 96, 11-31.	2.6	213
13	Modulation of the C1 Visual Event-related Component by Conditioned Stimuli: Evidence for Sensory Plasticity in Early Affective Perception. Cerebral Cortex, 2006, 16, 876-887.	1.6	201
14	Large-scale neural correlates of affective picture processing. Psychophysiology, 2002, 39, 641-9.	1.2	199
15	Neuronal Synchronization and Selective Color Processing in the Human Brain. Journal of Cognitive Neuroscience, 2004, 16, 503-522.	1.1	181
16	Emotional perception: Correspondence of early and late event-related potentials with cortical and subcortical functional MRI. Biological Psychology, 2013, 92, 513-519.	1.1	180
17	The Timing of Emotional Discrimination in Human Amygdala and Ventral Visual Cortex. Journal of Neuroscience, 2009, 29, 14864-14868.	1.7	148
18	Early modulation of visual perception by emotional arousal: Evidence from steady-state visual evoked brain potentials. Cognitive, Affective and Behavioral Neuroscience, 2003, 3, 195-206.	1.0	144

#	Article	IF	Citations
19	Additive Effects of Emotional Content and Spatial Selective Attention on Electrocortical Facilitation. Cerebral Cortex, 2005, 15, 1187-1197.	1.6	143
20	Modulation of Induced Gamma Band Responses in a Perceptual Learning Task in the Human EEG. Journal of Cognitive Neuroscience, 2002, 14, 732-744.	1.1	138
21	Reâ€entrant projections modulate visual cortex in affective perception: Evidence from Granger causality analysis. Human Brain Mapping, 2009, 30, 532-540.	1.9	136
22	Time Course of Competition for Visual Processing Resources between Emotional Pictures and Foreground Task. Cerebral Cortex, 2008, 18, 1892-1899.	1.6	120
23	Acquired fears reflected in cortical sensory processing: A review of electrophysiological studies of human classical conditioning. Psychophysiology, 2012, 49, 1230-1241.	1.2	120
24	Hypofunction of Right Temporoparietal Cortex During Emotional Arousal in Depression. Archives of General Psychiatry, 2008, 65, 532.	13.8	117
25	The dynamic allocation of attention to emotion: Simultaneous and independent evidence from the late positive potential and steady state visual evoked potentials. Biological Psychology, 2013, 92, 447-455.	1.1	112
26	Adaptation in human visual cortex as a mechanism for rapid discrimination of aversive stimuli. NeuroImage, 2007, 36, 472-479.	2.1	109
27	Functional correlates of macroscopic high-frequency brain activity in the human visual system. Neuroscience and Biobehavioral Reviews, 2001, 25, 527-534.	2.9	99
28	Neural mechanisms of evoked oscillations: Stability and interaction with transient events. Human Brain Mapping, 2007, 28, 1318-1333.	1.9	97
29	Changes in the sensitivity to appetitive and aversive arousal across adulthood.. Psychology and Aging, 2009, 24, 668-680.	1.4	96
30	Orienting and Emotional Perception: Facilitation, Attenuation, and Interference. Frontiers in Psychology, 2012, 3, 493.	1.1	93
31	Assessing the internal consistency of the eventâ€related potential: An example analysis. Psychophysiology, 2017, 54, 123-138.	1.2	92
32	Motivated attention in emotional picture processing is reflected by activity modulation in cortical attention networks. NeuroImage, 2004, 21, 954-964.	2.1	91
33	Modulation of induced gamma band responses and phase synchrony in a paired associate learning task in the human EEG. Neuroscience Letters, 2001, 316, 29-32.	1.0	83
34	Losing Neutrality: The Neural Basis of Impaired Emotional Control without Sleep. Journal of Neuroscience, 2015, 35, 13194-13205.	1.7	83
35	Large-scale neural correlates of affective picture processing. , 2002, 39, 641.		83
36	Steady-state visual evoked potentials reveal frontally-mediated working memory activity in humans. Neuroscience Letters, 2003, 342, 191-195.	1.0	81

#	Article	IF	Citations
37	Cross-modal attention capture by affective stimuli: Evidence from event-related potentials. Cognitive, Affective and Behavioral Neuroscience, 2007, 7, 18-24.	1.0	78
38	Sustained Preferential Processing of Social Threat Cues: Bias without Competition?. Journal of Cognitive Neuroscience, 2011, 23, 1973-1986.	1.1	77
39	Aversive learning shapes neuronal orientation tuning in human visual cortex. Nature Communications, 2015, 6, 7823.	5.8	73
40	High-frequency brain activity: perception or active memory?. Trends in Cognitive Sciences, 1999, 3, 250-252.	4.0	71
41	Comparison of data transformation procedures to enhance topographical accuracy in time-series analysis of the human EEG. Journal of Neuroscience Methods, 2002, 113, 111-122.	1.3	71
42	Steadyâ€štate visual evoked potentials as a research tool in social affective neuroscience. Psychophysiology, 2016, 53, 1763-1775.	1.2	71
43	Early cortical facilitation for emotionally arousing targets during the attentional blink. BMC Biology, 2006, 4, 23.	1.7	68
44	Fear but not awareness predicts enhanced sensory processing in fear conditioning. Psychophysiology, 2006, 43, 216-226.	1.2	68
45	Aberrant brain dynamics in schizophrenia: delayed buildup and prolonged decay of the visual steady-state response. Cognitive Brain Research, 2004, 18, 121-129.	3.3	66
46	Social vision: Sustained perceptual enhancement of affective facial cues in social anxiety. NeuroImage, 2011, 54, 1615-1624.	2.1	66
47	Large-scale neural correlates of developmental dyslexia. European Child and Adolescent Psychiatry, 2004, 13, 125-40.	2.8	65
48	Brain responses to repetitions of human and animal faces, inverted faces, and objects â€" An MEG study. Brain Research, 2007, 1184, 226-233.	1.1	63
49	Cortical activation during Pavlovian fear conditioning depends on heart rate response patterns: An MEG study. Cognitive Brain Research, 2005, 25, 459-471.	3.3	61
50	Electrocortical and electrodermal responses covary as a function of emotional arousal: A single-trial analysis. Psychophysiology, 2008, 45, 516-523.	1.2	60
51	Suppression of the auditory middle-latency response and evoked gamma-band response in a paired-click paradigm. Experimental Brain Research, 2001, 136, 474-479.	0.7	58
52	Fearful faces heighten the cortical representation of contextual threat. NeuroImage, 2014, 86, 317-325.	2.1	58
53	Lookâ€"donâ€™t look! How emotional pictures affect pro- and anti-saccades. Experimental Brain Research, 2008, 188, 215-222.	0.7	56
54	The Costs of Emotional Attention: Affective Processing Inhibits Subsequent Lexico-semantic Analysis. Journal of Cognitive Neuroscience, 2007, 19, 1932-1949.	1.1	52

#	Article	IF	Citations
55	#EEGManyLabs: Investigating the replicability of influential EEG experiments. Cortex, 2021, 144, 213-229.	1.1	52
56	Oscillatory brain activity in the alpha range is modulated by the content of wordâ€prompted mental imagery. Psychophysiology, 2015, 52, 727-735.	1.2	50
57	The influence of response competition on cerebral asymmetries for processing hierarchical stimuli revealed by ERP recordings. Experimental Brain Research, 2002, 144, 136-139.	0.7	45
58	The neural correlates of feature-based selective attention when viewing spatially and temporally overlapping images. Neuropsychologia, 2007, 45, 1393-1399.	0.7	45
59	Not What You Expect: Experience but not Expectancy Predicts Conditioned Responses in Human Visual and Supplementary Cortex. Cerebral Cortex, 2009, 19, 2803-2809.	1.6	45
60	Alpha-band activity reflects reduction of mental effort in a comparison task: A source space analysis. Brain Research, 2006, 1121, 117-127.	1.1	44
61	Competition effects of threatening faces in social anxiety.. Emotion, 2012, 12, 1050-1060.	1.5	44
62	The costs and benefits of processing emotional stimuli during rapid serial visual presentation. Cognition and Emotion, 2009, 23, 296-326.	1.2	43
63	Perceiving Threat In the Face of Safety: Excitation and Inhibition of Conditioned Fear in Human Visual Cortex. Journal of Neuroscience, 2013, 33, 72-78.	1.7	42
64	Recommendations and publication guidelines for studies using frequency domain and timeâ€frequency domain analyses of neural time series. Psychophysiology, 2022, 59, e14052.	1.2	42
65	Macroscopic brain dynamics during verbal and pictorial processing of affective stimuli. Progress in Brain Research, 2006, 156, 217-232.	0.9	41
66	Temporal Stability of High-Frequency Brain Oscillations in the Human EEG. Brain Topography, 2003, 16, 101-110.	0.8	39
67	Normal Electrocortical Facilitation But Abnormal Target Identification during Visual Sustained Attention in Schizophrenia. Journal of Neuroscience, 2008, 28, 13411-13418.	1.7	39
68	Effects of cross-modal selective attention on the sensory periphery: Cochlear sensitivity is altered by selective attention. Neuroscience, 2012, 223, 325-332.	1.1	38
69	Tagging cortical networks in emotion: A topographical analysis. Human Brain Mapping, 2012, 33, 2920-2931.	1.9	38
70	Converging Subjective and Psychophysiological Measures of Cognitive Load to Study the Effects of Instructorâ€Present Video. Mind, Brain, and Education, 2020, 14, 279-291.	0.9	38
71	Parallel processing of affective visual stimuli. Psychophysiology, 2009, 46, 200-208.	1.2	37
72	Reduced sensory oscillatory activity during rapid auditory processing as a correlate of language-learning impairment. Journal of Neurolinguistics, 2011, 24, 538-555.	0.5	37

#	Article	IF	Citations
73	Temporal Trade-Off Effects in Sustained Attention: Dynamics in Visual Cortex Predict the Target Detection Performance during Distraction. Journal of Neuroscience, 2011, 31, 7784-7790.	1.7	37
74	Timing the fearful brain: unspecific hypervigilance and spatial attention in early visual perception. Social Cognitive and Affective Neuroscience, 2014, 9, 723-729.	1.5	37
75	Attentional threat biases and their role in anxiety: A neurophysiological perspective. International Journal of Psychophysiology, 2020, 153, 148-158.	0.5	37
76	Cortical sources of the respiratory-related evoked potential. Respiratory Physiology and Neurobiology, 2010, 170, 198-201.	0.7	36
77	Multimodal Imaging Evidence for a Frontoparietal Modulation of Visual Cortex during the Selective Processing of Conditioned Threat. Journal of Cognitive Neuroscience, 2017, 29, 953-967.	1.1	36
78	Face-Evoked Steady-State Visual Potentials: Effects of Presentation Rate and Face Inversion. Frontiers in Human Neuroscience, 2012, 6, 316.	1.0	35
79	Early gamma oscillations during rapid auditory processing in children with a language-learning impairment: Changes in neural mass activity after training. Neuropsychologia, 2013, 51, 990-1001.	0.7	35
80	Feature selection in the human brain: Electrophysiological correlates of sensory enhancement and feature integration. Brain Research, 2010, 1313, 172-184.	1.1	34
81	The impact of emotion on respiratory-related evoked potentials. Psychophysiology, 2010, 47, 579-586.	1.2	33
82	The biological role of the medial olivocochlear efferents in hearing: separating evolved function from exaptation. Frontiers in Systems Neuroscience, 2015, 9, 12.	1.2	33
83	Human large-scale oscillatory brain activity during an operant shaping procedure. Cognitive Brain Research, 2001, 12, 397-407.	3.3	32
84	Acquisition of affective dispositions in dementia patients. Neuropsychologia, 2006, 44, 2366-2373.	0.7	30
85	Cognitive Task Demands Modulate the Sensitivity of the Human Cochlea. Frontiers in Psychology, 2012, 3, 30.	1.1	30
86	Face Perception in Social Anxiety: Visuocortical Dynamics Reveal Propensities for Hypervigilance or Avoidance. Biological Psychiatry, 2018, 83, 618-628.	0.7	30
87	The malleability of emotional perception: Short-term plasticity in retinotopic neurons accompanies the formation of perceptual biases to threat.. Journal of Experimental Psychology: General, 2017, 146, 464-471.	1.5	29
88	Repetition Suppression of Induced Gamma Activity Predicts Enhanced Orienting toward a Novel Stimulus in 6-month-old Infants. Journal of Cognitive Neuroscience, 2008, 20, 2137-2152.	1.1	28
89	Different time course of visuocortical signal changes to fear-conditioned faces with direct or averted gaze: A ssVEP study with single-trial analysis. Neuropsychologia, 2014, 62, 101-110.	0.7	28
90	Reliability of eventâ€related <scp>EEG</scp> functional connectivity during visual entrainment: Magnitude squared coherence and phase synchrony estimates. Psychophysiology, 2015, 52, 81-89.	1.2	28

#	Article	IF	Citations
91	Amygdala Adaptation and Temporal Dynamics of the Salience Network in Conditioned Fear: A Single-Trial fMRI Study. ENeuro, 2018, 5, ENEURO.0445-17.2018.	0.9	27
92	Increasing Neuroplasticity to Bolster Chronic Pain Treatment: AÂRole for Intermittent Fasting and Glucose Administration?. Journal of Pain, 2016, 17, 275-281.	0.7	26
93	The developmental time course and topographic distribution of individual-level monkey face discrimination in the infant brain. Neuropsychologia, 2018, 108, 25-31.	0.7	25
94	Luminance, but not chromatic visual pathways, mediate amplification of conditioned danger signals in human visual cortex. European Journal of Neuroscience, 2013, 38, 3356-3362.	1.2	24
95	Interaural attention modulates outer hair cell function. European Journal of Neuroscience, 2014, 40, 3785-3792.	1.2	24
96	Snake fearfulness is associated with sustained competitive biases to visual snake features: Hypervigilance without avoidance. Psychiatry Research, 2014, 219, 329-335.	1.7	24
97	Introduction to the special issue on recentering science: Replication, robustness, and reproducibility in psychophysiology. Psychophysiology, 2017, 54, 3-5.	1.2	24
98	What does the dotâ€probe task measure? A reverse correlation analysis of electrocortical activity. Psychophysiology, 2018, 55, e13058.	1.2	24
99	High resolution EEG indicators of pain responses in relation to hypnotic susceptibility and suggestion. Biological Psychology, 2002, 60, 17-36.	1.1	23
100	Quantifying Cognitive State From EEG Using Dependence Measures. IEEE Transactions on Biomedical Engineering, 2012, 59, 2773-2781.	2.5	23
101	Visuocortical changes during delay and trace aversive conditioning: Evidence from steady-state visual evoked potentials.. Emotion, 2013, 13, 554-561.	1.5	23
102	Single-trial P300 estimation with a spatiotemporal filtering method. Journal of Neuroscience Methods, 2009, 177, 488-496.	1.3	22
103	Escape from harm: linking affective vision and motor responses during active avoidance. Social Cognitive and Affective Neuroscience, 2014, 9, 1993-2000.	1.5	21
104	Shedding light on emotional perception: Interaction of brightness and semantic content in extrastriate visual cortex. NeuroImage, 2016, 133, 341-353.	2.1	21
105	Social aversive generalization learning sharpens the tuning of visuocortical neurons to facial identity cues. ELife, 2020, 9, .	2.8	21
106	Effects of classical conditioning on identification and cortical processing of speech syllables. Experimental Brain Research, 2006, 175, 411-424.	0.7	20
107	Prolonged reduction of electrocortical activity predicts correct performance during rapid serial visual processing. Psychophysiology, 2009, 46, 718-725.	1.2	20
108	Open science in psychophysiology: An overview of challenges and emerging solutions. International Journal of Psychophysiology, 2021, 162, 69-78.	0.5	20

#	Article	IF	Citations
109	Defensive engagement and perceptual enhancement. Neuropsychologia, 2010, 48, 3580-3584.	0.7	19
110	The neural signature of extracting emotional content from rapid visual streams at multiple presentation rates: A crossâ€laboratory study. Psychophysiology, 2018, 55, e13222.	1.2	19
111	Imaging in the fourth dimension. Nature, 2000, 404, 29-31.	13.7	18
112	Differential classical conditioning selectively heightens response gain of neural population activity in human visual cortex. Psychophysiology, 2014, 51, 1185-1194.	1.2	17
113	Pre-target oscillatory brain activity and the attentional blink. Experimental Brain Research, 2015, 233, 3583-3595.	0.7	17
114	Decoding Neural Representations of Affective Scenes in Retinotopic Visual Cortex. Cerebral Cortex, 2021, 31, 3047-3063.	1.6	17
115	Relation of Accelerometer and EMG Recordings for the Measurement of Upper Extremity Movement. Journal of Psychophysiology, 1999, 13, 77-82.	0.3	17
116	Dynamical aspects of motor and perceptual processes in schizophrenic patients and healthy controls. Schizophrenia Research, 1998, 33, 169-178.	1.1	16
117	Selective Processing of Multiple Features in the Human Brain: Effects of Feature Type and Salience. PLoS ONE, 2011, 6, e16824.	1.1	16
118	Electrocortical amplification for emotionally arousing natural scenes: The contribution of luminance and chromatic visual channels. Biological Psychology, 2015, 106, 11-17.	1.1	16
119	Effects of Experience on Spatial Frequency Tuning in the Visual System: Behavioral, Visuocortical, and Alpha-band Responses. Journal of Cognitive Neuroscience, 2020, 32, 1153-1169.	1.1	16
120	One set of sounds, two tonotopic maps: exploring auditory cortex with amplitude-modulated tones. Clinical Neurophysiology, 2004, 115, 1249-1258.	0.7	15
121	Stroop matching task: role of feature selection and temporal modulation. Experimental Brain Research, 2011, 208, 595-605.	0.7	14
122	Effects of emotional conditioning on early visual processing: Temporal dynamics revealed by ERP singleâ€trial analysis. Human Brain Mapping, 2012, 33, 909-919.	1.9	14
123	Assessing the relationship between pupil diameter and visuocortical activity. Journal of Vision, 2018, 18, 7.	0.1	14
124	Fear conditioning prompts sparser representations of conditioned threat in primary visual cortex. Social Cognitive and Affective Neuroscience, 2020, 15, 950-964.	1.5	14
125	Decoupling light reflex from pupillary dilation to measure emotional arousal in videos. , 2016, , .		13
126	Selection of Visual Objects in Perception and Working Memory One at a Time. Psychological Science, 2019, 30, 1259-1272.	1.8	13

#	Article	IF	Citations
127	Mapping the brain's orchestration during speech comprehension: task-specific facilitation of regional synchrony in neural networks. BMC Neuroscience, 2004, 5, 40.	0.8	12
128	Developmental Trajectories of Regulating Attentional Selection Over Time. Frontiers in Psychology, 2012, 3, 277.	1.1	12
129	Accelerative and decelerative effects of hedonic valence and emotional arousal during visual scene processing. Quarterly Journal of Experimental Psychology, 2013, 66, 1276-1301.	0.6	12
130	Affective engagement and subsequent visual processing: Effects of contrast and spatial frequency.. Emotion, 2013, 13, 748-757.	1.5	12
131	Extent and timeâ€course of competition in visual cortex between emotionally arousing distractors and a concurrent task. European Journal of Neuroscience, 2016, 43, 961-970.	1.2	12
132	Investigating the Effects of Modality and Multimedia on the Learning Performance of College Students With Dyslexia. Journal of Special Education Technology, 2018, 33, 182-193.	1.4	12
133	Biometric Recognition Through Eye Movements Using a Recurrent Neural Network. , 2018, , .		12
134	How the visual brain detects emotional changes in facial expressions: Evidence from driven and intrinsic brain oscillations. Cortex, 2019, 111, 35-50.	1.1	12
135	Visuocortical tuning to a threat-related feature persists after extinction and consolidation of conditioned fear. Scientific Reports, 2020, 10, 3926.	1.6	12
136	The FreqTag toolbox: A principled approach to analyzing electrophysiological time series in frequency tagging paradigms. Developmental Cognitive Neuroscience, 2022, 54, 101066.	1.9	12
137	Steady-state visual evoked potentials differentiate between internally and externally directed attention. NeuroImage, 2022, 254, 119133.	2.1	12
138	Competition for Cognitive Resources During Rapid Serial Processing: Changes Across Childhood. Frontiers in Psychology, 2011, 2, 9.	1.1	11
139	Largeâ€scale functional brain connectivity during emotional engagement as revealed by betaâ€series correlation analysis. Psychophysiology, 2016, 53, 1627-1638.	1.2	11
140	Functional Source Separation for EEG-fMRI Fusion: Application to Steady-State Visual Evoked Potentials. Frontiers in Neurorobotics, 2019, 13, 24.	1.6	11
141	Functional Connectivity in Frequency-Tagged Cortical Networks During Active Harm Avoidance. Brain Connectivity, 2015, 5, 292-302.	0.8	10
142	The role of the COMT val158met polymorphism in mediating aversive learning in visual cortex. NeuroImage, 2016, 125, 633-642.	2.1	10
143	Sleepless and desynchronized: Impaired inter trial phase coherence of steady-state potentials following sleep deprivation. NeuroImage, 2019, 202, 116055.	2.1	10
144	Respiratory-related evoked potential measurements using high-density electroencephalography. Clinical Neurophysiology, 2011, 122, 815-818.	0.7	9

#	Article	IF	Citations
145	Grima: A Distinct Emotion Concept?. Frontiers in Psychology, 2017, 08, 131.	1.1	9
146	Extinction-resistant attention to long-term conditioned threat is indexed by selective visuocortical alpha suppression in humans. Scientific Reports, 2019, 9, 15809.	1.6	9
147	No Effects of Neurofeedback of Beta Band Components on Reaction Time Performance. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2019, 3, 251-260.	0.8	9
148	Electro- and Magneto-Encephalography in the Study of Emotion. , 2013, , 107-132.		9
149	Sustained versus transient brain responses in schizophrenia: the role of intrinsic neural activity. Schizophrenia Research, 2011, 133, 106-111.	1.1	8
150	Robust EEG preprocessing for dependence-based condition discrimination. , 2011, 2011, 1407-10.		8
151	Out of mind, out of heart: Attention affects duration of emotional experience. Cognition and Emotion, 2013, 27, 549-557.	1.2	8
152	Changes in Oscillatory Brain Networks after Lexical Tone Training. Brain Sciences, 2013, 3, 757-780.	1.1	8
153	Responding to emotional scenes: effects of response outcome and picture repetition on reaction times and the late positive potential. Cognition and Emotion, 2018, 32, 24-36.	1.2	8
154	Attention to a threatâ€related feature does not interfere with concurrent attentive feature selection. Psychophysiology, 2019, 56, e13332.	1.2	8
155	Pre-target alpha power predicts the speed of cued target discrimination. NeuroImage, 2019, 189, 878-885.	2.1	8
156	Sympathetic responding to unconditioned stimuli predicts subsequent threat expectancy, orienting, and visuocortical bias in human aversive Pavlovian conditioning. Biological Psychology, 2019, 140, 64-74.	1.1	8
157	Re-test reliability and internal consistency of EEG alpha-band oscillations in older adults with chronic knee pain. Clinical Neurophysiology, 2020, 131, 2630-2640.	0.7	8
158	Effects of load and emotional state on EEG alpha-band power and inter-site synchrony during a visual working memory task. Cognitive, Affective and Behavioral Neuroscience, 2020, 20, 1122-1132.	1.0	8
159	Early adolescents show sustained susceptibility to cognitive interference by emotional distractors. Cognition and Emotion, 2013, 27, 696-706.	1.2	7
160	Predicting visual attention using gamma kernels. , 2016, , .		7
161	Aversive Conditioning of Spatial Position Sharpens Neural Population-Level Tuning in Visual Cortex and Selectively Alters Alpha-Band Activity. Journal of Neuroscience, 2021, 41, 5723-5733.	1.7	7
162	Optimizing Chronic Pain Treatment with Enhanced Neuroplastic Responsiveness: A Pilot Randomized Controlled Trial. Nutrients, 2021, 13, 1556.	1.7	7

#	Article	IF	Citations
163	An Association Framework to Analyze Dependence Structure in Time Series. , 2012, 2012, 6176-9.		6
164	Affective Learning and Psychophysiological Reactivity in Dementia Patients. International Journal of Alzheimer's Disease, 2012, 2012, 1-9.	1.1	6
165	Tracking the attentional blink profile: a cross-sectional study from childhood to adolescence. Psychological Research, 2015, 79, 19-27.	1.0	6
166	Oscillatory brain activity differentially reflects false belief understanding and complementation syntax processing. Cognitive, Affective and Behavioral Neuroscience, 2018, 18, 189-201.	1.0	6
167	Cross multivariate correlation coefficients as screening tool for analysis of concurrent EEGâ€fMRI recordings. Journal of Neuroscience Research, 2018, 96, 1159-1175.	1.3	6
168	A registered report format for Psychophysiology. Psychophysiology, 2020, 57, .	1.2	6
169	The Role of Human Prefrontal Cortex in Motivated Perception and Behavior: A Macroscopic Perspective. , 2004, , 245-267.		6
170	Open science in human electrophysiology. International Journal of Psychophysiology, 2022, 174, 43-46.	0.5	6
171	Analyzing dependence structure of the human brain in response to visual stimuli. , 2012, , .		5
172	No intermodal interference effects of threatening information during concurrent audiovisual stimulation. Neuropsychologia, 2020, 136, 107283.	0.7	5
173	Effects of affective content and motivational context on neural gain functions during naturalistic scene perception. European Journal of Neuroscience, 2021, 53, 3323-3340.	1.2	5
174	Oscillatory brain activity links experience to expectancy during associative learning. Psychophysiology, 2022, 59, e13946.	1.2	5
175	Oscillatory Dynamics in Widespread Cortical Networks During Feature-Based Attention: Coupling Across and Between Frequencies. Journal of Vision, 2018, 18, 14.	0.1	5
176	Human Emotions. , 2015, , 23-44.		4
177	Quantification of neural functional connectivity during an active avoidance task. , 2016, 2016, 708-711.		4
178	Quantifying Intermodal Distraction by Emotion During Math Performance: An Electrophysiological Approach. Frontiers in Psychology, 2019, 10, 439.	1.1	4
179	Hidden wounds of violence: Abnormal motor oscillatory brain activity is related to posttraumatic stress symptoms. NeuroImage, 2021, 224, 117404.	2.1	4
180	Phase-Synchronized Stimulus Presentation Augments Contingency Knowledge and Affective Evaluation in a Fear-Conditioning Task. ENeuro, 2022, 9, ENEURO.0538-20.2021.	0.9	4

#	Article	IF	Citations
181	Distraction by emotion in early adolescence: affective facilitation and interference during the attentional blink. Frontiers in Psychology, 2013, 4, 580.	1.1	3
182	Electrophysiological dynamics of visuocortical processing in hoarding disorder. Psychophysiology, 2021, 58, e13711.	1.2	3
183	Adult age-related differences in appetitive and aversive associative learning.. Emotion, 2021, 21, 1239-1251.	1.5	3
184	Functional dependence in the human brain: A graph theoretical analysis. , 2013, 2013, 2948-51.		2
185	Chronic Pain and Perceived Stress. , 2016, , 413-421.		2
186	Relating BOLD and ssVEPs during visual aversive conditioning using concurrent EEG-fMRI recordings. Journal of Vision, 2015, 15, 457.	0.1	2
187	Visuo-Motor Affective Interplay: Bonding Scenes Promote Implicit Motor Pre-dispositions Associated With Social Groomingâ€“A Pilot Study. Frontiers in Psychology, 2022, 13, 817699.	1.1	2
188	The Relationship Between Self-Reported Misophonia Symptoms and Auditory Aversive Generalization Leaning: A Preliminary Report. Frontiers in Neuroscience, 0, 16, .	1.4	2
189	Estimation of instantaneous power in the EEG to assess brain connectivity with high temporal resolution. , 2009, 2009, 332-5.		1
190	Quantifying cognitive state from EEG using phase synchrony. , 2013, 2013, 5809-12.		1
191	Directed generalized measure of association: A data driven approach towards causal inference. , 2015, , .		1
192	A novel methodology to quantify dense EEG in cognitive tasks. , 2017, , .		1
193	Too Much Information, Too Little Time: How the Brain Separates Important from Unimportant Things in Our Fast-Paced Media World. Frontiers for Young Minds, 2017, 5, .	0.8	1
194	Single-session label training alters neural competition between objects and faces.. Journal of Experimental Psychology: Human Perception and Performance, 2021, 47, 387-401.	0.7	1
195	Adaptive Changes in the Visuocortical Contrast Response to Spatial Frequency Stimuli: Dissociation Between Alpha-band Power and Driven Oscillations.. Journal of Vision, 2019, 19, 184.	0.1	1
196	A self-learning cognitive architecture exploiting causality from rewards. Neural Networks, 2022, 150, 274-292.	3.3	1
197	Introduction to the special issue of human oscillatory brain activity: Methods, models, and mechanisms. Psychophysiology, 2022, 59, e14038.	1.2	1
198	Physiological units and behavioral elements: Dynamic brains relate to dynamic behavior. Behavioral and Brain Sciences, 2000, 23, 406-407.	0.4	0

#	Article	IF	Citations
199	Long-term scalp epileptic EEG quantification with GMA dynamics. , 2015, 2015, 2892-5.		0
200	Electrophysiological dynamics of false belief understanding and complementation syntax in school-aged children: Oscillatory brain activity and event-related potentials. Journal of Experimental Child Psychology, 2020, 198, 104905.	0.7	0
201	PROSPECTS AND DILEMMAS IN EMOTION PSYCHOLOGY. Psychologia, 2010, 53, 139-150.	0.3	0
202	Visuocortical changes during discriminant aversive conditioning: Effects of inter-individual differences in contingency awareness and autonomic engagement. Journal of Vision, 2015, 15, 1343.	0.1	0
203	Involvement of visual cortex in a visual working memory task: Evidence from steady-state visual potential frequency tagging. Journal of Vision, 2015, 15, 296.	0.1	0
204	Neurophysiological mechanisms of experience-dependent perceptual biases using concurrent EEG-fMRI recordings. Journal of Vision, 2016, 16, 1094.	0.1	0
205	Oscillatory neural interactions in the alpha-gamma range predict successful eye-movements in a visual search task. Journal of Vision, 2016, 16, 107.	0.1	0
206	Quantifying the relation between pupil size and electrophysiological engagement of visual cortex. Journal of Vision, 2017, 17, 126.	0.1	0
207	No competition between simultaneous task cues and threat cues in visual cortex. Journal of Vision, 2018, 18, 1255.	0.1	0
208	Occipital alpha changes in response to label-learning during infancy. Journal of Vision, 2019, 19, 117c.	0.1	0
209	EEG and fMRI Decoding of Emotional States: Temporal Dynamics and Neural Substrate. Journal of Vision, 2019, 19, 285.	0.1	0
210	Post-stimulus, but not pre-stimulus alpha power changes track visual associative learning.. Journal of Vision, 2019, 19, 272c.	0.1	0
211	Single-session expertise training leads to competition between object and face representations in visuo-cortical processing. Journal of Vision, 2019, 19, 184c.	0.1	0
212	Defining the locus of adaptive changes in visual cortex during associative learning. Journal of Vision, 2019, 19, 36c.	0.1	0
213	Distracted by affective pictures: Neural mechanisms revealed by multivariate pattern analysis. Journal of Vision, 2020, 20, 528.	0.1	0
214	Gabors in Bad Places: Early Visuocortical Population Responses to Aversive Spatial Conditioning. Journal of Vision, 2020, 20, 1170.	0.1	0
215	Abnormal Visual Evoked Responses to Emotional Cues Correspond to Diagnosis and Disease Severity in Fibromyalgia. Frontiers in Behavioral Neuroscience, 2022, 16, .	1.0	0