

Gabriele Gratton

List of Publications by Year in descending order

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Version: 2024-02-01

163
papers

18,824
citations

23500

58
h-index

12233

133
g-index

173
all docs

173
docs citations

173
times ranked

14879
citing authors

#	ARTICLE	IF	CITATIONS
1	A new method for off-line removal of ocular artifact. <i>Electroencephalography and Clinical Neurophysiology</i> , 1983, 55, 468-484.	0.3	4,501
2	Optimizing the use of information: Strategic control of activation of responses.. <i>Journal of Experimental Psychology: General</i> , 1992, 121, 480-506.	1.5	1,299
3	To See or Not to See: Prestimulus \hat{I} Phase Predicts Visual Awareness. <i>Journal of Neuroscience</i> , 2009, 29, 2725-2732.	1.7	886
4	The effects of video game playing on attention, memory, and executive control. <i>Acta Psychologica</i> , 2008, 129, 387-398.	0.7	725
5	Pre- and poststimulus activation of response channels: A psychophysiological analysis.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1988, 14, 331-344.	0.7	659
6	A psychophysiological investigation of the continuous flow model of human information processing.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1985, 11, 529-553.	0.7	529
7	Committee report: Publication guidelines and recommendations for studies using electroencephalography and magnetoencephalography. <i>Psychophysiology</i> , 2014, 51, 1-21.	1.2	485
8	In search of the point of no return: The control of response processes.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1990, 16, 164-182.	0.7	442
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	Span, CRUNCH, and Beyond: Working Memory Capacity and the Aging Brain. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 655-669.	1.1	342
11	Battery-free, stretchable optoelectronic systems for wireless optical characterization of the skin. <i>Science Advances</i> , 2016, 2, e1600418.	4.7	336
12	Strategic control and medial frontal negativity: Beyond errors and response conflict. <i>Psychophysiology</i> , 2005, 42, 33-42.	1.2	333
13	Rugged and breathable forms of stretchable electronics with adherent composite substrates for transcutaneous monitoring. <i>Nature Communications</i> , 2014, 5, 4779.	5.8	309
14	Large-area MRI-compatible epidermal electronic interfaces for prosthetic control and cognitive monitoring. <i>Nature Biomedical Engineering</i> , 2019, 3, 194-205.	11.6	253
15	Miniaturized Battery-Free Wireless Systems for Wearable Pulse Oximetry. <i>Advanced Functional Materials</i> , 2017, 27, 1604373.	7.8	248
16	Detecting early communication: Using measures of movement-related potentials to illuminate human information processing. <i>Biological Psychology</i> , 1988, 26, 69-89.	1.1	225
17	Shades of gray matter: Noninvasive optical images of human brain responses during visual stimulation. <i>Psychophysiology</i> , 1995, 32, 505-509.	1.2	212
18	Making Waves in the Stream of Consciousness: Entraining Oscillations in EEG Alpha and Fluctuations in Visual Awareness with Rhythmic Visual Stimulation. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 2321-2333.	1.1	203

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19	Neurovascular coupling in normal aging: A combined optical, ERP and fMRI study. <i>NeuroImage</i> , 2014, 85, 592-607.	2.1	178
20	Probability effects on stimulus evaluation and response processes.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1992, 18, 198-216.	0.7	160
21	Combining structural and functional neuroimaging data for studying brain connectivity: A review. <i>Psychophysiology</i> , 2008, 45, 173-187.	1.2	154
22	Measurements of scattering and absorption changes in muscle and brain. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1997, 352, 727-735.	1.8	153
23	Rescuing stimuli from invisibility: Inducing a momentary release from visual masking with pre-target entrainment. <i>Cognition</i> , 2010, 115, 186-191.	1.1	150
24	Dynamics of cognitive control: Theoretical bases, paradigms, and a view for the future. <i>Psychophysiology</i> , 2018, 55, e13016.	1.2	149
25	A Psychophysiological Examination of Cognitive Processing of and Affective Responses to Social Expectancy Violations. <i>Psychological Science</i> , 2001, 12, 197-204.	1.8	142
26	Neuroanatomical correlates of aging, cardiopulmonary fitness level, and education. <i>Psychophysiology</i> , 2008, 45, 825-838.	1.2	140
27	Removing the heart from the brain: Compensation for the pulse artifact in the photon migration signal. <i>Psychophysiology</i> , 1995, 32, 292-299.	1.2	138
28	Validation of a method for coregistering scalp recording locations with 3D structural MR images. <i>Human Brain Mapping</i> , 2008, 29, 1288-1301.	1.9	130
29	Effects of measurement method, wavelength, and source-detector distance on the fast optical signal. <i>NeuroImage</i> , 2006, 32, 1576-1590.	2.1	125
30	Feasibility of intracranial near-infrared optical scanning. <i>Psychophysiology</i> , 1994, 31, 211-215.	1.2	124
31	Striatal Volume Predicts Level of Video Game Skill Acquisition. <i>Cerebral Cortex</i> , 2010, 20, 2522-2530.	1.6	123
32	Shedding light on brain function: the event-related optical signal. <i>Trends in Cognitive Sciences</i> , 2001, 5, 357-363.	4.0	122
33	Fast and Localized Event-Related Optical Signals (EROS) in the Human Occipital Cortex: Comparisons with the Visual Evoked Potential and fMRI. <i>NeuroImage</i> , 1997, 6, 168-180.	2.1	117
34	Dealing with artifacts: The EOG contamination of the event-related brain potential. <i>Behavior Research Methods</i> , 1998, 30, 44-53.	1.3	109
35	Reduced Suppression or Labile Memory? Mechanisms of Inefficient Filtering of Irrelevant Information in Older Adults. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 637-650.	1.1	108
36	A kurtosis-based wavelet algorithm for motion artifact correction of fNIRS data. <i>NeuroImage</i> , 2015, 112, 128-137.	2.1	107

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37	Event-Related Brain Potentials: Methods, Theory, and Applications. , 0, , 85-119.		107
38	Hemispheric Organization of Visual Memories. <i>Journal of Cognitive Neuroscience</i> , 1997, 9, 92-104.	1.1	106
39	Event-related brain potentials as indices of information extraction and response priming. <i>Electroencephalography and Clinical Neurophysiology</i> , 1990, 75, 419-432.	0.3	105
40	When in Doubt, Do it Both Ways: Brain Evidence of the Simultaneous Activation of Conflicting Motor Responses in a Spatial Stroop Task. <i>Journal of Cognitive Neuroscience</i> , 2001, 13, 523-536.	1.1	105
41	Comparison of neuronal and hemodynamic measures of the brain response to visual stimulation: An optical imaging study. <i>Human Brain Mapping</i> , 2001, 13, 13-25.	1.9	98
42	Rapid Changes of Optical Parameters in the Human Brain During a Tapping Task. <i>Journal of Cognitive Neuroscience</i> , 1995, 7, 446-456.	1.1	97
43	Effects of alcohol consumption and alcohol susceptibility on cognition: a psychophysiological examination. <i>Biological Psychology</i> , 2003, 64, 167-190.	1.1	92
44	Independent control of processing strategies for different locations in the visual field. <i>Biological Psychology</i> , 2003, 64, 191-209.	1.1	92
45	RAPID COMMUNICATION Scalp-Recorded Optical Signals Make Sound Processing in the Auditory Cortex Visible?. <i>NeuroImage</i> , 1999, 10, 620-624.	2.1	90
46	Effects of training strategies implemented in a complex videogame on functional connectivity of attentional networks. <i>NeuroImage</i> , 2012, 59, 138-148.	2.1	85
47	Imaging cortical dynamics of language processing with the event-related optical signal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17157-17162.	3.3	81
48	The training of complex task performance. <i>Acta Psychologica</i> , 1989, 71, 259-299.	0.7	80
49	Transfer of skill engendered by complex task training under conditions of variable priority. <i>Acta Psychologica</i> , 2010, 135, 349-357.	0.7	78
50	The event-related optical signal (EROS) in visual cortex: Replicability, consistency, localization, and resolution. <i>Psychophysiology</i> , 2003, 40, 561-571.	1.2	77
51	Different slopes for different folks: Alpha and delta <scp>EEG</scp> power predict subsequent video game learning rate and improvements in cognitive control tasks. <i>Psychophysiology</i> , 2012, 49, 1558-1570.	1.2	74
52	Cardiorespiratory fitness mediates the effects of aging on cerebral blood flow. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 59.	1.7	73
53	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
54	Fast optical imaging of human brain function. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 52.	1.0	68

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55	Videogame training strategy-induced change in brain function during a complex visuomotor task. Behavioural Brain Research, 2012, 232, 348-357.	1.2	67
56	Toward Noninvasive 3-D Imaging of the Time Course of Cortical Activity: Investigation of the Depth of the Event-Related Optical Signal. NeuroImage, 2000, 11, 491-504.	2.1	66
57	Latent inhibition mediates N1 attenuation to repeating sounds. Psychophysiology, 2004, 41, 636-642.	1.2	66
58	Dynamics of Alpha Control: Preparatory Suppression of Posterior Alpha Oscillations by Frontal Modulators Revealed with Combined EEG and Event-related Optical Signal. Journal of Cognitive Neuroscience, 2014, 26, 2400-2415.	1.1	65
59	The event-related optical signal: a new tool for studying brain function. International Journal of Psychophysiology, 2001, 42, 109-121.	0.5	64
60	Taking the pulse of aging: Mapping pulse pressure and elasticity in cerebral arteries with optical methods. Psychophysiology, 2014, 51, 1072-1088.	1.2	63
61	Removal of high frequency contamination from motion estimates in single-band fMRI saves data without biasing functional connectivity. NeuroImage, 2020, 217, 116866.	2.1	62
62	Effects of alcohol on person perception: A social cognitive neuroscience approach.. Journal of Personality and Social Psychology, 2003, 85, 627-638.	2.6	60
63	Performance gains from directed training do not transfer to untrained tasks. Acta Psychologica, 2012, 139, 146-158.	0.7	60
64	Attention and probability effects in the human occipital cortex. NeuroReport, 1997, 8, 1749-1753.	0.6	57
65	Dynamic brain imaging: Event-related optical signal (EROS) measures of the time course and localization of cognitive-related activity. Psychonomic Bulletin and Review, 1998, 5, 535-563.	1.4	57
66	Near-infrared spectroscopy as an alternative to the Wada test for language mapping in children, adults and special populations. Epileptic Disorders, 2007, 9, 241-255.	0.7	56
67	The contralateral organization of visual memory: A theoretical concept and a research tool. Psychophysiology, 1998, 35, 638-647.	1.2	55
68	A wireless, skin-interfaced biosensor for cerebral hemodynamic monitoring in pediatric care. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31674-31684.	3.3	55
69	Age-related changes in cerebrovascular health and their effects on neural function and cognition: A comprehensive review. Psychophysiology, 2021, 58, e13796.	1.2	51
70	Brain reflections: A circuit-based framework for understanding information processing and cognitive control. Psychophysiology, 2018, 55, e13038.	1.2	50
71	Dietary flavanols improve cerebral cortical oxygenation and cognition in healthy adults. Scientific Reports, 2020, 10, 19409.	1.6	48
72	Recommendations and publication guidelines for studies using frequency domain and time-frequency domain analyses of neural time series. Psychophysiology, 2022, 59, e14052.	1.2	42

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73	A Procedure for Using Multi-Electrode Information in the Analysis of Components of the Event-Related Potential: Vector Filter. <i>Psychophysiology</i> , 1989, 26, 222-232.	1.2	41
74	Lagged covariance structure models for studying functional connectivity in the brain. <i>NeuroImage</i> , 2006, 30, 1203-1218.	2.1	40
75	Predicting Individuals' Learning Success from Patterns of Pre-Learning MRI Activity. <i>PLoS ONE</i> , 2011, 6, e16093.	1.1	40
76	Simulation Studies of Latency Measures of Components of the Event-Related Brain Potential. <i>Psychophysiology</i> , 1989, 26, 233-248.	1.2	39
77	Share or compete? Load-dependent recruitment of prefrontal cortex during dual-task performance. <i>Psychophysiology</i> , 2009, 46, 1069-1079.	1.2	37
78	Combining energy and Laplacian regularization to accurately retrieve the depth of brain activity of diffuse optical tomographic data. <i>Journal of Biomedical Optics</i> , 2016, 21, 036008.	1.4	35
79	Memory-driven processing in human medial occipital cortex: An event-related optical signal (EROS) study. <i>Psychophysiology</i> , 1998, 35, 348-351.	1.2	34
80	The event-related optical signal to electrical stimulation of the median nerve. <i>NeuroImage</i> , 2004, 21, 1798-1804.	2.1	34
81	Mapping cerebral pulse pressure and arterial compliance over the adult lifespan with optical imaging. <i>PLoS ONE</i> , 2017, 12, e0171305.	1.1	33
82	Does White Matter Matter? Spatio-temporal Dynamics of Task Switching in Aging. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 1380-1395.	1.1	32
83	Comparison of procedures for co-registering scalp-recording locations to anatomical magnetic resonance images. <i>Journal of Biomedical Optics</i> , 2015, 20, 016009.	1.4	32
84	Seeing right through you: Applications of optical imaging to the study of the human brain. <i>Psychophysiology</i> , 2003, 40, 487-491.	1.2	31
85	Sensory ERPs predict differences in working memory span and fluid intelligence. <i>NeuroReport</i> , 2004, 15, 373-376.	0.6	31
86	Fast optical imaging of frontal cortex during active and passive oddball tasks. <i>Psychophysiology</i> , 2006, 43, 127-136.	1.2	31
87	Spontaneous Alpha and Theta Oscillations Are Related to Complementary Aspects of Cognitive Control in Younger and Older Adults. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 621620.	1.0	31
88	Putting Things into Perspective. <i>Experimental Psychology</i> , 2005, 52, 21-30.	0.3	30
89	Examining cortical dynamics and connectivity with simultaneous single-pulse transcranial magnetic stimulation and fast optical imaging. <i>NeuroImage</i> , 2012, 59, 2504-2510.	2.1	30
90	Age-Related Changes in Electrophysiological and Neuropsychological Indices of Working Memory, Attention Control, and Cognitive Flexibility. <i>Frontiers in Psychology</i> , 2011, 2, 190.	1.1	29

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91	Comparing Aging and Fitness Effects on Brain Anatomy. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 286.	1.0	29
92	The time-course of cortical responses to speech revealed by fast optical imaging. <i>Brain and Language</i> , 2018, 184, 32-42.	0.8	29
93	Visual spatial localization conflict: an fMRI study. <i>NeuroReport</i> , 2001, 12, 3633-3636.	0.6	28
94	Cognitive Psychophysiology and the Study of States and Processes. , 1986, , 409-424.		27
95	Noninvasive Detection of Fast Signals from the Cortex Using Frequency-Domain Optical Methods. <i>Annals of the New York Academy of Sciences</i> , 1997, 820, 286-299.	1.8	26
96	Optical measures of cerebral arterial stiffness are associated with white matter signal abnormalities and cognitive performance in normal aging. <i>Neurobiology of Aging</i> , 2019, 84, 200-207.	1.5	25
97	Age-related differences in functional brain network segregation are consistent with a cascade of cerebrovascular, structural, and cognitive effects. <i>Network Neuroscience</i> , 2020, 4, 89-114.	1.4	25
98	Electrophysiological evidence of feature-based inhibition of focused attention across consecutive trials. <i>Psychophysiology</i> , 2008, 45, 804-811.	1.2	23
99	Individual differences in regional cortical volumes across the life span are associated with regional optical measures of arterial elasticity. <i>NeuroImage</i> , 2017, 162, 199-213.	2.1	23
100	Optical measures of changes in cerebral vascular tone during voluntary breath holding and a Sternberg memory task. <i>Biological Psychology</i> , 2016, 118, 184-194.	1.1	22
101	The impact of 1/f activity and baseline correction on the results and interpretation of time-frequency analyses of EEG/MEG data: A cautionary tale. <i>NeuroImage</i> , 2021, 237, 118192.	2.1	22
102	Optimum filtering for EROS measurements. <i>Psychophysiology</i> , 2003, 40, 542-547.	1.2	21
103	Strategic behavior without awareness? Effects of implicit learning in the Eriksen flanker paradigm. <i>Memory and Cognition</i> , 2010, 38, 197-205.	0.9	21
104	Frequency analysis of the visual steady-state response measured with the fast optical signal in younger and older adults. <i>Biological Psychology</i> , 2010, 85, 79-89.	1.1	21
105	Examining neural correlates of skill acquisition in a complex videogame training program. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 115.	1.0	20
106	Sound presentation rate is represented logarithmically in human cortex. <i>European Journal of Neuroscience</i> , 2003, 17, 2492-2496.	1.2	19
107	Optical imaging of temporal integration in human auditory cortex. <i>European Journal of Neuroscience</i> , 2007, 25, 298-306.	1.2	18
108	Read My Lips: Brain Dynamics Associated with Audiovisual Integration and Deviance Detection. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1723-1737.	1.1	18

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109	Rules Rule! Brain Activity Dissociates the Representations of Stimulus Contingencies with Varying Levels of Complexity. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 1941-1959.	1.1	17
110	From brain to blood vessels and back: a noninvasive optical imaging approach. <i>Neurophotonics</i> , 2017, 4, 031208.	1.7	17
111	Reorganization of neural systems mediating peripheral visual selective attention in the deaf: An optical imaging study. <i>Hearing Research</i> , 2017, 343, 162-175.	0.9	17
112	Multiple visual memory phenomena in a memory search task. <i>Psychophysiology</i> , 2003, 40, 472-485.	1.2	16
113	The influence of posterior parietal cortex on extrastriate visual activity: A concurrent TMS and fast optical imaging study. <i>Neuropsychologia</i> , 2015, 78, 153-158.	0.7	16
114	Bootstrap assessment of the reliability of maxima in surface maps of brain activity of individual subjects derived with electrophysiological and optical methods. <i>Behavior Research Methods</i> , 1998, 30, 78-86.	1.3	15
115	Spread of activation and deactivation in the brain: does age matter?. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 288.	1.7	14
116	Shedding light on gray(ing) areas: Connectivity and task switching dynamics in aging. <i>Psychophysiology</i> , 2018, 55, e12818.	1.2	13
117	Frontoparietal Traffic Signals: A Fast Optical Imaging Study of Preparatory Dynamics in Response Mode Switching. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 887-902.	1.1	12
118	Multiple Levels of Stimulus Representation in Visual Working Memory. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 844-858.	1.1	11
119	Optical imaging of the intact human brain [Guest Editorial]. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2007, 26, 14-16.	1.1	11
120	Improving the signal-to-noise ratio of event-related optical signals. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2007, 26, 47-51.	1.1	11
121	Low-resolution mapping of the effective attenuation coefficient of the human head: a multidistance approach applied to high-density optical recordings. <i>Neurophotonics</i> , 2017, 4, 021103.	1.7	11
122	Optical Imaging of Brain Function. , 2006, , 65-81.		11
123	Functional correlates of a three-component spatial model of the alpha rhythm. <i>Brain Research</i> , 1992, 582, 159-162.	1.1	10
124	The contralateral organization of visual memory: A theoretical concept and a research tool. , 1998, 35, 638.		10
125	Evidence of partial response activation in a memory-search task. <i>Cognitive Brain Research</i> , 2004, 20, 281-293.	3.3	8
126	The study of cerebral hemodynamic and neuronal response to visual stimulation using simultaneous NIR optical tomography and BOLD fMRI in humans. , 2005, 5686, 566-572.		8

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127	Assessment of cerebrovascular development and intraventricular hemorrhages in preterm infants with optical measures of the brain arterial pulse wave. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 466-480.	2.4	8
128	Hippocampal structure predicts cortical indices of reactivation of related items. <i>Neuropsychologia</i> , 2017, 95, 182-192.	0.7	7
129	Conflict Adaptation and Cue Competition during Learning in an Eriksen Flanker Task. <i>PLoS ONE</i> , 2016, 11, e0167119.	1.1	7
130	Event-related brain potentials isolate the motor component in a tapping task. <i>NeuroReport</i> , 2001, 12, 3015-3018.	0.6	6
131	Effects of alcohol on sequential information processing: Evidence for temporal myopia. <i>Psychology of Addictive Behaviors</i> , 2013, 27, 184-190.	1.4	6
132	When memory leads the brain to take scenes at face value: face areas are reactivated at test by scenes that were paired with faces at study. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 18.	1.0	6
133	Working Memory and Aging. , 2015, , 131-148.		6
134	The Devil Is in the Detail: Brain Dynamics in Preparation for a Globalâ€“Local Task. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1513-1527.	1.1	6
135	Aging and cerebrovascular health: Structural, functional, cognitive, and methodological implications. <i>Psychophysiology</i> , 2021, 58, e13842.	1.2	6
136	Can We Measure Correlates of Neuronal Activity with Non-Invasive Optical Methods?. <i>Advances in Experimental Medicine and Biology</i> , 1997, 413, 53-62.	0.8	6
137	Regulating the Access to Awareness: Brain Activity Related to Probe-related and Spontaneous Reversals in Binocular Rivalry. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1089-1102.	1.1	5
138	The Optical Effective Attenuation Coefficient as an Informative Measure of Brain Health in Aging. <i>Photonics</i> , 2019, 6, 79.	0.9	5
139	Examining the role of feedback in TMS-induced visual suppression: A cautionary tale. <i>Consciousness and Cognition</i> , 2019, 75, 102805.	0.8	5
140	Event-related brain potentials reveal strategy selection in younger and older adults. <i>Biological Psychology</i> , 2021, 164, 108163.	1.1	5
141	Characterising activity and diet compositions for dementia prevention: protocol for the ACTIVate prospective longitudinal cohort study. <i>BMJ Open</i> , 2022, 12, e047888.	0.8	5
142	Optical neurophysiology based on animal models. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2007, 26, 17-24.	1.1	4
143	Hemispheric Organization of Visual Memory. , 2015, , 75-88.		4
144	Dynamics of alpha suppression and enhancement may be related to resource competition in cross-modal cortical regions. <i>NeuroImage</i> , 2022, 252, 119048.	2.1	4

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145	Signal and image processing techniques for functional near-infrared imaging of the human brain. , 2005, 5696, 117-124.		3
146	Recording invertebrate nerve activation with modulated light changes. Applied Optics, 2007, 46, 1866.	2.1	3
147	The effects of cardiorespiratory fitness on brain and cognitive aging. , 2021, , 415-426.		3
148	Proofâ€ofâ€concept evidence for trimodal simultaneous investigation of human brain function. Human Brain Mapping, 2021, 42, 4102-4121.	1.9	3
149	Stimulus-Response Compatibility and Psychophysiology. , 1991, , 27-28.		3
150	he Effects of Aging and Physical Fitness on Working Memory Capacity. Korean Journal of Cognitive and Biological Psychology, 2012, 24, 107-126.	0.0	3
151	Working memory capacity and the hemispheric organization of the brain. Behavioral and Brain Sciences, 2001, 24, 121-122.	0.4	2
152	EUCLIDEAN FAIRNESS AND EFFICIENCY. Economic Inquiry, 2015, 53, 1689-1690.	1.0	2
153	Aging, Working Memory, and Attention Control. , 2013, , 582-592.		2
154	Time Course of Executive Processes: Data from the Eventâ€Related Optical Signal. , 2007, , 197-224.		2
155	Noninvasive diffusive optical imaging of the auditory response to birdsong in the zebra finch. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2013, 199, 227-238.	0.7	1
156	Electrophysiological and Optical Measures of Cognitive Aging. , 2004, , 85-106.		1
157	Biosignal Processing in Psychophysiology: Principles and Current Developments. , 0, , 628-661.		0
158	Dynamics of cognitive control: A view across methodologies. Psychophysiology, 2018, 55, e13053.	1.2	0
159	Beyond ERP and fMRI: Other imaging techniques for studying human brain function.. , 2012, , 567-580.		0
160	Memory Representations in Visual Working Memory: Representational Quality and Memory Access. Korean Journal of Cognitive and Biological Psychology, 2013, 25, 425-444.	0.0	0
161	Fabrication Procedure for Rugged and Breathable Forms of Stretchable Electronics with Adherent and Composite Substrates. Protocol Exchange, 0, , .	0.3	0
162	On vs. off-object probes produce differential ERPs and reversal latencies in binocular rivalry. Journal of Vision, 2017, 17, 1220.	0.1	0

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163	A TMS-EROS investigation of the role of feedback to early visual cortex in visual awareness.. Journal of Vision, 2019, 19, 169a.	0.1	0