

# Monica Fabiani

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

163  
papers

9,795  
citations

55  
h-index

97  
g-index

194  
ext. papers

11,094  
ext. citations

4.5  
avg, IF

6.01  
L-index

#	Paper	IF	Citations
163	Characterising activity and diet compositions for dementia prevention: protocol for the ACTIVate prospective longitudinal cohort study.. <i>BMJ Open</i> , <b>2022</b> , 12, e047888	3	0
162	Dynamics of alpha suppression and enhancement may be related to resource competition in cross-modal cortical regions.. <i>NeuroImage</i> , <b>2022</b> , 119048	7.9	0
161	Recommendations and publication guidelines for studies using frequency domain and time-frequency domain analyses of neural time series.. <i>Psychophysiology</i> , <b>2022</b> , 59, e14052	4.1	2
160	Spontaneous Alpha and Theta Oscillations Are Related to Complementary Aspects of Cognitive Control in Younger and Older Adults. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 621620	3.3	8
159	Age-related changes in cerebrovascular health and their effects on neural function and cognition: A comprehensive review. <i>Psychophysiology</i> , <b>2021</b> , 58, e13796	4.1	13
158	Proof-of-concept evidence for trimodal simultaneous investigation of human brain function. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 4102-4121	5.9	2
157	The effects of cardiorespiratory fitness on brain and cognitive aging <b>2021</b> , 415-426		1
156	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> , <b>2021</b> , 237, 118192	7.9	5
155	Event-related brain potentials reveal strategy selection in younger and older adults. <i>Biological Psychology</i> , <b>2021</b> , 164, 108163	3.2	0
154	Removal of high frequency contamination from motion estimates in single-band fMRI saves data without biasing functional connectivity. <i>NeuroImage</i> , <b>2020</b> , 217, 116866	7.9	26
153	Age-related differences in functional brain network segregation are consistent with a cascade of cerebrovascular, structural, and cognitive effects. <i>Network Neuroscience</i> , <b>2020</b> , 4, 89-114	5.6	9
152	Immediate and long-term effects of emotional suppression in aging: A functional magnetic resonance imaging investigation. <i>Psychology and Aging</i> , <b>2020</b> , 35, 676-696	3.6	4
151	Dietary flavanols improve cerebral cortical oxygenation and cognition in healthy adults. <i>Scientific Reports</i> , <b>2020</b> , 10, 19409	4.9	25
150	A wireless, skin-interfaced biosensor for cerebral hemodynamic monitoring in pediatric care. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 31674-31684	11.5	21
149	A registered report format for Psychophysiology. <i>Psychophysiology</i> , <b>2020</b> , 57,	4.1	3
148	Electrophysiological Correlates of Racial In-group Bias in Observing Nonverbal Social Encounters. <i>Journal of Cognitive Neuroscience</i> , <b>2020</b> , 32, 167-186	3.1	3
147	Optical measures of cerebral arterial stiffness are associated with white matter signal abnormalities and cognitive performance in normal aging. <i>Neurobiology of Aging</i> , <b>2019</b> , 84, 200-207	5.6	17

146	The Optical Effective Attenuation Coefficient as an Informative Measure of Brain Health in Aging. <i>Photonics</i> , <b>2019</b> , 6,	2.2	1
145	Examining the role of feedback in TMS-induced visual suppression: A cautionary tale. <i>Consciousness and Cognition</i> , <b>2019</b> , 75, 102805	2.6	4
144	A TMS-EROS investigation of the role of feedback to early visual cortex in visual awareness.. <i>Journal of Vision</i> , <b>2019</b> , 19, 169a	0.4	
143	Large-area MRI-compatible epidermal electronic interfaces for prosthetic control and cognitive monitoring. <i>Nature Biomedical Engineering</i> , <b>2019</b> , 3, 194-205	19	144
142	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> , <b>2019</b> , 39, 466-480	7.3	8
141	Shedding light on gray(ing) areas: Connectivity and task switching dynamics in aging. <i>Psychophysiology</i> , <b>2018</b> , 55, e12818	4.1	8
140	Dynamics of cognitive control: Theoretical bases, paradigms, and a view for the future. <i>Psychophysiology</i> , <b>2018</b> , 55, e13016	4.1	85
139	The time-course of cortical responses to speech revealed by fast optical imaging. <i>Brain and Language</i> , <b>2018</b> , 184, 32-42	2.9	22
138	Emanuel Donchin (1935-2018). <i>Psychophysiology</i> , <b>2018</b> , 55, e13302	4.1	
137	Regulating the Access to Awareness: Brain Activity Related to Probe-related and Spontaneous Reversals in Binocular Rivalry. <i>Journal of Cognitive Neuroscience</i> , <b>2017</b> , 29, 1089-1102	3.1	3
136	From brain to blood vessels and back: a noninvasive optical imaging approach. <i>Neurophotonics</i> , <b>2017</b> , 4, 031208	3.9	13
135	Low-resolution mapping of the effective attenuation coefficient of the human head: a multidistance approach applied to high-density optical recordings. <i>Neurophotonics</i> , <b>2017</b> , 4, 021103	3.9	10
134	Hippocampal structure predicts cortical indices of reactivation of related items. <i>Neuropsychologia</i> , <b>2017</b> , 95, 182-192	3.2	6
133	Oximetry: Miniaturized Battery-Free Wireless Systems for Wearable Pulse Oximetry (Adv. Funct. Mater. 1/2017). <i>Advanced Functional Materials</i> , <b>2017</b> , 27,	15.6	3
132	Individual differences in regional cortical volumes across the life span are associated with regional optical measures of arterial elasticity. <i>NeuroImage</i> , <b>2017</b> , 162, 199-213	7.9	17
131	Reorganization of neural systems mediating peripheral visual selective attention in the deaf: An optical imaging study. <i>Hearing Research</i> , <b>2017</b> , 343, 162-175	3.9	10
130	Miniaturized Battery-Free Wireless Systems for Wearable Pulse Oximetry. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1604373	15.6	182
129	Mapping cerebral pulse pressure and arterial compliance over the adult lifespan with optical imaging. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171305	3.7	21

128	On vs. off-object probes produce differential ERPs and reversal latencies in binocular rivalry. <i>Journal of Vision</i> , <b>2017</b> , 17, 1220	0.4	
127	Elucidating Mechanisms of TMS-induced Visual Suppression. <i>Journal of Vision</i> , <b>2017</b> , 17, 1349	0.4	
126	Battery-free, stretchable optoelectronic systems for wireless optical characterization of the skin. <i>Science Advances</i> , <b>2016</b> , 2, e1600418	14.3	266
125	Combining energy and Laplacian regularization to accurately retrieve the depth of brain activity of diffuse optical tomographic data. <i>Journal of Biomedical Optics</i> , <b>2016</b> , 21, 36008	3.5	31
124	Conflict Adaptation and Cue Competition during Learning in an Eriksen Flanker Task. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167119	3.7	6
123	Comparing Aging and Fitness Effects on Brain Anatomy. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 286	3.3	22
122	Optical measures of changes in cerebral vascular tone during voluntary breath holding and a Sternberg memory task. <i>Biological Psychology</i> , <b>2016</b> , 118, 184-194	3.2	18
121	A kurtosis-based wavelet algorithm for motion artifact correction of fNIRS data. <i>NeuroImage</i> , <b>2015</b> , 112, 128-137	7.9	73
120	Comparison of procedures for co-registering scalp-recording locations to anatomical magnetic resonance images. <i>Journal of Biomedical Optics</i> , <b>2015</b> , 20, 016009	3.5	26
119	Hemispheric Organization of Visual Memory: Analyzing Visual Working Memory With Brain Measures <b>2015</b> , 75-88		3
118	Working Memory and Aging: A Review <b>2015</b> , 131-148		5
117	Read My Lips: Brain Dynamics Associated with Audiovisual Integration and Deviance Detection. <i>Journal of Cognitive Neuroscience</i> , <b>2015</b> , 27, 1723-37	3.1	10
116	The influence of posterior parietal cortex on extrastriate visual activity: A concurrent TMS and fast optical imaging study. <i>Neuropsychologia</i> , <b>2015</b> , 78, 153-8	3.2	12
115	The devil is in the detail: brain dynamics in preparation for a global-local task. <i>Journal of Cognitive Neuroscience</i> , <b>2015</b> , 27, 1513-27	3.1	6
114	Taking the pulse of aging: mapping pulse pressure and elasticity in cerebral arteries with optical methods. <i>Psychophysiology</i> , <b>2014</b> , 51, 1072-88	4.1	44
113	Dynamics of alpha control: preparatory suppression of posterior alpha oscillations by frontal modulators revealed with combined EEG and event-related optical signal. <i>Journal of Cognitive Neuroscience</i> , <b>2014</b> , 26, 2400-15	3.1	44
112	Rugged and breathable forms of stretchable electronics with adherent composite substrates for transcutaneous monitoring. <i>Nature Communications</i> , <b>2014</b> , 5, 4779	17.4	245
111	Cardiorespiratory fitness mediates the effects of aging on cerebral blood flow. <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 59	5.3	56

110	Spread of activation and deactivation in the brain: does age matter?. <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 288	5.3	9
109	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> , <b>2014</b> , 8, 18	3.3	6
108	Neurovascular coupling in normal aging: a combined optical, ERP and fMRI study. <i>NeuroImage</i> , <b>2014</b> , 85 Pt 1, 592-607	7.9	145
107	Noninvasive diffusive optical imaging of the auditory response to birdsong in the zebra finch. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2013</b> , 199, 227-38	2.3	1
106	Age-related frontoparietal changes during the control of bottom-up and top-down attention: an ERP study. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 477-88	5.6	73
105	Frontoparietal traffic signals: a fast optical imaging study of preparatory dynamics in response mode switching. <i>Journal of Cognitive Neuroscience</i> , <b>2013</b> , 25, 887-902	3.1	12
104	Effects of alcohol on sequential information processing: evidence for temporal myopia. <i>Psychology of Addictive Behaviors</i> , <b>2013</b> , 27, 184-90	3.4	5
103	Aging, Working Memory, and Attention Control <b>2013</b> , 582-592		2
102	Memory Representations in Visual Working Memory: Representational Quality and Memory Access. <i>Korean Journal of Cognitive and Biological Psychology</i> , <b>2013</b> , 25, 425-444	0.3	
101	Videogame training strategy-induced change in brain function during a complex visuomotor task. <i>Behavioural Brain Research</i> , <b>2012</b> , 232, 348-57	3.4	48
100	Different slopes for different folks: alpha and delta EEG power predict subsequent video game learning rate and improvements in cognitive control tasks. <i>Psychophysiology</i> , <b>2012</b> , 49, 1558-70	4.1	60
99	Effects of training strategies implemented in a complex videogame on functional connectivity of attentional networks. <i>NeuroImage</i> , <b>2012</b> , 59, 138-48	7.9	73
98	Examining cortical dynamics and connectivity with simultaneous single-pulse transcranial magnetic stimulation and fast optical imaging. <i>NeuroImage</i> , <b>2012</b> , 59, 2504-10	7.9	25
97	Rules rule! Brain activity dissociates the representations of stimulus contingencies with varying levels of complexity. <i>Journal of Cognitive Neuroscience</i> , <b>2012</b> , 24, 1941-59	3.1	14
96	Examining neural correlates of skill acquisition in a complex videogame training program. <i>Frontiers in Human Neuroscience</i> , <b>2012</b> , 6, 115	3.3	18
95	Performance gains from directed training do not transfer to untrained tasks. <i>Acta Psychologica</i> , <b>2012</b> , 139, 146-58	1.7	53
94	It was the best of times, it was the worst of times: a psychophysiology's view of cognitive aging. <i>Psychophysiology</i> , <b>2012</b> , 49, 283-304	4.1	102
93	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> , <b>2012</b> , 24, 2321-33 <sup>3.1</sup>		141

92	he Effects of Aging and Physical Fitness on Working Memory Capacity. <i>Korean Journal of Cognitive and Biological Psychology</i> , <b>2012</b> , 24, 107-126	0.3	1
91	Pulsed out of awareness: EEG alpha oscillations represent a pulsed-inhibition of ongoing cortical processing. <i>Frontiers in Psychology</i> , <b>2011</b> , 2, 99	3.4	274
90	Age-related changes in electrophysiological and neuropsychological indices of working memory, attention control, and cognitive flexibility. <i>Frontiers in Psychology</i> , <b>2011</b> , 2, 190	3.4	25
89	Predicting individuals' learning success from patterns of pre-learning MRI activity. <i>PLoS ONE</i> , <b>2011</b> , 6, e16093	3.7	32
88	Learning to multitask: effects of video game practice on electrophysiological indices of attention and resource allocation. <i>Psychophysiology</i> , <b>2011</b> , 48, 1173-83	4.1	51
87	Fast optical imaging of human brain function. <i>Frontiers in Human Neuroscience</i> , <b>2010</b> , 4, 52	3.3	54
86	Striatal volume predicts level of video game skill acquisition. <i>Cerebral Cortex</i> , <b>2010</b> , 20, 2522-30	5.1	106
85	Span, CRUNCH, and beyond: working memory capacity and the aging brain. <i>Journal of Cognitive Neuroscience</i> , <b>2010</b> , 22, 655-69	3.1	272
84	Frequency analysis of the visual steady-state response measured with the fast optical signal in younger and older adults. <i>Biological Psychology</i> , <b>2010</b> , 85, 79-89	3.2	18
83	Strategic behavior without awareness? Effects of implicit learning in the Eriksen flanker paradigm. <i>Memory and Cognition</i> , <b>2010</b> , 38, 197-205	2.2	20
82	Transfer of skill engendered by complex task training under conditions of variable priority. <i>Acta Psychologica</i> , <b>2010</b> , 135, 349-57	1.7	67
81	Rescuing stimuli from invisibility: Inducing a momentary release from visual masking with pre-target entrainment. <i>Cognition</i> , <b>2010</b> , 115, 186-91	3.5	119
80	Does white matter matter? Spatio-temporal dynamics of task switching in aging. <i>Journal of Cognitive Neuroscience</i> , <b>2009</b> , 21, 1380-95	3.1	29
79	Share or compete? Load-dependent recruitment of prefrontal cortex during dual-task performance. <i>Psychophysiology</i> , <b>2009</b> , 46, 1069-79	4.1	34
78	To see or not to see: prestimulus alpha phase predicts visual awareness. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 2725-32	6.6	698
77	Fast Optical Signals. <i>Frontiers in Neuroscience</i> , <b>2009</b> , 435-460		7
76	Combining structural and functional neuroimaging data for studying brain connectivity: a review. <i>Psychophysiology</i> , <b>2008</b> , 45, 173-87	4.1	126
75	Neuroanatomical correlates of aging, cardiopulmonary fitness level, and education. <i>Psychophysiology</i> , <b>2008</b> , 45, 825-38	4.1	97

74	Electrophysiological evidence of feature-based inhibition of focused attention across consecutive trials. <i>Psychophysiology</i> , <b>2008</b> , 45, 804-11	4.1	19
73	Use it or lose it? SES mitigates age-related decline in a recency/recognition task. <i>Neurobiology of Aging</i> , <b>2008</b> , 29, 945-58	5.6	41
72	Validation of a method for coregistering scalp recording locations with 3D structural MR images. <i>Human Brain Mapping</i> , <b>2008</b> , 29, 1288-301	5.9	111
71	The effects of video game playing on attention, memory, and executive control. <i>Acta Psychologica</i> , <b>2008</b> , 129, 387-98	1.7	564
70	Optical imaging of temporal integration in human auditory cortex. <i>European Journal of Neuroscience</i> , <b>2007</b> , 25, 298-306	3.5	15
69	Improving the signal-to-noise ratio of event-related optical signals. <i>IEEE Engineering in Medicine and Biology Magazine</i> , <b>2007</b> , 26, 47-51		9
68	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> , <b>2007</b> , 104, 17157-62	11.5	67
67	Near-infrared spectroscopy as an alternative to the Wada test for language mapping in children, adults and special populations. <i>Epileptic Disorders</i> , <b>2007</b> , 9, 241-55	1.9	48
66	Multiple levels of stimulus representation in visual working memory. <i>Journal of Cognitive Neuroscience</i> , <b>2006</b> , 18, 844-58	3.1	11
65	Reduced suppression or labile memory? Mechanisms of inefficient filtering of irrelevant information in older adults. <i>Journal of Cognitive Neuroscience</i> , <b>2006</b> , 18, 637-50	3.1	93
64	Lagged covariance structure models for studying functional connectivity in the brain. <i>NeuroImage</i> , <b>2006</b> , 30, 1203-18	7.9	33
63	Effects of measurement method, wavelength, and source-detector distance on the fast optical signal. <i>NeuroImage</i> , <b>2006</b> , 32, 1576-90	7.9	103
62	Contributions of Cognitive Neuroscience to the Understanding of Behavior and Aging <b>2006</b> , 57-83		7
61	Fast optical imaging of frontal cortex during active and passive oddball tasks. <i>Psychophysiology</i> , <b>2006</b> , 43, 127-36	4.1	25
60	Multiple Electrophysiological Indices of Distinctiveness <b>2006</b> , 338-360		4
59	Optical Imaging of Brain Function <b>2006</b> , 65-81		5
58	The study of cerebral hemodynamic and neuronal response to visual stimulation using simultaneous NIR optical tomography and BOLD fMRI in humans. <i>Proceedings of SPIE</i> , <b>2005</b> , 5686, 566-572	1.7	6
57	Strategic control and medial frontal negativity: beyond errors and response conflict. <i>Psychophysiology</i> , <b>2005</b> , 42, 33-42	4.1	299

56	Putting things into perspective: individual differences in working-memory span and the integration of information. <i>Experimental Psychology</i> , <b>2005</b> , 52, 21-30	1.5	24
55	Signal and image processing techniques for functional near-infrared imaging of the human brain. <i>Proceedings of SPIE</i> , <b>2005</b> , 5696, 117-124	1.7	2
54	Latent inhibition mediates N1 attenuation to repeating sounds. <i>Psychophysiology</i> , <b>2004</b> , 41, 636-42	4.1	61
53	Evidence of partial response activation in a memory-search task. <i>Cognitive Brain Research</i> , <b>2004</b> , 20, 281-93		7
52	The event-related optical signal to electrical stimulation of the median nerve. <i>NeuroImage</i> , <b>2004</b> , 21, 1798-804	7.9	30
51	Sensory ERPs predict differences in working memory span and fluid intelligence. <i>NeuroReport</i> , <b>2004</b> , 15, 373-6	1.7	29
50	Effects of alcohol on person perception: a social cognitive neuroscience approach. <i>Journal of Personality and Social Psychology</i> , <b>2003</b> , 85, 627-38	6.5	55
49	Sound presentation rate is represented logarithmically in human cortex. <i>European Journal of Neuroscience</i> , <b>2003</b> , 17, 2492-6	3.5	17
48	Optimum filtering for EROS measurements. <i>Psychophysiology</i> , <b>2003</b> , 40, 542-7	4.1	17
47	The event-related optical signal (EROS) in visual cortex: replicability, consistency, localization, and resolution. <i>Psychophysiology</i> , <b>2003</b> , 40, 561-71	4.1	65
46	Multiple visual memory phenomena in a memory search task. <i>Psychophysiology</i> , <b>2003</b> , 40, 472-85	4.1	12
45	Effects of alcohol consumption and alcohol susceptibility on cognition: a psychophysiological examination. <i>Biological Psychology</i> , <b>2003</b> , 64, 167-90	3.2	82
44	Visual spatial localization conflict: an fMRI study. <i>NeuroReport</i> , <b>2001</b> , 12, 3633-6	1.7	24
43	Comparison of neuronal and hemodynamic measures of the brain response to visual stimulation: an optical imaging study. <i>Human Brain Mapping</i> , <b>2001</b> , 13, 13-25	5.9	83
42	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> , <b>2001</b> , 13, 523-36	3.1	101
41	A psychophysiological examination of cognitive processing of and affective responses to social expectancy violations. <i>Psychological Science</i> , <b>2001</b> , 12, 197-204	7.9	126
40	The event-related optical signal: a new tool for studying brain function. <i>International Journal of Psychophysiology</i> , <b>2001</b> , 42, 109-21	2.9	53
39	Shedding light on brain function: the event-related optical signal. <i>Trends in Cognitive Sciences</i> , <b>2001</b> , 5, 357-363	14	105



38	Working memory capacity and the hemispheric organization of the brain. <i>Behavioral and Brain Sciences</i> , <b>2001</b> , 24, 121-122	0.9	2
37	True but not false memories produce a sensory signature in human lateralized brain potentials. <i>Journal of Cognitive Neuroscience</i> , <b>2000</b> , 12, 941-9	3.1	92
36	Toward noninvasive 3-D imaging of the time course of cortical activity: investigation of the depth of the event-related optical signal. <i>NeuroImage</i> , <b>2000</b> , 11, 491-504	7.9	55
35	Scalp-recorded optical signals make sound processing in the auditory cortex visible?. <i>NeuroImage</i> , <b>1999</b> , 10, 620-4	7.9	82
34	Episodic priming and memory for temporal source: Event-related potentials reveal age-related differences in prefrontal functioning.. <i>Psychology and Aging</i> , <b>1999</b> , 14, 390-413	3.6	159
33	Episodic priming and memory for temporal source: event-related potentials reveal age-related differences in prefrontal functioning. <i>Psychology and Aging</i> , <b>1999</b> , 14, 390-413	3.6	46
32	Dynamic brain imaging: Event-related optical signal (EROS) measures of the time course and localization of cognitive-related activity. <i>Psychonomic Bulletin and Review</i> , <b>1998</b> , 5, 535-563	4.1	35
31	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> , <b>1998</b> , 30, 78-86		11
30	Individual differences in P3 scalp distribution in older adults, and their relationship to frontal lobe function. <i>Psychophysiology</i> , <b>1998</b> , 35, 698-708	4.1	129
29	Memory-driven processing in human medial occipital cortex: an event-related optical signal (EROS) study. <i>Psychophysiology</i> , <b>1998</b> , 35, 348-51	4.1	26
28	Individual differences in P3 scalp distribution in older adults, and their relationship to frontal lobe function <b>1998</b> , 35, 698		6
27	Item and source memory: differential age effects revealed by event-related potentials. <i>NeuroReport</i> , <b>1997</b> , 8, 3373-8	1.7	97
26	Fast and localized event-related optical signals (EROS) in the human occipital cortex: comparisons with the visual evoked potential and fMRI. <i>NeuroImage</i> , <b>1997</b> , 6, 168-80	7.9	96
25	Measurements of scattering and absorption changes in muscle and brain. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>1997</b> , 352, 727-35	5.8	129
24	An overview of age-related changes in the scalp distribution of P3b. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , <b>1997</b> , 104, 498-513		120
23	Noninvasive detection of fast signals from the cortex using frequency-domain optical methods. <i>Annals of the New York Academy of Sciences</i> , <b>1997</b> , 820, 286-98; discussion 298-9	6.5	20
22	Dissociations between memory for temporal order and recognition memory in aging. <i>Neuropsychologia</i> , <b>1997</b> , 35, 129-41	3.2	79
21	Can we measure correlates of neuronal activity with non-invasive optical methods?. <i>Advances in Experimental Medicine and Biology</i> , <b>1997</b> , 413, 53-62	3.6	4

20	Brain electrical activity in aging: Different age-related intracranial configurations revealed by source localization. <i>NeuroImage</i> , <b>1996</b> , 3, S576	7.9	3
19	Comparison of near-infrared optical imaging data with fMRI and evoked potential recordings. <i>NeuroImage</i> , <b>1996</b> , 3, S2	7.9	
18	Naming norms for brief environmental sounds: effects of age and dementia. <i>Psychophysiology</i> , <b>1996</b> , 33, 462-75	4.1	93
17	Noninvasive near infrared optical imaging of human brain function with subsecond temporal resolution. <i>Journal of Biomedical Optics</i> , <b>1996</b> , 1, 387-98	3.5	12
16	Changes in brain activity patterns in aging: the novelty oddball. <i>Psychophysiology</i> , <b>1995</b> , 32, 579-94	4.1	192
15	Shades of gray matter: noninvasive optical images of human brain responses during visual stimulation. <i>Psychophysiology</i> , <b>1995</b> , 32, 505-9	4.1	176
14	Rapid changes of optical parameters in the human brain during a tapping task. <i>Journal of Cognitive Neuroscience</i> , <b>1995</b> , 7, 446-56	3.1	77
13	Encoding processes and memory organization: A model of the von Restorff effect.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , <b>1995</b> , 21, 224-240	2.2	125
12	Memory and aging: An event-related brain potential perspective. <i>Advances in Psychology</i> , <b>1995</b> , 110, 345-389		3
11	Encoding processes and memory organization: a model of the von Restorff effect. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , <b>1995</b> , 21, 224-40	2.2	62
10	Feasibility of intracranial near-infrared optical scanning. <i>Psychophysiology</i> , <b>1994</b> , 31, 211-5	4.1	113
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