

# Paul M Corballis

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

3,471  
citations

117625

34  
h-index

149698

56  
g-index

91  
all docs

91  
docs citations

91  
times ranked

2959  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shades of gray matter: Noninvasive optical images of human brain responses during visual stimulation. <i>Psychophysiology</i> , 1995, 32, 505-509.	2.4	212
2	The temporal cross-capture of audition and vision. <i>Perception &amp; Psychophysics</i> , 2001, 63, 719-725.	2.3	180
3	Visuospatial processing and the right-hemisphere interpreter. <i>Brain and Cognition</i> , 2003, 53, 171-176.	1.8	169
4	Removing the heart from the brain: Compensation for the pulse artifact in the photon migration signal. <i>Psychophysiology</i> , 1995, 32, 292-299.	2.4	138
5	Prestimulus alpha power influences response criterion in a detection task. <i>Psychophysiology</i> , 2016, 53, 1154-1164.	2.4	128
6	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.	4.2	117
7	Dissociating Processes Supporting Causal Perception and Causal Inference in the Brain.. <i>Neuropsychology</i> , 2005, 19, 591-602.	1.3	117
8	Hemispheric Organization of Visual Memories. <i>Journal of Cognitive Neuroscience</i> , 1997, 9, 92-104.	2.3	106
9	Frontal Theta Cordance Predicts 6-Month Antidepressant Response to Subcallosal Cingulate Deep Brain Stimulation for Treatment-Resistant Depression: A Pilot Study. <i>Neuropsychopharmacology</i> , 2012, 37, 1764-1772.	5.4	105
10	Insights into the functional specificity of the human corpus callosum. <i>Brain</i> , 2000, 123, 920-926.	7.6	104
11	Rapid Changes of Optical Parameters in the Human Brain During a Tapping Task. <i>Journal of Cognitive Neuroscience</i> , 1995, 7, 446-456.	2.3	97
12	Within grasp but out of reach: evidence for a double dissociation between imagined hand and arm movements in the left cerebral hemisphere. <i>Neuropsychologia</i> , 2001, 39, 36-50.	1.6	94
13	Independent control of processing strategies for different locations in the visual field. <i>Biological Psychology</i> , 2003, 64, 191-209.	2.2	92
14	Brain mechanisms underlying perceptual causality. <i>Cognitive Brain Research</i> , 2005, 24, 41-47.	3.0	90
15	Visual grouping on binocular rivalry in a split-brain observer. <i>Vision Research</i> , 2005, 45, 247-261.	1.4	78
16	Hemispheric asymmetries for simple visual judgments in the split brain. <i>Neuropsychologia</i> , 2002, 40, 401-410.	1.6	72
17	Language, gesture, and handedness: Evidence for independent lateralized networks. <i>Cortex</i> , 2016, 82, 72-85.	2.4	68
18	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> , 2000, 11, 491-504.	4.2	66

#	ARTICLE	IF	CITATIONS
19	Cortical and Subcortical Interhemispheric Interactions Following Partial and Complete Callosotomy. <i>Archives of Neurology</i> , 2000, 57, 185.	4.5	58
20	Illusory Contour Perception and Amodal Boundary Completion: Evidence of a Dissociation Following Callosotomy. <i>Journal of Cognitive Neuroscience</i> , 1999, 11, 459-466.	2.3	55
21	Competitive interaction degrades target selection: An ERP study. <i>Psychophysiology</i> , 2009, 46, 1080-1089.	2.4	54
22	Paradoxical Interhemispheric Summation in the Split Brain. <i>Journal of Cognitive Neuroscience</i> , 2002, 14, 1151-1157.	2.3	51
23	Steady-state Signatures of Visual Perceptual Load, Multimodal Distractor Filtering, and Neural Competition. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 1113-1124.	2.3	50
24	Target resolution in visual search involves the direct suppression of distractors: Evidence from electrophysiology. <i>Psychophysiology</i> , 2012, 49, 504-509.	2.4	50
25	Binocular Rivalry between Complex Stimuli in Split-Brain Observers. <i>Brain and Mind</i> , 2001, 2, 151-160.	0.6	48
26	Dynamics of target and distractor processing in visual search: Evidence from event-related brain potentials. <i>Neuroscience Letters</i> , 2011, 495, 196-200.	2.1	45
27	Event-Related Potentials Dissociate Effects of Saliency and Space in Biased Competition for Visual Representation. <i>PLoS ONE</i> , 2010, 5, e12677.	2.5	44
28	Smoking, processing speed and attention in a choice reaction time task. <i>Psychopharmacology</i> , 1995, 120, 209-212.	3.1	43
29	Electrophysiological correlates of presaccadic remapping in humans. <i>Psychophysiology</i> , 2008, 45, 776-783.	2.4	42
30	Split brain: divided perception but undivided consciousness. <i>Brain</i> , 2017, 140, aww358.	7.6	42
31	Redundancy gain in simple reaction time following partial and complete callosotomy. <i>Neuropsychologia</i> , 2004, 42, 71-81.	1.6	40
32	Effects of Subcallosal Cingulate Deep Brain Stimulation on Negative Self-bias in Patients With Treatment-resistant Depression. <i>Brain Stimulation</i> , 2015, 8, 185-191.	1.6	40
33	Split-Brain: What We Know Now and Why This is Important for Understanding Consciousness. <i>Neuropsychology Review</i> , 2020, 30, 224-233.	4.9	39
34	Frontal and parietal EEG asymmetries interact to predict attentional bias to threat. <i>Brain and Cognition</i> , 2014, 90, 76-86.	1.8	37
35	Event-related potentials reveal the effect of prior knowledge on competition for representation and attentional capture. <i>Psychophysiology</i> , 2014, 51, 22-35.	2.4	36
36	A deficit in perceptual matching in the left hemisphere of a callosotomy patient. <i>Neuropsychologia</i> , 1999, 37, 1143-1154.	1.6	34

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37	Age-related differences in event-related potentials for early visual processing of emotional faces. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 969-976.	3.0	31
38	A dissociation between spatial and identity matching in callosotomy patients. <i>NeuroReport</i> , 1999, 10, 2183-2187.	1.2	30
39	A review of plasticity induced by auditory and visual tetanic stimulation in humans. <i>European Journal of Neuroscience</i> , 2018, 48, 2084-2097.	2.6	28
40	Registered Replication Report on Fischer, Castel, Dodd, and Pratt (2003). <i>Advances in Methods and Practices in Psychological Science</i> , 2020, 3, 143-162.	9.4	27
41	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.	3.8	26
42	Now you see it, now you don't: Variable hemineglect in a commissurotomized man. <i>Cognitive Brain Research</i> , 2005, 25, 521-530.	3.0	25
43	Detecting Confusion Using Facial Electromyography. <i>Human Factors</i> , 2012, 54, 60-69.	3.5	24
44	Colour envisioned: concepts of colour in the blind and sighted. <i>Visual Cognition</i> , 2018, 26, 382-392.	1.6	24
45	Competition and cooperation with virtual players in an exergame. <i>PeerJ Computer Science</i> , 0, 2, e92.	4.5	24
46	Effect of luminance on successiveness discrimination in the absence of the corpus callosum. <i>Neuropsychologia</i> , 2000, 38, 441-450.	1.6	23
47	Temporal discrimination in the split brain. <i>Brain and Cognition</i> , 2003, 53, 218-222.	1.8	23
48	Binocular rivalry in split-brain observers. <i>Journal of Vision</i> , 2003, 3, 3.	0.3	23
49	Hemispheric asymmetry in a dissociation between the visuomotor and visuoperceptual streams. <i>Neuropsychologia</i> , 2005, 43, 1763-1773.	1.6	23
50	Anger management: Age differences in emotional modulation of visual processing. <i>Psychology and Aging</i> , 2011, 26, 224-231.	1.6	22
51	Visual perceptual load modulates an auditory microreflex. <i>Psychophysiology</i> , 2009, 46, 498-501.	2.4	20
52	Human transsaccadic visual processing: Presaccadic remapping and postsaccadic updating. <i>Neuropsychologia</i> , 2010, 48, 3451-3458.	1.6	19
53	Interhemispheric visual matching in the split brain. <i>Neuropsychologia</i> , 2001, 39, 1395-1400.	1.6	16
54	Alpha power modulation reflects the balancing of task requirements in a selective attention task. <i>Psychophysiology</i> , 2017, 54, 224-234.	2.4	16

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55	Proactive Control of Emotional Distraction: Evidence From EEG Alpha Suppression. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 318.	2.0	16
56	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
57	Evaluating sensory feedback for immersion in exergames. , 2017, , .		15
58	Perceptual unity in the split brain: the role of subcortical connections. <i>Brain</i> , 2018, 141, e46-e46.	7.6	15
59	“Failure-to-Identify” Hunting Incidents: A Resilience Engineering Approach. <i>Human Factors</i> , 2018, 60, 141-159.	3.5	15
60	Attending to depth: electrophysiological evidence for a viewer-centered asymmetry. <i>NeuroReport</i> , 2006, 17, 643-647.	1.2	14
61	How apparent motion affects mental rotation: Push or pull?. <i>Memory and Cognition</i> , 1993, 21, 458-466.	1.6	13
62	Hemispheric processing asymmetries: Implications for memory. <i>Brain and Cognition</i> , 2001, 46, 135-139.	1.8	12
63	Seeing colour through language: Colour knowledge in the blind and sighted. <i>Visual Cognition</i> , 2021, 29, 63-71.	1.6	12
64	Hemispheric integration and differences in perception of a line-motion illusion in the divided brain. <i>Neuropsychologia</i> , 2004, 42, 1852-1857.	1.6	10
65	Volcanic hazard map visualisation affects cognition and crisis decision-making. <i>International Journal of Disaster Risk Reduction</i> , 2021, 55, 102102.	3.9	10
66	Neural Mechanisms of Short-term Plasticity in the Human Visual System. <i>Cerebral Cortex</i> , 2012, 22, 2913-2920.	2.9	6
67	The colour of words: how dichromats construct a colour space. <i>Visual Cognition</i> , 2018, 26, 601-607.	1.6	6
68	Can We Measure Correlates of Neuronal Activity with Non-Invasive Optical Methods?. <i>Advances in Experimental Medicine and Biology</i> , 1997, 413, 53-62.	1.6	6
69	Prediction errors in surface segmentation are reflected in the visual mismatch negativity, independently of task and surface features. <i>Journal of Vision</i> , 2019, 19, 9.	0.3	5
70	Improving Emotion Perception in Children with Autism Spectrum Disorder with Computer-Based Training and Hearing Amplification. <i>Brain Sciences</i> , 2021, 11, 469.	2.3	5
71	Holistic face processing is influenced by non-conscious visual information. <i>British Journal of Psychology</i> , 2022, 113, 300-326.	2.3	5
72	Choice predicts the feedback negativity. <i>Psychophysiology</i> , 2017, 54, 1800-1811.	2.4	4

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73	The relation of discrete stimuli can be integrated despite the failure of conscious identification. <i>Visual Cognition</i> , 2018, 26, 655-671.	1.6	4
74	On the Timing of Signals in Multisensory Integration and Crossmodal Interactions: a Scoping Review. <i>Multisensory Research</i> , 2019, 32, 533-573.	1.1	3
75	An investigation of the line motion effect in a callosotomy patient. <i>Brain and Cognition</i> , 2002, 48, 327-32.	1.8	3
76	Working memory capacity and the hemispheric organization of the brain. <i>Behavioral and Brain Sciences</i> , 2001, 24, 121-122.	0.7	2
77	Visual grouping and the right-hemisphere interpreter. <i>International Congress Series</i> , 2003, 1250, 447-457.	0.2	2
78	Orienting to external versus internal regions of space: Consequences of attending in advance versus after the fact. <i>Psychophysiology</i> , 2012, 49, 357-368.	2.4	2
79	Comparison of near-infrared optical imaging data with fMRI and evoked potential recordings. <i>NeuroImage</i> , 1996, 3, S2.	4.2	1
80	Can the mind be split? A historical introduction. <i>Neuropsychologia</i> , 2021, 163, 108041.	1.6	1
81	Rejecting a perceptual hypothesis: Evoked potentials of perceptual completion and completion breaking. <i>Journal of Vision</i> , 2016, 16, 137.	0.3	1
82	All-or-none neural mechanisms underlying face categorization: evidence from the N170. <i>Cerebral Cortex</i> , 2023, 33, 777-793.	2.9	1
83	Enhancing brain-machine interface throughput using simultaneous activation detection. , 2009, , .		0
84	Behavioral, Cognitive, and Psychophysiological Predictors of Failure-to-Identify Hunting Incidents. <i>Lecture Notes in Networks and Systems</i> , 2021, , 21-26.	0.7	0
85	Mechanisms of visual grouping investigated with fMRI. <i>Journal of Vision</i> , 2010, 1, 387-387.	0.3	0
86	Unconscious processing of shape-pair relationship. <i>Journal of Vision</i> , 2015, 15, 886.	0.3	0
87	Holistic Processing of Conscious and Unconscious Faces. <i>Journal of Vision</i> , 2018, 18, 357.	0.3	0
88	Exploring the Possibility of Virtual Reality Exergaming as a Cognitive Screening System. , 2020, , .		0