Paul M Corballis

List of Publications by Year
in descending order

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	All-or-none neural mechanisms underlying face categorization: evidence from the N170. Cerebral Cortex, 2023, 33, 777-793.	2.9	1
2	Holistic face processing is influenced by nonâ€conscious visual information. British Journal of Psychology, 2022, 113, 300-326.	2.3	5
3	Behavioral, Cognitive, and Psychophysiological Predictors of Failure-to-Identify Hunting Incidents. Lecture Notes in Networks and Systems, 2021, , 21-26.	0.7	0
4	Volcanic hazard map visualisation affects cognition and crisis decision-making. International Journal of Disaster Risk Reduction, 2021, 55, 102102.	3.9	10
5	Improving Emotion Perception in Children with Autism Spectrum Disorder with Computer-Based Training and Hearing Amplification. Brain Sciences, 2021, 11, 469.	2.3	5
6	Can the mind be split? A historical introduction. Neuropsychologia, 2021, 163, 108041.	1.6	1
7	Seeing colour through language: Colour knowledge in the blind and sighted. Visual Cognition, 2021, 29, 63-71.	1.6	12
8	Proactive Control of Emotional Distraction: Evidence From EEG Alpha Suppression. Frontiers in Human Neuroscience, 2020, 14, 318.	2.0	16
9	Split-Brain: What We Know Now and Why This is Important for Understanding Consciousness. Neuropsychology Review, 2020, 30, 224-233.	4.9	39
10	Registered Replication Report on Fischer, Castel, Dodd, and Pratt (2003). Advances in Methods and Practices in Psychological Science, 2020, 3, 143-162.	9.4	27
11	Exploring the Possibility of Virtual Reality Exergaming as a Cognitive Screening System. , 2020, , .		0
12	Prediction errors in surface segmentation are reflected in the visual mismatch negativity, independently of task and surface features. Journal of Vision, 2019, 19, 9.	0.3	5
13	On the Timing of Signals in Multisensory Integration and Crossmodal Interactions: a Scoping Review. Multisensory Research, 2019, 32, 533-573.	1.1	3
14	Perceptual unity in the split brain: the role of subcortical connections. Brain, 2018, 141, e46-e46.	7.6	15
15	â€œFailure-to-Identifyâ€•Hunting Incidents: A Resilience Engineering Approach. Human Factors, 2018, 60, 141-159.	3.5	15
16	The relation of discrete stimuli can be integrated despite the failure of conscious identification. Visual Cognition, 2018, 26, 655-671.	1.6	4
17	The colour of words: how dichromats construct a colour space. Visual Cognition, 2018, 26, 601-607.	1.6	6
18	Colour envisioned: concepts of colour in the blind and sighted. Visual Cognition, 2018, 26, 382-392.	1.6	24

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19	A review of plasticity induced by auditory and visual tetanic stimulation in humans. European Journal of Neuroscience, 2018, 48, 2084-2097.	2.6	28
20	Holistic Processing of Conscious and Unconscious Faces. Journal of Vision, 2018, 18, 357.	0.3	0
21	Split brain: divided perception but undivided consciousness. Brain, 2017, 140, aww358.	7.6	42
22	Evaluating sensory feedback for immersion in exergames. , 2017, , .		15
23	Choice predicts the feedback negativity. Psychophysiology, 2017, 54, 1800-1811.	2.4	4
24	Alphaâ€power modulation reflects the balancing of task requirements in a selective attention task. Psychophysiology, 2017, 54, 224-234.	2.4	16
25	Prestimulus alpha power influences response criterion in a detection task. Psychophysiology, 2016, 53, 1154-1164.	2.4	128
26	Language, gesture, and handedness: Evidence for independent lateralized networks. Cortex, 2016, 82, 72-85.	2.4	68
27	Rejecting a perceptual hypothesis: Evoked potentials of perceptual completion and completion breaking. Journal of Vision, 2016, 16, 137.	0.3	1
28	Effects of Subcallosal Cingulate Deep Brain Stimulation on Negative Self-bias in Patients With Treatment-resistant Depression. Brain Stimulation, 2015, 8, 185-191.	1.6	40
29	Unconscious processing of shape-pair relationship. Journal of Vision, 2015, 15, 886.	0.3	0
30	Age-related differences in event-related potentials for early visual processing of emotional faces. Social Cognitive and Affective Neuroscience, 2014, 9, 969-976.	3.0	31
31	Eventâ€related potentials reveal the effect of prior knowledge on competition for representation and attentional capture. Psychophysiology, 2014, 51, 22-35.	2.4	36
32	Frontal and parietal EEG asymmetries interact to predict attentional bias to threat. Brain and Cognition, 2014, 90, 76-86.	1.8	37
33	Neural Mechanisms of Short-term Plasticity in the Human Visual System. Cerebral Cortex, 2012, 22, 2913-2920.	2.9	6
34	Frontal Theta Cordance Predicts 6-Month Antidepressant Response to Subcallosal Cingulate Deep Brain Stimulation for Treatment-Resistant Depression: A Pilot Study. Neuropsychopharmacology, 2012, 37, 1764-1772.	5.4	105
35	Detecting Confusion Using Facial Electromyography. Human Factors, 2012, 54, 60-69.	3.5	24
36	Orienting to external versus internal regions of space: Consequences of attending in advance versus after the fact. Psychophysiology, 2012, 49, 357-368.	2.4	2

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37	Target resolution in visual search involves the direct suppression of distractors: Evidence from electrophysiology. Psychophysiology, 2012, 49, 504-509.	2.4	50
38	Dynamics of target and distractor processing in visual search: Evidence from event-related brain potentials. Neuroscience Letters, 2011, 495, 196-200.	2.1	45
39	Steady-state Signatures of Visual Perceptual Load, Multimodal Distractor Filtering, and Neural Competition. Journal of Cognitive Neuroscience, 2011, 23, 1113-1124.	2.3	50
40	Anger management: Age differences in emotional modulation of visual processing.. Psychology and Aging, 2011, 26, 224-231.	1.6	22
41	Human transsaccadic visual processing: Presaccadic remapping and postsaccadic updating. Neuropsychologia, 2010, 48, 3451-3458.	1.6	19
42	Event-Related Potentials Dissociate Effects of Salience and Space in Biased Competition for Visual Representation. PLoS ONE, 2010, 5, e12677.	2.5	44
43	Mechanisms of visual grouping investigated with fMRI. Journal of Vision, 2010, 1, 387-387.	0.3	0
44	Enhancing brain-machine interface throughput using simultaneous activation detection. , 2009, , .		0
45	Visual perceptual load modulates an auditory microreflex. Psychophysiology, 2009, 46, 498-501.	2.4	20
46	Competitive interaction degrades target selection: An ERP study. Psychophysiology, 2009, 46, 1080-1089.	2.4	54
47	Electrophysiological correlates of presaccadic remapping in humans. Psychophysiology, 2008, 45, 776-783.	2.4	42
48	Attending to depth: electrophysiological evidence for a viewer-centered asymmetry. NeuroReport, 2006, 17, 643-647.	1.2	14
49	Dissociating Processes Supporting Causal Perception and Causal Inference in the Brain.. Neuropsychology, 2005, 19, 591-602.	1.3	117
50	Brain mechanisms underlying perceptual causality. Cognitive Brain Research, 2005, 24, 41-47.	3.0	90
51	Now you see it, now you don't: Variable hemineglect in a commissurotomized man. Cognitive Brain Research, 2005, 25, 521-530.	3.0	25
52	Hemispheric asymmetry in a dissociation between the visuomotor and visuoperceptual streams. Neuropsychologia, 2005, 43, 1763-1773.	1.6	23
53	Visual grouping on binocular rivalry in a split-brain observer. Vision Research, 2005, 45, 247-261.	1.4	78
54	Hemispheric integration and differences in perception of a line-motion illusion in the divided brain. Neuropsychologia, 2004, 42, 1852-1857.	1.6	10

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55	Redundancy gain in simple reaction time following partial and complete callosotomy. Neuropsychologia, 2004, 42, 71-81.	1.6	40
56	Visuospatial processing and the right-hemisphere interpreter. Brain and Cognition, 2003, 53, 171-176.	1.8	169
57	Temporal discrimination in the split brain. Brain and Cognition, 2003, 53, 218-222.	1.8	23
58	Independent control of processing strategies for different locations in the visual field. Biological Psychology, 2003, 64, 191-209.	2.2	92
59	Visual grouping and the right-hemisphere interpreter. International Congress Series, 2003, 1250, 447-457.	0.2	2
60	Binocular rivalry in split-brain observers. Journal of Vision, 2003, 3, 3.	0.3	23
61	Paradoxical Interhemispheric Summation in the Split Brain. Journal of Cognitive Neuroscience, 2002, 14, 1151-1157.	2.3	51
62	Hemispheric asymmetries for simple visual judgments in the split brain. Neuropsychologia, 2002, 40, 401-410.	1.6	72
63	An investigation of the line motion effect in a callosotomy patient. Brain and Cognition, 2002, 48, 327-32.	1.8	3
64	Hemispheric processing asymmetries: Implications for memory. Brain and Cognition, 2001, 46, 135-139.	1.8	12
65	Working memory capacity and the hemispheric organization of the brain. Behavioral and Brain Sciences, 2001, 24, 121-122.	0.7	2
66	Binocular Rivalry between Complex Stimuli in Split-Brain Observers. Brain and Mind, 2001, 2, 151-160.	0.6	48
67	The temporal cross-capture of audition and vision. Perception & Psychophysics, 2001, 63, 719-725.	2.3	180
68	Within grasp but out of reach: evidence for a double dissociation between imagined hand and arm movements in the left cerebral hemisphere. Neuropsychologia, 2001, 39, 36-50.	1.6	94
69	Interhemispheric visual matching in the split brain. Neuropsychologia, 2001, 39, 1395-1400.	1.6	16
70	Effect of luminance on successiveness discrimination in the absence of the corpus callosum. Neuropsychologia, 2000, 38, 441-450.	1.6	23
71	Cortical and Subcortical Interhemispheric Interactions Following Partial and Complete Callosotomy. Archives of Neurology, 2000, 57, 185.	4.5	58
72	Insights into the functional specificity of the human corpus callosum. Brain, 2000, 123, 920-926.	7.6	104

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73	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.	4.2	66
74	Illusory Contour Perception and Amodal Boundary Completion: Evidence of a Dissociation Following Callosotomy. Journal of Cognitive Neuroscience, 1999, 11, 459-466.	2.3	55
75	A deficit in perceptual matching in the left hemisphere of a callosotomy patient. Neuropsychologia, 1999, 37, 1143-1154.	1.6	34
76	A dissociation between spatial and identity matching in callosotomy patients. NeuroReport, 1999, 10, 2183-2187.	1.2	30
77	Bootstrap assessment of the reliability of maxima in surface maps of brain activity of individual subjects derived with electrophysiological and optical methods. Behavior Research Methods, 1998, 30, 78-86.	1.3	15
78	Hemispheric Organization of Visual Memories. Journal of Cognitive Neuroscience, 1997, 9, 92-104.	2.3	106
79	Fast and Localized Event-Related Optical Signals (EROS) in the Human Occipital Cortex: Comparisons with the Visual Evoked Potential and fMRI. NeuroImage, 1997, 6, 168-180.	4.2	117
80	Noninvasive Detection of Fast Signals from the Cortex Using Frequency-Domain Optical Methods. Annals of the New York Academy of Sciences, 1997, 820, 286-299.	3.8	26
81	Can We Measure Correlates of Neuronal Activity with Non-Invasive Optical Methods?. Advances in Experimental Medicine and Biology, 1997, 413, 53-62.	1.6	6
82	Comparison of near-infrared optical imaging data with fMRI and evoked potential recordings. NeuroImage, 1996, 3, S2.	4.2	1
83	Smoking, processing speed and attention in a choice reaction time task. Psychopharmacology, 1995, 120, 209-212.	3.1	43
84	Shades of gray matter: Noninvasive optical images of human brain reponses during visual stimulation. Psychophysiology, 1995, 32, 505-509.	2.4	212
85	Removing the heart from the brain: Compensation for the pulse artifact in the photon migration signal. Psychophysiology, 1995, 32, 292-299.	2.4	138
86	Rapid Changes of Optical Parameters in the Human Brain During a Tapping Task. Journal of Cognitive Neuroscience, 1995, 7, 446-456.	2.3	97
87	How apparent motion affects mental rotation: Push or pull?. Memory and Cognition, 1993, 21, 458-466.	1.6	13
88	Competition and cooperation with virtual players in an exergame. PeerJ Computer Science, 0, 2, e92.	4.5	24