Jason B Mattingley

List of Publications by Year
in descending order

276 papers	17,662 citations	13099 68 h-index	18647 119 g-index
312 all docs	312 docs citations	312 times ranked	14235 citing authors

#	Article	IF	Citations
1	Brain regions with mirror properties: A meta-analysis of 125 human fMRI studies. Neuroscience and Biobehavioral Reviews, 2012, 36, 341-349.	6.1	759
2	Phasic alerting of neglect patients overcomes their spatial deficit in visual awareness. Nature, 1998, 395, 169-172.	27.8	527
3	Parietal neglect and visual awareness. Nature Neuroscience, 1998, 1, 17-22.	14.8	448
4	Executive "Brake Failure" following Deactivation of Human Frontal Lobe. Journal of Cognitive Neuroscience, 2006, 18, 444-455.	2.3	433
5	Applications of transcranial direct current stimulation for understanding brain function. Trends in Neurosciences, 2014, 37, 742-753.	8.6	414
6	Dynamic cooperation and competition between brain systems during cognitive control. Trends in Cognitive Sciences, 2013, 17, 493-501.	7.8	379
7	Understanding the minds of others: A neuroimaging meta-analysis. Neuroscience and Biobehavioral Reviews, 2016, 65, 276-291.	6.1	369
8	Consensus Paper: The Role of the Cerebellum in Perceptual Processes. Cerebellum, 2015, 14, 197-220.	2.5	355
9	Amygdala Responses to Fearful and Happy Facial Expressions under Conditions of Binocular Suppression. Journal of Neuroscience, 2004, 24, 2898-2904.	3.6	331
10	fMRI Adaptation Reveals Mirror Neurons in Human Inferior Parietal Cortex. Current Biology, 2008, 18, 1576-1580.	3.9	325
11	Motor role of human inferior parietal lobe revealed in unilateral neglect patients. Nature, 1998, 392, 179-182.	27.8	314
12	Simple Metric For Scaling Motor Threshold Based on Scalp-Cortex Distance: Application to Studies Using Transcranial Magnetic Stimulation. Journal of Neurophysiology, 2005, 94, 4520-4527.	1.8	291
13	Unconscious priming eliminates automatic binding of colour and alphanumeric form in synaesthesia. Nature, 2001, 410, 580-582.	27.8	283
14	A systematic, large-scale study of synaesthesia: implications for the role of early experience in lexical-colour associations. Cognition, 2005, 98, 53-84.	2.2	283
15	Preattentive Filling-in of Visual Surfaces in Parietal Extinction. Science, 1997, 275, 671-674.	12.6	258
16	Is the mirror neuron system involved in imitation? A short review and meta-analysis. Neuroscience and Biobehavioral Reviews, 2009, 33, 975-980.	6.1	251
17	Functional topography of primary emotion processing in the human cerebellum. NeuroImage, 2012, 61, 805-811.	4.2	249
18	An evaluation of the role of internal cues in the pathogenesis of parkinsonian hypokinesia. Brain, 1993, 116, 1575-1587.	7.6	228

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19	Dissociable Mechanisms of Cognitive Control in Prefrontal and Premotor Cortex. Journal of Neurophysiology, 2007, 98, 3638-3647.	1.8	227
20	Fast and slow parietal pathways mediate spatial attention. Nature Neuroscience, 2004, 7, 217-218.	14.8	226
21	Free-viewing perceptual asymmetries for the judgement of brightness, numerosity and size. Neuropsychologia, 1999, 37, 307-314.	1.6	218
22	Visual extinction and prior entry: Impaired perception of temporal order with intact motion perception after unilateral parietal damage. Neuropsychologia, 1997, 35, 421-433.	1.6	204
23	Look at me, I'm smiling: Visual search for threatening and nonthreatening facial expressions. Visual Cognition, 2005, 12, 29-50.	1.6	186
24	Distance-adjusted motor threshold for transcranial magnetic stimulation. Clinical Neurophysiology, 2007, 118, 1617-1625.	1.5	176
25	Functional brain networks related to individual differences in human intelligence at rest. Scientific Reports, 2016, 6, 32328.	3.3	163
26	Anomalous perception in synaesthesia: A cognitive neuroscience perspective. Nature Reviews Neuroscience, 2002, 3, 43-52.	10.2	159
27	IMPAIRMENTS OF MOVEMENT INITIATION AND EXECUTION IN UNILATERAL NEGLECT. Brain, 1992, 115, 1849-1874.	7.6	149
28	Reduction in external cues and movement sequencing in Parkinson's disease.. Journal of Neurology, Neurosurgery and Psychiatry, 1994, 57, 368-370.	1.9	142
29	The contribution of spatial remapping impairments to unilateral visual neglect. Neuroscience and Biobehavioral Reviews, 2004, 28, 181-200.	6.1	135
30	Differential amygdala responses to happy and fearful facial expressions depend on selective attention. NeuroImage, 2005, 24, 417-425.	4.2	135
31	Is there a critical lesion site for unilateral spatial neglect? A meta-analysis using activation likelihood estimation. Frontiers in Human Neuroscience, 2012, 6, 78.	2.0	135
32	Attentional competition between modalities: extinction between touch and vision after right hemisphere damage. Neuropsychologia, 1997, 35, 867-880.	1.6	132
33	Reconfiguration of Brain Network Architectures between Resting-State and Complexity-Dependent Cognitive Reasoning. Journal of Neuroscience, 2017, 37, 8399-8411.	3.6	131
34	Can task specific perceptual bias be distinguished from unilateral neglect?. Neuropsychologia, 1994, 32, 805-817.	1.6	130
35	Age-Related Motor Slowness: Simply Strategic?. Journal of Gerontology, 1994, 49, M133-M139.	1.9	129
36	Methylphenidate But Not Atomoxetine or Citalopram Modulates Inhibitory Control and Response Time Variability. Biological Psychiatry, 2011, 69, 902-904.	1.3	127

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37	Impaired Working Memory for Location but not for Colour or Shape in Visual Neglect: a Comparison of Parietal and Non-Parietal Lesions. Cortex, 2004, 40, 379-390.	2.4	126
38	Medial Parietal Cortex Encodes Perceived Heading Direction in Humans. Journal of Neuroscience, 2010, 30, 12897-12901.	3.6	125
39	Neural mechanisms underlying spatial realignment during adaptation to optical wedge prisms. Neuropsychologia, 2010, 48, 2595-2601.	1.6	121
40	Imaging human brain networks to improve the clinical efficacy of non-invasive brain stimulation. Neuroscience and Biobehavioral Reviews, 2015, 57, 187-198.	6.1	121
41	Selective attention modulates inferior frontal gyrus activity during action observation. NeuroImage, 2008, 40, 298-307.	4.2	113
42	Distinguishing sensory and motor biases in parietal and frontal neglect. Brain, 2000, 123, 1643-1659.	7.6	112
43	Spatial working memory and spatial attention rely on common neural processes in the intraparietal sulcus. NeuroImage, 2010, 53, 718-724.	4.2	111
44	Modality-Specific Control of Strategic Spatial Attention in Parietal Cortex. Neuron, 2004, 44, 925-930.	8.1	109
45	Impairments of movement execution in unilateral neglect: A kinematic analysis of directional bradyskinesia. Neuropsychologia, 1994, 32, 1111-1134.	1.6	104
46	Neural correlates of imagined and synaesthetic colours. Neuropsychologia, 2006, 44, 2918-2925.	1.6	103
47	Effects of prismatic adaptation on judgements of spatial extent in peripersonal and extrapersonal space. Neuropsychologia, 2003, 41, 493-503.	1.6	101
48	Executive â€œBrake Failureâ€•following Deactivation of Human Frontal Lobe. Journal of Cognitive Neuroscience, 2006, 18, 444-455.	2.3	101
49	Synaesthesia: an Overview of Contemporary Findings and Controversies. Cortex, 2006, 42, 129-136.	2.4	100
50	Residual rightward attentional bias after apparent recovery from right hemisphere damage: implications for a multicomponent model of neglect.. Journal of Neurology, Neurosurgery and Psychiatry, 1994, 57, 597-604.	1.9	98
51	Effects of stimulant medication on the lateralisation of line bisection judgements of children with attention deficit hyperactivity disorder. Journal of Neurology, Neurosurgery and Psychiatry, 1999, 66, 57-63.	1.9	98
52	The greyscales task: a perceptual measure of attentional bias following unilateral hemispheric damage. Neuropsychologia, 2004, 42, 387-394.	1.6	98
53	Do Synaesthetic Colours Act as Unique Features in Visual Search?. Cortex, 2006, 42, 222-231.	2.4	94
54	Directed Attention Eliminates â€˜Change Deafnessâ€™ in Complex Auditory Scenes. Current Biology, 2005, 15, 1108-1113.	3.9	93

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55	A hierarchy of timescales explains distinct effects of local inhibition of primary visual cortex and frontal eye fields. ELife, 2016, 5, .	6.0	93
56	Improved multitasking following prefrontal tDCS. Cortex, 2013, 49, 2845-2852.	2.4	88
57	Horizontal visual motion modulates focal attention in left unilateral spatial neglect.. Journal of Neurology, Neurosurgery and Psychiatry, 1994, 57, 1228-1235.	1.9	86
58	From Objects to Landmarks: The Function of Visual Location Information in Spatial Navigation. Frontiers in Psychology, 2012, 3, 304.	2.1	83
59	The role of the superior temporal sulcus and the mirror neuron system in imitation. Human Brain Mapping, 2010, 31, 1316-1326.	3.6	82
60	Dissociable neural circuits for encoding and retrieval of object locations during active navigation in humans. NeuroImage, 2010, 49, 2816-2825.	4.2	80
61	A Rapid Subcortical Amygdala Route for Faces Irrespective of Spatial Frequency and Emotion. Journal of Neuroscience, 2017, 37, 3864-3874.	3.6	80
62	Brain changes following four weeks of unimanual motor training: Evidence from behavior, neural stimulation, cortical thickness, and functional MRI. Human Brain Mapping, 2017, 38, 4773-4787.	3.6	79
63	Prismatic adaptation reduces biased temporal order judgements in spatial neglect. NeuroReport, 2004, 15, 1199-1204.	1.2	78
64	Vestibular and visual responses in human posterior insular cortex. Journal of Neurophysiology, 2014, 112, 2481-2491.	1.8	78
65	Prism Adaptation and Spatial Attention: A Study of Visual Search in Normals and Patients with Unilateral Neglect. Cortex, 2004, 40, 703-721.	2.4	77
66	An afferent white matter pathway from the pulvinar to the amygdala facilitates fear recognition. ELife, 2019, 8, .	6.0	77
67	Attentional Load Attenuates Synaesthetic Priming Effects in Grapheme-Colour Synaesthesia. Cortex, 2006, 42, 213-221.	2.4	76
68	Complexity in Relational Processing Predicts Changes in Functional Brain Network Dynamics. Cerebral Cortex, 2014, 24, 2283-2296.	2.9	75
69	Effective Connectivity Reveals Right-Hemisphere Dominance in Audiospatial Perception: Implications for Models of Spatial Neglect. Journal of Neuroscience, 2014, 34, 5003-5011.	3.6	74
70	Eye Movement Targets Are Released from Visual Crowding. Journal of Neuroscience, 2013, 33, 2927-2933.	3.6	72
71	Molecular Genetics of Attention. Annals of the New York Academy of Sciences, 2008, 1129, 200-212.	3.8	71
72	The role of selective attention in matching observed and executed actions. Neuropsychologia, 2009, 47, 786-795.	1.6	70

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73	To see or not to see: The effects of visible and invisible cues on line bisection judgements in unilateral neglect. Neuropsychologia, 1993, 31, 1201-1215.	1.6	69
74	Initiation and execution of movement sequences in those suffering from and at-risk of developing Huntington's disease. Neuropsychology, Development and Cognition Section A: Journal of Clinical and Experimental Neuropsychology, 1992, 14, 179-192.	1.1	67
75	The Low-Dimensional Neural Architecture of Cognitive Complexity Is Related to Activity in Medial Thalamic Nuclei. Neuron, 2019, 104, 849-855.e3.	8.1	67
76	Accounting for individual differences in the response to tDCS with baseline levels of neurochemical excitability. Cortex, 2019, 115, 324-334.	2.4	66
77	Parietal stimulation destabilizes spatial updating across saccadic eye movements. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9069-9074.	7.1	64
78	Do angry men get noticed?. Current Biology, 2006, 16, R402-R404.	3.9	62
79	Left to right: Representational biases for numbers and the effect of visuomotor adaptation. Cognition, 2008, 107, 1048-1058.	2.2	62
80	Neurochemical Enhancement of Conscious Error Awareness. Journal of Neuroscience, 2012, 32, 2619-2627.	3.6	62
81	Dissociable effects of local inhibitory and excitatory theta-burst stimulation on large-scale brain dynamics. Journal of Neurophysiology, 2015, 113, 3375-3385.	1.8	62
82	Attention promotes the neural encoding of prediction errors. PLoS Biology, 2019, 17, e2006812.	5.6	61
83	Neurodisruption of selective attention: insights and implications. Trends in Cognitive Sciences, 2005, 9, 542-550.	7.8	60
84	Human Medial Frontal Cortex Activity Predicts Learning from Errors. Cerebral Cortex, 2008, 18, 1933-1940.	2.9	60
85	Pseudoneglect for the Bisection of Mental Number Lines. Quarterly Journal of Experimental Psychology, 2009, 62, 925-945.	1.1	60
86	Visual Attentional Load Influences Plasticity in the Human Motor Cortex. Journal of Neuroscience, 2012, 32, 7001-7008.	3.6	60
87	Stochastic resonance enhances the rate of evidence accumulation during combined brain stimulation and perceptual decision-making. PLoS Computational Biology, 2018, 14, e1006301.	3.2	58
88	Modulation of covert visual attention by hand movement: Evidence from parietal extinction after right-hemisphere damage. Neurocase, 1998, 4, 245-253.	0.6	57
89	Scaling of Neural Responses to Visual and Auditory Motion in the Human Cerebellum. Journal of Neuroscience, 2010, 30, 4489-4495.	3.6	57
90	Modulating brain activity and behaviour with tDCS: Rumours of its death have been greatly exaggerated. Cortex, 2020, 123, 141-151.	2.4	56

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91	State-dependent effects of neural stimulation on brain function and cognition. Nature Reviews Neuroscience, 2022, 23, 459-475.	10.2	56
92	Interactions between default mode and control networks as a function of increasing cognitive reasoning complexity. Human Brain Mapping, 2015, 36, 2719-2731.	3.6	55
93	An investigation of the relationship between free-viewing perceptual asymmetries for vertical and horizontal stimuli. Cognitive Brain Research, 2004, 19, 289-301.	3.0	54
94	The efficacy of transcranial direct current stimulation to prefrontal areas is related to underlying cortical morphology. NeuroImage, 2019, 196, 41-48.	4.2	54
95	A Pilot Randomized Controlled Trial Comparing Mindfulness Meditation, Cognitive Therapy, and Mindfulness-Based Cognitive Therapy for Chronic Low Back Pain. Pain Medicine, 2019, 20, 2134-2148.	1.9	54
96	Localâ€“global processing in Alzheimerâ€™s disease: an examination of interference, inhibition and priming. Neuropsychologia, 2002, 40, 1173-1186.	1.6	53
97	Examining the Development of Attention and Executive Functions in Children With a Novel Paradigm. Child Neuropsychology, 2004, 10, 201-211.	1.3	53
98	MOTOR PREPARATION, MOTOR EXECUTION, ATTENTION, AND EXECUTIVE FUNCTIONS IN ATTENTION DEFICIT/HYPERACTIVITY DISORDER (ADHD). Child Neuropsychology, 2005, 11, 153-173.	1.3	52
99	Seeing is believing: Neural mechanisms of action-perception are biased by team membership. Human Brain Mapping, 2013, 34, 2055-2068.	3.6	52
100	The Effects of Unilateral Visuospatial Neglect on Perception of MÃ¼ller-Lyer Illusory Figures. Perception, 1995, 24, 415-433.	1.2	50
101	Neural Responses to Target Features outside a Search Array Are Enhanced during Conjunction but Not Unique-Feature Search. Journal of Neuroscience, 2014, 34, 3390-3401.	3.6	49
102	Detecting Unattended Stimuli Depends on the Phase of Prestimulus Neural Oscillations. Journal of Neuroscience, 2018, 38, 3092-3101.	3.6	49
103	Reappraising unilateral neglect. Australian Journal of Psychology, 1992, 44, 163-169.	2.8	48
104	Responses of neurons in the inferior colliculus of the rat to interaural time and intensity differences in transient stimuli: Implications for the latency hypothesis. Hearing Research, 1995, 85, 127-141.	2.0	47
105	Things that go bump in the right: The effect of unimanual activity on rightward collisions. Neuropsychologia, 2007, 45, 1122-1126.	1.6	47
106	Disrupting Prefrontal Cortex Prevents Performance Gains from Sensory-Motor Training. Journal of Neuroscience, 2013, 33, 18654-18660.	3.6	47
107	Abnormal fMRI Adaptation to Unfamiliar Faces in a Case of Developmental Prosopamnesia. Current Biology, 2007, 17, 1259-1264.	3.9	46
108	Activation patterns during action observation are modulated by context in mirror system areas. NeuroImage, 2012, 59, 608-615.	4.2	46

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109	Parietal disruption alters audiovisual binding in the sound-induced flash illusion. NeuroImage, 2012, 62, 1334-1341.	4.2	46
110	Distinct roles of theta and alpha oscillations in the involuntary capture of goal-directed attention. NeuroImage, 2017, 152, 171-183.	4.2	46
111	Prediction error and repetition suppression have distinct effects on neural representations of visual information. ELife, 2018, 7, .	6.0	46
112	Ghosts in the machine? pathological visual completion phenomena in the damaged brain. Neurocase, 1997, 3, 313-335.	0.6	45
113	Goal-driven selective attention in patients with right hemisphere lesions: how intact is the ipsilesional field?. Brain, 2006, 129, 168-181.	7.6	44
114	On the role of working memory in spatial contextual cueing.. Journal of Experimental Psychology: Learning Memory and Cognition, 2013, 39, 208-219.	0.9	43
115	Functional Organization of the Parahippocampal Cortex: Dissociable Roles for Context Representations and the Perception of Visual Scenes. Journal of Neuroscience, 2016, 36, 2536-2542.	3.6	43
116	Visual Crowding at a Distance during Predictive Remapping. Current Biology, 2013, 23, 793-798.	3.9	42
117	Abnormal spatial asymmetry of selective attention in ADHD. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2009, 50, 1064-1072.	5.2	41
118	Attention and the readiness for action. Neuropsychologia, 2011, 49, 3303-3313.	1.6	41
119	Distinct neural networks underlie encoding of categorical versus coordinate spatial relations during active navigation. NeuroImage, 2012, 60, 1630-1637.	4.2	41
120	Learning from Errors: Error-Related Neural Activity Predicts Improvements in Future Inhibitory Control Performance. Journal of Neuroscience, 2009, 29, 7158-7165.	3.6	40
121	Reversed Perceptual Asymmetry for Faces in Left Unilateral Neglect. Brain and Cognition, 1993, 23, 145-165.	1.8	39
122	Parietal disruption impairs reflexive spatial attention within and between sensory modalities. Neuropsychologia, 2007, 45, 1715-1724.	1.6	39
123	Attenuation of Neural Responses in Primary Visual Cortex during the Attentional Blink. Journal of Neuroscience, 2008, 28, 9890-9894.	3.6	38
124	Alertness fluctuations when performing a task modulate cortical evoked responses to transcranial magnetic stimulation. NeuroImage, 2020, 223, 117305.	4.2	38
125	Re-orientation of attention in Parkinson's disease: An extension to the vibrotactile modality. Neuropsychologia, 1993, 31, 51-66.	1.6	37
126	The effects of stimulus competition and voluntary attention on colour-graphemic synaesthesia. NeuroReport, 2003, 14, 1793-1798.	1.2	37

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127	Attention, Automaticity, and Awareness in Synesthesia. Annals of the New York Academy of Sciences, 2009, 1156, 141-167.	3.8	37
128	Bayesian Mapping Reveals That Attention Boosts Neural Responses to Predicted and Unpredicted Stimuli. Cerebral Cortex, 2018, 28, 1771-1782.	2.9	37
129	Unconscious perception of non-threatening facial emotion in parietal extinction. Experimental Brain Research, 2004, 154, 403-406.	1.5	36
130	Avoiding another mistake: Error and posterror neural activity associated with adaptive posterror behavior change. Cognitive, Affective and Behavioral Neuroscience, 2007, 7, 317-326.	2.0	36
131	Perceptual load influences auditory space perception in the ventriloquist aftereffect. Cognition, 2011, 118, 62-74.	2.2	35
132	A crossmodal crossover: Opposite effects of visual and auditory perceptual load on steady-state evoked potentials to irrelevant visual stimuli. NeuroImage, 2012, 61, 1050-1058.	4.2	35
133	Anodal tDCS applied during multitasking training leads to transferable performance gains. Scientific Reports, 2017, 7, 12988.	3.3	34
134	The effects of competition and motor reprogramming on visuomotor selection in unilateral neglect. Experimental Brain Research, 1998, 120, 243-256.	1.5	33
135	Enhancement of visual selection during transient disruption of parietal cortex. Brain Research, 2006, 1097, 149-155.	2.2	33
136	Improvements in Attention and Decision-Making Following Combined Behavioral Training and Brain Stimulation. Cerebral Cortex, 2016, 27, 3675-3682.	2.9	31
137	Mechanisms of Mindfulness Meditation, Cognitive Therapy, and Mindfulness-based Cognitive Therapy for Chronic Low Back Pain. Clinical Journal of Pain, 2020, 36, 740-749.	1.9	31
138	Dissociable Representations of Environmental Size and Complexity in the Human Hippocampus. Journal of Neuroscience, 2013, 33, 10526-10533.	3.6	30
139	Attentional Load Asymmetrically Affects Early Electrophysiological Indices of Visual Orienting. Cerebral Cortex, 2011, 21, 1056-1065.	2.9	29
140	Automaticity in sequence-space synaesthesia: A critical appraisal of the evidence. Cortex, 2013, 49, 1165-1186.	2.4	29
141	The influence of tDCS intensity on decision-making training and transfer outcomes. Journal of Neurophysiology, 2021, 125, 385-397.	1.8	29
142	Effects of Hand and Age upon Abductive and Adductive Movements: A Kinematic Analysis. Brain and Cognition, 1994, 25, 194-206.	1.8	28
143	Out of sight, out of mind: The attentional blink can eliminate synaesthetic colours. Cognition, 2010, 114, 320-328.	2.2	27
144	Dissociable roles of the hippocampus and parietal cortex in processing of coordinate and categorical spatial information. Frontiers in Human Neuroscience, 2014, 8, 73.	2.0	27

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145	Negative Emotional Experiences during Navigation Enhance Parahippocampal Activity during Recall of Place Information. Journal of Cognitive Neuroscience, 2014, 26, 154-164.	2.3	27
146	The role of spatial location in auditory search. Hearing Research, 2008, 238, 139-146.	2.0	26
147	Summation of Visual Motion across Eye Movements Reflects a Nonspatial Decision Mechanism. Journal of Neuroscience, 2010, 30, 9821-9830.	3.6	26
148	Condition-invariant, top-down visual place recognition. , 2014, , .		26
149	Visual Spatial Attention Has Opposite Effects on Bidirectional Plasticity in the Human Motor Cortex. Journal of Neuroscience, 2014, 34, 1475-1480.	3.6	26
150	Evidence against benefits from cognitive training and transcranial direct current stimulation in healthy older adults. Nature Human Behaviour, 2021, 5, 146-158.	12.0	26
151	Effects of prismatic adaptation on spatial gradients in unilateral neglect: A comparison of visual and auditory target detection with central attentional load. Neuropsychologia, 2010, 48, 2681-2692.	1.6	25
152	Anarchic hand syndrome: Bimanual coordination and sensitivity to irrelevant information in unimanual reaches. Cognitive Brain Research, 2005, 24, 634-647.	3.0	24
153	Different Neural Processes Accompany Self-Recognition in Photographs Across the Lifespan: An ERP Study Using Dizygotic Twins. PLoS ONE, 2013, 8, e72586.	2.5	24
154	Size (mostly) doesnâ€™t matter: the role of set size in object substitution masking. Attention, Perception, and Psychophysics, 2014, 76, 1620-1629.	1.3	24
155	Dissociable effects of anodal and cathodal tDCS reveal distinct functional roles for right parietal cortex in the detection of single and competing stimuli. Neuropsychologia, 2015, 74, 120-126.	1.6	24
156	Mirror, Mirror on the Wall, How Does My Brain Recognize My Image at All?. PLoS ONE, 2012, 7, e31452.	2.5	24
157	Is the whole really more than the sum of its parts? Estimates of average size and orientation are susceptible to object substitution masking.. Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 233-244.	0.9	23
158	Prefrontal Cortex Structure Predicts Training-Induced Improvements in Multitasking Performance. Journal of Neuroscience, 2016, 36, 2638-2645.	3.6	23
159	Optimising non-invasive brain-computer interface systems for free communication between naÃ¯ve human participants. Scientific Reports, 2019, 9, 18705.	3.3	23
160	Increased cognitive complexity reveals abnormal brain network activity in individuals with corpus callosum dysgenesis. NeuroImage: Clinical, 2019, 21, 101595.	2.7	23
161	Stimulus-Driven Cortical Hyperexcitability in Individuals with Charles Bonnet Hallucinations. Current Biology, 2018, 28, 3475-3480.e3.	3.9	22
162	Neural dynamics of the attentional blink revealed by encoding orientation selectivity during rapid visual presentation. Nature Communications, 2020, 11, 434.	12.8	22

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163	Hand-hemispace spatial compatibility, precueing, and stimulus-onset asynchrony. Psychological Research, 1994, 56, 170-178.	1.7	21
164	Are object- and space-based attentional biases both important to free-viewing perceptual asymmetries?. Experimental Brain Research, 2004, 154, 513-520.	1.5	21
165	Impaired Temporal Resolution of Visual Attention and Dopamine Beta Hydroxylase Genotype in Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2006, 60, 1039-1045.	1.3	21
166	Object substitution masking for an attended and foveated target.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 6-10.	0.9	21
167	Extrahippocampal contributions to spatial navigation in humans: A review of the neuroimaging evidence. Hippocampus, 2021, 31, 640-657.	1.9	21
168	Pre-Saccadic Shifts of Visual Attention. PLoS ONE, 2012, 7, e45670.	2.5	21
169	Using noise for the better: The effects of transcranial random noise stimulation on the brain and behavior. Neuroscience and Biobehavioral Reviews, 2022, 138, 104702.	6.1	21
170	Visuomotor Adaptation to Optical Prisms: A New Cure for Spatial Neglect?. Cortex, 2002, 38, 277-283.	2.4	20
171	Action intentions modulate visual processing during action perception. Neuropsychologia, 2011, 49, 2097-2104.	1.6	20
172	The Role of Attention in Synesthesia. , 2013, , .		20
173	Effects of Context on Visuomotor Interference Depends on the Perspective of Observed Actions. PLoS ONE, 2013, 8, e53248.	2.5	20
174	Selective attention in humans: normality and pathology. Current Opinion in Neurobiology, 1995, 5, 191-197.	4.2	19
175	Perceptual asymmetries in normal children and children with attention deficit/hyperactivity disorder. Brain and Cognition, 2003, 52, 205-215.	1.8	19
176	The effect of strategy on pseudoneglect for luminance judgements. Cognitive Brain Research, 2005, 25, 71-77.	3.0	19
177	A dual-process account of auditory change detection.. Journal of Experimental Psychology: Human Perception and Performance, 2010, 36, 994-1004.	0.9	19
178	Recovery from directional hypokinesia and bradykinesia in unilateral neglect. Journal of Clinical and Experimental Neuropsychology, 1994, 16, 861-876.	1.3	18
179	Evidence accumulation during perceptual decision-making is sensitive to the dynamics of attentional selection. NeuroImage, 2020, 220, 117093.	4.2	18
180	On second thoughts: changes of mind in decision-making. Trends in Cognitive Sciences, 2022, 26, 419-431.	7.8	18

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181	The Effect of Body and Environment-Centred Coordinates on Free-Viewing Perceptual Asymmetries for Vertical and Horizontal Stimuli. Cortex, 2006, 42, 336-346.	2.4	17
182	Association between auditory and visual symptoms of unilateral spatial neglect. Neuropsychologia, 2007, 45, 2631-2637.	1.6	17
183	Effects of audioâ€“visual integration on the detection of masked speech and non-speech sounds. Brain and Cognition, 2011, 75, 60-66.	1.8	17
184	Neural decoding of visual stimuli varies with fluctuations in global network efficiency. Human Brain Mapping, 2017, 38, 3069-3080.	3.6	17
185	Altering brain dynamics with transcranial random noise stimulation. Scientific Reports, 2019, 9, 4029.	3.3	17
186	Moderators of Mindfulness Meditation, Cognitive Therapy, and Mindfulness-Based Cognitive Therapy for Chronic Low Back Pain: A Test of the Limit, Activate, and Enhance Model. Journal of Pain, 2020, 21, 161-169.	1.4	17
187	The octave illusion revisited: Suppression or fusion between ears?. Journal of Experimental Psychology: Human Perception and Performance, 2002, 28, 1288-1302.	0.9	16
188	Olfaction Modulates Early Neural Responses to Matching Visual Objects. Journal of Cognitive Neuroscience, 2015, 27, 832-841.	2.3	16
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