

Tim Curran

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

11,495
citations

38660

50
h-index

29081

104
g-index

122
all docs

122
docs citations

122
times ranked

8426
citing authors

#	ARTICLE	IF	CITATIONS
1	An Event-Related Potential Investigation of Early Visual Processing Deficits During Face Perception in Youth at Clinical High Risk for Psychosis. <i>Schizophrenia Bulletin</i> , 2022, 48, 90-99.	2.3	4
2	Dissociations between performance and visual fixations after subordinate- and basic-level training with novel objects. <i>Vision Research</i> , 2022, 191, 107971.	0.7	4
3	More elaborate processing of own-race faces and less elaborate processing of other-race faces contribute to the other-race effect in face memory. <i>British Journal of Psychology</i> , 2022, 113, 1033-1055.	1.2	4
4	Bird expertise does not increase motion sensitivity to bird flight motion. <i>Journal of Vision</i> , 2021, 21, 5.	0.1	1
5	Neural and behavioral effects of subordinate-level training of novel objects across manipulations of color and spatial frequency. <i>European Journal of Neuroscience</i> , 2020, 52, 4468-4479.	1.2	11
6	A robust deep neural network for denoising task-based fMRI data: An application to working memory and episodic memory. <i>Medical Image Analysis</i> , 2020, 60, 101622.	7.0	23
7	The bimodality of saccade duration during the exploration of visual scenes. <i>Visual Cognition</i> , 2020, 28, 484-512.	0.9	5
8	Acute effects of naturalistic THC vs. CBD use on recognition memory: a preliminary study. <i>Journal of Cannabis Research</i> , 2020, 2, 28.	1.5	7
9	Color and spatial frequency differentially impact early stages of perceptual expertise training. <i>Neuropsychologia</i> , 2019, 122, 62-75.	0.7	12
10	Multivariate group-level analysis for task fMRI data with canonical correlation analysis. <i>NeuroImage</i> , 2019, 194, 25-41.	2.1	9
11	3D spatially-adaptive canonical correlation analysis: Local and global methods. <i>NeuroImage</i> , 2018, 169, 240-255.	2.1	10
12	Single-Trial EEG Predicts Memory Retrieval Using Leave-One-Subject-Out Classification. , 2018, , .		2
13	Neural evidence for the contribution of holistic processing but not attention allocation to the other-race effect on face memory. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 1015-1033.	1.0	4
14	MAO-A Phenotype Effects Response Sensitivity and the Parietal Old/New Effect during Recognition Memory. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 53.	1.0	12
15	Single-Trial EEG Analysis Predicts Memory Retrieval and Reveals Source-Dependent Differences. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 258.	1.0	17
16	Changes in Visual Scanning Strategies Accompany the Acquisition of Perceptual Expertise. <i>Journal of Vision</i> , 2018, 18, 390.	0.1	0
17	A family of locally constrained CCA models for detecting activation patterns in fMRI. <i>NeuroImage</i> , 2017, 149, 63-84.	2.1	18
18	Individual differences in EEG correlates of recognition memory due to DAT polymorphisms. <i>Brain and Behavior</i> , 2017, 7, e00870.	1.0	9

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19	A Dissociation Between Visual Strategy Use and Accuracy after Perceptual Expertise Training. Journal of Vision, 2017, 17, 473.	0.1	0
20	Examining the role of motion in expert object recognition.. Journal of Vision, 2017, 17, 65.	0.1	0
21	Subordinate-level training with novel objects differentially impacts neural and behavioral processing. Journal of Vision, 2017, 17, 512.	0.1	0
22	FN400 and LPC memory effects for concrete and abstract words. Psychophysiology, 2016, 53, 1669-1678.	1.2	35
23	The role of spatial frequency in expert object recognition.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 413-422.	0.7	12
24	A Meta-analytic Review of Auditory Event-Related Potential Components as Endophenotypes for Schizophrenia: Perspectives From First-Degree Relatives. Schizophrenia Bulletin, 2016, 42, 1504-1516.	2.3	68
25	Separating the FN400 and N400 potentials across recognition memory experiments. Brain Research, 2016, 1635, 41-60.	1.1	52
26	Deficits in Early Stages of Face Processing in Schizophrenia: A Systematic Review of the P100 Component. Schizophrenia Bulletin, 2016, 42, 519-527.	2.3	34
27	Co-registration of eye movements and EEG to study semantic congruency during scene perception. Journal of Vision, 2016, 16, 316.	0.1	0
28	Exploring the gaze strategies of expert object recognition by the means of eye-tracking.. Journal of Vision, 2016, 16, 1102.	0.1	0
29	The importance of color and spatial frequency information after laboratory-trained perceptual expertise. Journal of Vision, 2016, 16, 1109.	0.1	0
30	Metacognitive Processes in Executive Control Development: The Case of Reactive and Proactive Control. Journal of Cognitive Neuroscience, 2015, 27, 1125-1136.	1.1	136
31	Genetic variation in the serotonin transporter gene influences ERP old/new effects during recognition memory. Neuropsychologia, 2015, 78, 95-107.	0.7	13
32	The Role of Color and Spatial Frequency in Perceptual Expertise Training. Journal of Vision, 2015, 15, 234.	0.1	0
33	Multidimensional-expertise space: Multidimensional scaling changes after expertise training with objects. Journal of Vision, 2015, 15, 1141.	0.1	0
34	The role of color in expert object recognition. Journal of Vision, 2014, 14, 9-9.	0.1	19
35	Familiarity and recollection in heuristic decision making.. Journal of Experimental Psychology: General, 2014, 143, 2341-2365.	1.5	21
36	Single-trial identification of failed memory retrieval. , 2014, , .		1

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37	Classification of amnesic mild cognitive impairment using fMRI. , 2014, , .		2
38	Using single-trial EEG to predict and analyze subsequent memory. <i>NeuroImage</i> , 2014, 84, 712-723.	2.1	68
39	Classification aided analysis of oscillatory signatures in controlled retrieval. <i>NeuroImage</i> , 2014, 85, 749-760.	2.1	16
40	The persistent impact of incidental experience. <i>Psychonomic Bulletin and Review</i> , 2013, 20, 1221-1231.	1.4	8
41	ERP evidence for conceptual mappings and comparison processes during the comprehension of conventional and novel metaphors. <i>Brain and Language</i> , 2013, 127, 484-496.	0.8	67
42	ERPs and Neural Oscillations during Volitional Suppression of Memory Retrieval. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1624-1633.	1.1	37
43	Effects of oxytocin on behavioral and ERP measures of recognition memory for own-race and other-race faces in women and men. <i>Psychoneuroendocrinology</i> , 2013, 38, 2140-2151.	1.3	40
44	Sequential effects in response time reveal learning mechanisms and event representations.. <i>Psychological Review</i> , 2013, 120, 628-666.	2.7	70
45	Neural Correlates of the In-Group Memory Advantage on the Encoding and Recognition of Faces. <i>PLoS ONE</i> , 2013, 8, e82797.	1.1	9
46	Midazolam-induced Amnesia Reduces Memory for Details and Affects the ERP Correlates of Recollection and Familiarity. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 416-427.	1.1	16
47	A within-subject ERP and fMRI investigation of orientation-specific recognition memory for pictures. <i>Cognitive Neuroscience</i> , 2012, 3, 174-192.	0.6	16
48	The Limits of Feedforward Vision: Recurrent Processing Promotes Robust Object Recognition when Objects Are Degraded. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 2248-2261.	1.1	110
49	Familiarity in source memory. <i>Neuropsychologia</i> , 2012, 50, 2546-2565.	0.7	64
50	Optimization of contrast detection power with probabilistic behavioral information. <i>NeuroImage</i> , 2012, 60, 1788-1799.	2.1	4
51	Investigation of changes in EEG complexity during memory retrieval: the effect of midazolam. <i>Cognitive Neurodynamics</i> , 2012, 6, 537-546.	2.3	18
52	Cognitive Control Reflects Context Monitoring, Not Motoric Stopping, in Response Inhibition. <i>PLoS ONE</i> , 2012, 7, e31546.	1.1	134
53	Optimizing the performance of local canonical correlation analysis in fMRI using spatial constraints. <i>Human Brain Mapping</i> , 2012, 33, 2611-2626.	1.9	12
54	Oxytocin can impair memory for social and non-social visual objects: A within-subject investigation of oxytocin's effects on human memory. <i>Brain Research</i> , 2012, 1451, 65-73.	1.1	40

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55	A preliminary study of functional abnormalities in aMCI subjects during different episodic memory tasks. <i>Magnetic Resonance Imaging</i> , 2012, 30, 459-470.	1.0	23
56	The N250 Brain Potential to Personally Familiar and Newly Learned Faces and Objects. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 111.	1.0	58
57	Minimal Information for Neural Electromagnetic Ontologies (MINEMO): A standards-compliant method for analysis and integration of event-related potentials (ERP) data. <i>Standards in Genomic Sciences</i> , 2011, 5, 211-223.	1.5	20
58	The neural correlates of memory encoding and recognition for own-race and other-race faces. <i>Neuropsychologia</i> , 2011, 49, 3103-3115.	0.7	54
59	Experts'™ memory: an ERP study of perceptual expertise effects on encoding and recognition. <i>Memory and Cognition</i> , 2011, 39, 412-432.	0.9	45
60	Picture Superiority Doubly Dissociates the ERP Correlates of Recollection and Familiarity. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 1247-1262.	1.1	91
61	Visual Expertise with Pictures of Cars Correlates with RT Magnitude of the Car Inversion Effect. <i>Perception</i> , 2010, 39, 173-183.	0.5	52
62	Functional role of gamma and theta oscillations in episodic memory. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 1023-1035.	2.9	418
63	Neural inhibition enables selection during language processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16483-16488.	3.3	78
64	Event-related potential (ERP) correlates of memory blocking and priming during a word fragment test. <i>International Journal of Psychophysiology</i> , 2010, 78, 136-150.	0.5	7
65	Comprehending conventional and novel metaphors: An ERP study. <i>Brain Research</i> , 2009, 1284, 145-155.	1.1	154
66	Semantic and perceptual effects on recognition memory: Evidence from ERP. <i>Brain Research</i> , 2009, 1283, 102-114.	1.1	52
67	Expert image analysts show enhanced visual processing in change detection. <i>Psychonomic Bulletin and Review</i> , 2009, 16, 390-397.	1.4	17
68	Event-related potential correlates of interference effects on recognition memory. <i>Psychonomic Bulletin and Review</i> , 2008, 15, 36-43.	1.4	21
69	The preferred level of face categorization depends on discriminability. <i>Psychonomic Bulletin and Review</i> , 2008, 15, 623-629.	1.4	17
70	The role of category learning in the acquisition and retention of perceptual expertise: A behavioral and neurophysiological study. <i>Brain Research</i> , 2008, 1210, 204-215.	1.1	99
71	Effects of repetition priming on recognition memory: Testing a perceptual fluency-disfluency model.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2008, 34, 1305-1324.	0.7	55
72	Genetic triple dissociation reveals multiple roles for dopamine in reinforcement learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16311-16316.	3.3	614

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73	Long-term Expertise with Artificial Objects Increases Visual Competition with Early Face Categorization Processes. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 543-555.	1.1	71
74	Conflict and criterion setting in recognition memory.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2007, 33, 2-17.	0.7	41
75	Event-related potentials and recognition memory. <i>Trends in Cognitive Sciences</i> , 2007, 11, 251-257.	4.0	1,080
76	The FN400 indexes familiarity-based recognition of faces. <i>NeuroImage</i> , 2007, 36, 464-471.	2.1	159
77	Letter to the Editor. <i>NeuroImage</i> , 2007, 36, 488-489.	2.1	25
78	Prefrontal Regions Orchestrate Suppression of Emotional Memories via a Two-Phase Process. <i>Science</i> , 2007, 317, 215-219.	6.0	383
79	ERP correlates of familiarity and recollection processes in visual associative recognition. <i>Brain Research</i> , 2007, 1174, 97-109.	1.1	67
80	A Reevaluation of the Electrophysiological Correlates of Expert Object Processing. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1453-1465.	1.1	181
81	EEG oscillations and recognition memory: Theta correlates of memory retrieval and decision making. <i>NeuroImage</i> , 2006, 32, 978-987.	2.1	254
82	Activation of Preexisting and Acquired Face Representations: The N250 Event-related Potential as an Index of Face Familiarity. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1488-1497.	1.1	327
83	Combined Pharmacological and Electrophysiological Dissociation of Familiarity and Recollection. <i>Journal of Neuroscience</i> , 2006, 26, 1979-1985.	1.7	88
84	An early electrophysiological response associated with expertise in letter perception. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2005, 5, 306-318.	1.0	111
85	Error-Related Negativity Predicts Reinforcement Learning and Conflict Biases. <i>Neuron</i> , 2005, 47, 495-501.	3.8	364
86	Memory Strength and Repetition Suppression: Multimodal Imaging of Medial Temporal Cortical Contributions to Recognition. <i>Neuron</i> , 2005, 47, 751-761.	3.8	241
87	Effects of attention and confidence on the hypothesized ERP correlates of recollection and familiarity. <i>Neuropsychologia</i> , 2004, 42, 1088-1106.	0.7	218
88	ERP old/new effects at different retention intervals in recency discrimination tasks. <i>Cognitive Brain Research</i> , 2004, 18, 107-120.	3.3	52
89	Differentiating location- and distance-based processes in memory for time: An ERP study. <i>Psychonomic Bulletin and Review</i> , 2003, 10, 711-717.	1.4	40
90	Using ERPs to dissociate recollection from familiarity in picture recognition. <i>Cognitive Brain Research</i> , 2003, 15, 191-205.	3.3	289

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91	Perceptual interference supports a non-modular account of face processing. <i>Nature Neuroscience</i> , 2003, 6, 428-432.	7.1	400
92	Differentiating amodal familiarity from modality-specific memory processes: An ERP study. <i>Psychophysiology</i> , 2003, 40, 979-988.	1.2	120
93	Motor sequence learning and reading ability: Is poor reading associated with sequencing deficits?. <i>Journal of Experimental Child Psychology</i> , 2003, 84, 338-354.	0.7	58
94	Late frontal brain potentials distinguish true and false recognition. <i>NeuroReport</i> , 2003, 14, 1717-1720.	0.6	46
95	A Study of Parallel Implicit and Explicit Information Processing in Patients With Obsessive-Compulsive Disorder. <i>American Journal of Psychiatry</i> , 2002, 159, 1780-1782.	4.0	98
96	A defense of the subordinate-level expertise account for the N170 component. <i>Cognition</i> , 2002, 85, 189-196.	1.1	88
97	An electrophysiological comparison of visual categorization and recognition memory. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2002, 2, 1-18.	1.0	115
98	A Neural Basis for Expert Object Recognition. <i>Psychological Science</i> , 2001, 12, 43-47.	1.8	429
99	Implicit learning revealed by the method of opposition. <i>Trends in Cognitive Sciences</i> , 2001, 5, 503-504.	4.0	23
100	Memory for detail in item versus associative recognition. <i>Memory and Cognition</i> , 2001, 29, 413-423.	0.9	34
101	Effects of aging on visuospatial attention: an ERP study. <i>Neuropsychologia</i> , 2001, 39, 288-301.	0.7	112
102	Brain Potentials Reflect Behavioral Differences in True and False Recognition. <i>Journal of Cognitive Neuroscience</i> , 2001, 13, 201-216.	1.1	147
103	Brain potentials of recollection and familiarity. <i>Memory and Cognition</i> , 2000, 28, 923-938.	0.9	576
104	Abnormalities in the thalamus and prefrontal cortex during episodic object recognition in schizophrenia. <i>Biological Psychiatry</i> , 2000, 48, 651-657.	0.7	103
105	Medial temporal lobe activation during episodic encoding and retrieval: A PET study. , 1999, 9, 575-581.		55
106	Cross-Modal Priming and Explicit Memory in Patients with Verbal Production Deficits. <i>Brain and Cognition</i> , 1999, 39, 133-146.	0.8	30
107	Thalamic deactivation during early implicit sequence learning. <i>NeuroReport</i> , 1998, 9, 865-870.	0.6	61
108	Effects of size and orientation change on hippocampal activation during episodic recognition. <i>NeuroReport</i> , 1997, 8, 3993-3998.	0.6	41

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109	Comparing retrieval dynamics in recognition memory and lexical decision.. Journal of Experimental Psychology: General, 1997, 126, 228-247.	1.5	63
110	Higher-Order Associative Learning in Amnesia: Evidence from the Serial Reaction Time Task. Journal of Cognitive Neuroscience, 1997, 9, 522-533.	1.1	134
111	Effects of aging on implicit sequence learning: Accounting for sequence structure and explicit knowledge. Psychological Research, 1997, 60, 24-41.	1.0	157
112	Neuroanatomical Correlates of Veridical and Illusory Recognition Memory: Evidence from Positron Emission Tomography. Neuron, 1996, 17, 267-274.	3.8	258
113	False recognition and the right frontal lobe: A case study. Neuropsychologia, 1996, 34, 793-808.	0.7	252
114	A PET investigation of implicit and explicit sequence learning. Human Brain Mapping, 1995, 3, 271-286.	1.9	215
115	When encoding fails: Instructions, feedback, and registration without learning. Memory and Cognition, 1995, 23, 213-226.	0.9	46
116	The Cognitive Neuroscience of False Memories. Psychiatric Annals, 1995, 25, 726-730.	0.1	26
117	Cognitive Factors in Learning about Structured Sequences. Studies in Second Language Acquisition, 1994, 16, 205-230.	1.8	122
118	Retrieval constraints and the mirror effect.. Journal of Experimental Psychology: Learning Memory and Cognition, 1994, 20, 275-289.	0.7	26
119	Attentional and nonattentional forms of sequence learning.. Journal of Experimental Psychology: Learning Memory and Cognition, 1993, 19, 189-202.	0.7	430
120	Effects of similarity and repetition on memory: Registration without learning?. Journal of Experimental Psychology: Learning Memory and Cognition, 1992, 18, 667-680.	0.7	90