Stephen R Mitroff

List of Publications by Year
in descending order

75 papers	1,843 citations	218381 26 h-index	276539 41 g-index
81 all docs	81 docs citations	81 times ranked	1611 citing authors

#	Article	IF	Citations
1	Generalization of conditioned fear along a dimension of increasing fear intensity. Learning and Memory, 2009, 16, 460-469.	0.5	165
2	Distractor Filtering in Media Multitaskers. Perception, 2011, 40, 1183-1192.	0.5	111
3	Generalized â€œsatisfaction of searchâ€• Adverse influences on dual-target search accuracy.. Journal of Experimental Psychology: Applied, 2010, 16, 60-71.	0.9	100
4	Cohesion as a constraint on object persistence in infancy. Developmental Science, 2008, 11, 427-432.	1.3	87
5	Space and time, not surface features, guide object persistence. Psychonomic Bulletin and Review, 2007, 14, 1199-1204.	1.4	83
6	A taxonomy of errors in multiple-target visual search. Visual Cognition, 2013, 21, 899-921.	0.9	76
7	The Ultra-Rare-Item Effect. Psychological Science, 2014, 25, 284-289.	1.8	69
8	The relationship between object files and conscious perception. Cognition, 2005, 96, 67-92.	1.1	65
9	Forming and updating object representations without awareness: evidence from motion-induced blindness. Vision Research, 2005, 45, 961-967.	0.7	63
10	Assessing visual search performance differences between Transportation Security Administration Officers and nonprofessional visual searchers. Visual Cognition, 2013, 21, 330-352.	0.9	63
11	Links between multisensory processing and autism. Experimental Brain Research, 2012, 222, 377-387.	0.7	59
12	Cognitive Training Can Reduce Civilian Casualties in a Simulated Shooting Environment. Psychological Science, 2015, 26, 1164-1176.	1.8	49
13	Enhancing Ice Hockey Skills Through Stroboscopic Visual Training: A Pilot Study. Athletic Training & Sports Health Care, 2013, 5, 261-264.	0.4	48
14	Improving the Efficacy of Security Screening Tasks: A Review of Visual Search Challenges and Ways to Mitigate Their Adverse Effects. Applied Cognitive Psychology, 2015, 29, 142-148.	0.9	40
15	The siren song of implicit change detection. Journal of Experimental Psychology: Human Perception and Performance, 2002, 28, 798-815.	0.7	39
16	Changes are not localized before they are explicitly detected. Visual Cognition, 2002, 9, 937-968.	0.9	37
17	Mapping the structure of perceptual and visualâ€“motor abilities in healthy young adults. Acta Psychologica, 2015, 157, 74-84.	0.7	36
18	Improvement in Visual Search with Practice: Mapping Learning-Related Changes in Neurocognitive Stages of Processing. Journal of Neuroscience, 2015, 35, 5351-5359.	1.7	36

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19	Age-related decline of visual processing components in change detection.. Psychology and Aging, 2010, 25, 356-368.	1.4	34
20	Using cognitive psychology research to inform professional visual search operations.. Journal of Applied Research in Memory and Cognition, 2018, 7, 189-198.	0.7	33
21	See an object, hear an object file: Object correspondence transcends sensory modality. Visual Cognition, 2010, 18, 492-503.	0.9	31
22	What can 1 billion trials tell us about visual search?. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 1-5.	0.7	31
23	Seeing the Disappearance of Unseen Objects. Perception, 2004, 33, 1267-1273.	0.5	29
24	Rare, but obviously there: Effects of target frequency and salience on visual search accuracy. Acta Psychologica, 2014, 152, 158-165.	0.7	29
25	Reversing How to Think about Ambiguous Figure Reversals: Spontaneous Alternating by Uninformed Observers. Perception, 2006, 35, 709-715.	0.5	28
26	Face symmetry assessment abilities: Clinical implications for diagnosing asymmetry. American Journal of Orthodontics and Dentofacial Orthopedics, 2013, 144, 663-671.	0.8	28
27	Stroboscopic Training Enhances Anticipatory Timing. International Journal of Exercise Science, 2012, 5, 344-353.	0.5	28
28	Targets Need Their Own Personal Space: Effects of Clutter on Multiple-Target Search Accuracy. Perception, 2015, 44, 1203-1214.	0.5	24
29	A little bit of history repeating: Splitting up multiple-target visual searches decreases second-target miss errors.. Journal of Experimental Psychology: Applied, 2014, 20, 112-125.	0.9	23
30	Sensorimotor Learning in a Computerized Athletic Training Battery. Journal of Motor Behavior, 2016, 48, 401-412.	0.5	23
31	An individual differences approach to multiple-target visual search errors: How search errors relate to different characteristics of attention. Vision Research, 2017, 141, 258-265.	0.7	20
32	Multiple-Target Visual Search Errors. Policy Insights From the Behavioral and Brain Sciences, 2015, 2, 121-128.	1.4	19
33	Who should be searching? Differences in personality can affect visual search accuracy. Personality and Individual Differences, 2017, 116, 353-358.	1.6	18
34	Preserved visual representations despite change blindness in infants. Developmental Science, 2009, 12, 681-687.	1.3	17
35	Context matters: The structure of task goals affects accuracy in multiple-target visual search. Applied Ergonomics, 2014, 45, 528-533.	1.7	17
36	Evaluation of strategies to train visual search performance in professional populations. Current Opinion in Psychology, 2019, 29, 113-118.	2.5	16

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37	Predicting Airport Screening Officersâ€™ Visual Search Competency With a Rapid Assessment. Human Factors, 2018, 60, 201-211.	2.1	15
38	Object Files Can Be Purely Episodic. Perception, 2007, 36, 1730-1735.	0.5	14
39	Age-Related Preservation of Top-Down Control Over Distraction in Visual Search. Experimental Aging Research, 2010, 36, 249-272.	0.6	14
40	Using big data to solve real problems through academic and industry partnerships. Current Opinion in Behavioral Sciences, 2017, 18, 91-96.	2.0	12
41	What is the identity of a sports spectator?. Personality and Individual Differences, 2012, 52, 422-427.	1.6	11
42	Differences in multipleâ€target visual search performance between nonâ€professional and professional searchers due to decisionâ€making criteria. British Journal of Psychology, 2015, 106, 551-563.	1.2	9
43	Mammography to tomosynthesis: examining the differences between two-dimensional and segmented-three-dimensional visual search. Cognitive Research: Principles and Implications, 2018, 3, 17.	1.1	9
44	Staying in bounds: Contextual constraints on object-file coherence. Visual Cognition, 2009, 17, 195-211.	0.9	8
45	Dynamics of Population Response to Changes of Motion Direction in Primary Visual Cortex. Journal of Neuroscience, 2011, 31, 12767-12777.	1.7	8
46	Fear generalization gradients in visuospatial attention.. Emotion, 2016, 16, 1011-1018.	1.5	8
47	Visual Search: You Are Who You Are (+ A Learning Curve). Perception, 2017, 46, 1434-1441.	0.5	8
48	A Common Mechanism for Perceptual Reversals in Motion-Induced Blindness, the Troxler Effect, and Perceptual Filling-In. Perception, 2017, 46, 50-77.	0.5	7
49	Satisfaction at last: Evidence for the â€œsatisfactionâ€•hypothesis for multiple-target search errors. Visual Cognition, 2015, 23, 821-825.	0.9	6
50	Predicting Ultimate Visual Search Competency from Initial Performance. Journal of Vision, 2018, 18, 4.	0.1	6
51	Practicing Good Laboratory Hygiene, Even in a Pandemic. Psychological Science, 2020, 31, 483-487.	1.8	4
52	Mo' Money, Mo' Problems: Monetary Motivation Can Exacerbate the Attentional Blink. Perception, 2015, 44, 410-422.	0.5	3
53	Visual search training via a consistency protocol: a pilot study. Visual Cognition, 2019, 27, 657-667.	0.9	3
54	Recruiting from the shallow end of the pool: Differences in cognitive and compliance measures for subject pool participants based on enrollment time across an academic term. Visual Cognition, 2020, 28, 1-9.	0.9	3

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55	Moving Beyond the Keypress: As Technology Advances, so Should Psychology Response Time Measurements. Perception, 2021, 50, 555-565.	0.5	3
56	Estimates of a priori power and false discovery rates induced by post-hoc changes from thousands of independent replications. Journal of Vision, 2017, 17, 223.	0.1	3
57	Self-induced attentional blink: A cause of errors in multiple-target visual search. Visual Cognition, 2012, 20, 1003-1007.	0.9	2
58	Long-term visual search: Examining trial-by-trial learning over extended visual search experiences. Journal of Vision, 2015, 15, 1108.	0.1	2
59	The Effect of Extended Target Concealment on Motion Extrapolation. Journal of Vision, 2019, 19, 12.	0.1	2
60	Advancing Research on Medical Image Perception by Strengthening Multidisciplinary Collaboration. JNCI Cancer Spectrum, 2022, 6, .	1.4	2
61	Emergency department crowding associated with differences in CXR interpretations between emergency physicians and radiologists. American Journal of Emergency Medicine, 2017, 35, 793-794.	0.7	1
62	Trait anxiety is associated with increased multiple-target visual search errors. Journal of Vision, 2017, 17, 687.	0.1	1
63	Conscientiousness protects visual search performance from the impact of fatigue. Cognitive Research: Principles and Implications, 2022, 7, .	1.1	1
64	You are the type of searcher you are instructed to be: The impact of task instructions on search in the absence of feedback. Journal of Vision, 2021, 21, 2895.	0.1	0
65	Transitions in daylight saving time negatively affect visual search performance. Journal of Vision, 2021, 21, 2750.	0.1	0
66	For better or worse: Prior trial accuracy affects current trial accuracy in visual search. Journal of Vision, 2015, 15, 1371.	0.1	0
67	An individual differences approach to multiple-target search errors: Errors correlate with attentional deficits. Journal of Vision, 2015, 15, 1372.	0.1	0
68	Lingering effects of response inhibition: Evidence for both control settings and memory association mechanisms. Journal of Vision, 2017, 17, 1139.	0.1	0
69	Contextual influences of room width and depth on egocentric distance judgments in natural scenes. Journal of Vision, 2017, 17, 1046.	0.1	0
70	Individual differences in susceptibility to irrelevant environmental influences predict visual search performance. Journal of Vision, 2017, 17, 923.	0.1	0
71	Repetition Priming Preferentially Benefits Infrequent Targets. Journal of Vision, 2017, 17, 1127.	0.1	0
72	Get more out of your data: Breaking down response time to improve its usefulness. Journal of Vision, 2018, 18, 1033.	0.1	0

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73	Accurately Quantifying the Subsequent Search Miss Effect in Multiple-Target Visual Search. Journal of Vision, 2019, 19, 255a.	0.1	0
74	A Big Data Approach to Revealing the Nature of Carryover Effects. Journal of Vision, 2019, 19, 76a.	0.1	0
75	Changes in target-distractor similarity space with experience in complex visual search. Journal of Vision, 2019, 19, 309.	0.1	0