

Assaf Harel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4741085/publications.pdf>

Version: 2024-02-01

33
papers

802
citations

759233

12
h-index

580821

25
g-index

36
all docs

36
docs citations

36
times ranked

797
citing authors

#	ARTICLE	IF	CITATIONS
1	Design Thinking Framework for Integration of Transparency Measures in Time-Critical Decision Support. <i>International Journal of Human-Computer Interaction</i> , 2022, 38, 1874-1890.	4.8	1
2	Artificially-generated scenes demonstrate the importance of global scene properties for scene perception. <i>Neuropsychologia</i> , 2020, 141, 107434.	1.6	8
3	Using fMRI to Predict Training Effectiveness in Visual Scene Analysis. <i>Lecture Notes in Computer Science</i> , 2020, , 14-26.	1.3	0
4	Children are sensitive to mutual information in intermediate-complexity face and non-face features. <i>Journal of Vision</i> , 2020, 20, 6.	0.3	2
5	Establishing reference scales for scene naturalness and openness. <i>Behavior Research Methods</i> , 2019, 51, 1179-1186.	4.0	5
6	Neural Sensitivity to Mutual Information in Intermediate-Complexity Face Features Changes during Childhood. <i>Brain Sciences</i> , 2019, 9, 154.	2.3	0
7	Early electrophysiological correlates of scene perception are sensitive to inversion. <i>Journal of Vision</i> , 2019, 19, 190.	0.3	2
8	Seeing the world from above: Uncovering the neural basis of aerial scene recognition. <i>Journal of Vision</i> , 2019, 19, 190a.	0.3	0
9	Investigating Neural Sensorimotor Mechanisms Underlying Flight Expertise in Pilots: Preliminary Data From an EEG Study. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 489.	2.0	12
10	The representational dynamics of task and object processing in humans. <i>ELife</i> , 2018, 7, .	6.0	121
11	The influence of behavioral relevance on the processing of global scene properties: An ERP study. <i>Neuropsychologia</i> , 2018, 114, 168-180.	1.6	14
12	Grasping the world from a cockpit: perspectives on embodied neural mechanisms underlying human performance and ergonomics in aviation context. <i>Theoretical Issues in Ergonomics Science</i> , 2018, 19, 692-711.	1.8	7
13	Training expertise in scene recognition. <i>Journal of Vision</i> , 2018, 18, 149.	0.3	0
14	Early electrophysiological markers of navigational affordances in scenes. <i>Journal of Vision</i> , 2018, 18, 733.	0.3	1
15	How Configural Is the Configural Superiority Effect? A Neuroimaging Investigation of Emergent Features in Visual Cortex. <i>Frontiers in Psychology</i> , 2017, 8, 32.	2.1	7
16	Categorization specificity and semantic content impact the deployment of spatial attention. <i>Journal of Vision</i> , 2017, 17, 1231.	0.3	0
17	Artificially-generated scenes demonstrate the importance of global scene properties for scene perception. <i>Journal of Vision</i> , 2017, 17, 312.	0.3	1
18	MEG decoding reveals the representational dynamics of task context in visual processing. <i>Journal of Vision</i> , 2017, 17, 1342.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Perceptual properties of scenes determine their subsequent memory. <i>Journal of Vision</i> , 2017, 17, 555.	0.3	0
20	What is special about expertise? Visual expertise reveals the interactive nature of real-world object recognition. <i>Neuropsychologia</i> , 2016, 83, 88-99.	1.6	43
21	A Neurocognitive Approach to Expertise in Visual Object Recognition. <i>Lecture Notes in Computer Science</i> , 2015, , 426-436.	1.3	1
22	Holding a stick at both ends: on faces and expertise. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 442.	2.0	4
23	Task context impacts visual object processing differentially across the cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E962-71.	7.1	140
24	Association and dissociation between detection and discrimination of objects of expertise: Evidence from visual search. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 391-406.	1.3	21
25	Imaging Perception. , 2014, , 157-190.		0
26	Deconstructing Visual Scenes in Cortex: Gradients of Object and Spatial Layout Information. <i>Cerebral Cortex</i> , 2013, 23, 947-957.	2.9	128
27	Beyond perceptual expertise: revisiting the neural substrates of expert object recognition. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 885.	2.0	47
28	Are All Types of Expertise Created Equal? Car Experts Use Different Spatial Frequency Scales for Subordinate Categorization of Cars and Faces. <i>PLoS ONE</i> , 2013, 8, e67024.	2.5	12
29	Neuroanatomical correlates of visual car expertise. <i>NeuroImage</i> , 2012, 62, 147-153.	4.2	25
30	Basic-level categorization of intermediate complexity fragments reveals top-down effects of expertise in visual perception. <i>Journal of Vision</i> , 2011, 11, 18-18.	0.3	28
31	Top-Down Engagement Modulates the Neural Expressions of Visual Expertise. <i>Cerebral Cortex</i> , 2010, 20, 2304-2318.	2.9	81
32	Stimulus type, level of categorization, and spatial-frequencies utilization: Implications for perceptual categorization hierarchies.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2009, 35, 1264-1273.	0.9	47
33	Mutual information of image fragments predicts categorization in humans: Electrophysiological and behavioral evidence. <i>Vision Research</i> , 2007, 47, 2010-2020.	1.4	35