

Dirk B Walther

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1718198/publications.pdf>

Version: 2024-02-01

42
papers

940
citations

759233

12
h-index

526287

27
g-index

44
all docs

44
docs citations

44
times ranked

787
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of local and global symmetry in pleasure, interest, and complexity judgments of natural scenes.. Psychology of Aesthetics, Creativity, and the Arts, 2023, 17, 322-337.	1.3	6
2	Scene wheels: Measuring perception and memory of real-world scenes with a continuous stimulus space. Behavior Research Methods, 2022, 54, 444-456.	4.0	7
3	Neural correlates of local parallelism during naturalistic vision. PLoS ONE, 2022, 17, e0260266.	2.5	2
4	The Development of Attention to Objects and Scenes: From Objectâ€Biased to Unbiased. Child Development, 2021, 92, 1173-1186.	3.0	7
5	Children automatically abstract categorical regularities during statistical learning. Developmental Science, 2021, 24, e13072.	2.4	6
6	Concavity as a diagnostic feature of visual scenes. NeuroImage, 2021, 232, 117920.	4.2	12
7	Neural Representations in the Prefrontal Cortex Are Task Dependent for Scene Attributes But Not for Scene Categories. Journal of Neuroscience, 2021, 41, 7234-7245.	3.6	2
8	No evidence for gender and cultural differences in eye movements â€ a meta-analysis. Journal of Vision, 2021, 21, 2990.	0.3	1
9	Contour features predict valence and threat judgements in scenes. Scientific Reports, 2021, 11, 19405.	3.3	6
10	Where to draw the line?. PLoS ONE, 2021, 16, e0258376.	2.5	2
11	Effects of Spatial Frequency Filtering Choices on the Perception of Filtered Images. Vision (Switzerland), 2020, 4, 29.	1.2	17
12	Saliency Map Predictions of DeepGaze II are Influenced by the Convolutional Neural Network Texture Bias. Journal of Vision, 2020, 20, 963.	0.3	0
13	Dynamic Representations in Visual Working Memory. Journal of Vision, 2020, 20, 900.	0.3	1
14	Scene Categorization From Contours: Medial Axis Based Saliency Measures. , 2019, , .		13
15	Distinct roles of eye movements during memory encoding and retrieval. Cognition, 2019, 184, 119-129.	2.2	56
16	Local contour symmetry facilitates scene categorization. Cognition, 2019, 182, 307-317.	2.2	23
17	Mid-level feature contributions to category-specific gaze guidance. Attention, Perception, and Psychophysics, 2019, 81, 35-46.	1.3	8
18	Measuring complexity of images using Multiscale Entropy. Journal of Vision, 2019, 19, 96a.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Neural coding of non-visual properties inferred from images of natural scene. <i>Journal of Vision</i> , 2019, 19, 189b.	0.3	0
20	Perceptual grouping aids recognition of line drawings of scenes by CNNs. <i>Journal of Vision</i> , 2019, 19, 129.	0.3	0
21	The neural basis of local contour symmetry in scene perception. <i>Journal of Vision</i> , 2019, 19, 189a.	0.3	0
22	Contour features predict positive and negative emotional valence judgements. <i>Journal of Vision</i> , 2019, 19, 98.	0.3	0
23	Spatial relationships between contours impact rapid scene classification. <i>Journal of Vision</i> , 2018, 18, 1.	0.3	12
24	Representational differences between line drawings and photographs of natural scenes: A dissociation between multi-voxel pattern analysis and repetition suppression. <i>Neuropsychologia</i> , 2018, 117, 513-519.	1.6	4
25	Discriminating scene categories from brain activity within 100 milliseconds. <i>Cortex</i> , 2018, 106, 275-287.	2.4	24
26	Using decoding error patterns to trace the neural signature of auditory scene perception. , 2018, , .		0
27	Modality-Independent Coding of Scene Categories in Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2018, 38, 5969-5981.	3.6	27
28	Category-specific guidance of gaze in photographs and line drawings. <i>Journal of Vision</i> , 2018, 18, 236.	0.3	0
29	Scene content is predominantly conveyed by high spatial frequencies in scene-selective visual cortex. <i>Journal of Vision</i> , 2018, 18, 1241.	0.3	0
30	Measuring local symmetry in real-world scenes. <i>Journal of Vision</i> , 2018, 18, 749.	0.3	0
31	Neural codes of seeing architectural styles. <i>Scientific Reports</i> , 2017, 7, 40201.	3.3	26
32	Modeling the effect of stimulus perturbations on error correlations between brain and behavior. , 2017, , .		1
33	Scene content is predominantly conveyed by high spatial frequencies in scene-selective visual cortex. <i>PLoS ONE</i> , 2017, 12, e0189828.	2.5	31
34	The perceptual advantage of symmetry for scene perception. <i>Journal of Vision</i> , 2017, 17, 1091.	0.3	1
35	Increased scene exploration does not enhance memory. <i>Journal of Vision</i> , 2017, 17, 535.	0.3	0
36	Contour junctions underlie neural representations of scene categories in high-level human visual cortex. <i>NeuroImage</i> , 2016, 135, 32-44.	4.2	39

#	ARTICLE	IF	CITATIONS
37	A Bayesian Test for Comparing Classifier Errors. , 2015, , .		1
38	Content, not context, facilitates memory for real-world scenes. Visual Cognition, 2015, 23, 852-855.	1.6	2
39	Nonaccidental Properties Underlie Human Categorization of Complex Natural Scenes. Psychological Science, 2014, 25, 851-860.	3.3	68
40	Good Exemplars of Natural Scene Categories Elicit Clearer Patterns than Bad Exemplars but Not Greater BOLD Activity. PLoS ONE, 2013, 8, e58594.	2.5	29
41	Simple line drawings suffice for functional MRI decoding of natural scene categories. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9661-9666.	7.1	189
42	Natural Scene Categories Revealed in Distributed Patterns of Activity in the Human Brain. Journal of Neuroscience, 2009, 29, 10573-10581.	3.6	314