

E Charles Leek

List of Publications by Year in descending order

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41
papers

629
citations

567281

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docs citations

42
times ranked

556
citing authors

#	ARTICLE	IF	CITATIONS
1	Successes and failures in producing attentional object-based cueing effects. <i>Attention, Perception, and Psychophysics</i> , 2012, 74, 43-69.	1.3	43
2	Non-selective lexical access in bilinguals is spontaneous and independent of input monitoring: Evidence from eye tracking. <i>Cognition</i> , 2013, 129, 418-425.	2.2	40
3	Shape information mediating basic- and subordinate-level object recognition revealed by analyses of eye movements.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2014, 40, 451-456.	0.9	36
4	The Structure of Three-Dimensional Object Representations in Human Vision: Evidence From Whole-Part Matching.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2005, 31, 668-684.	0.9	34
5	The modulation of inhibition of return by object internal structure: Implications for theories of object-based attentional selection. <i>Psychonomic Bulletin and Review</i> , 2003, 10, 493-502.	2.8	32
6	Functional contribution of medial premotor cortex to visuo-spatial transformation in humans. <i>Neuroscience Letters</i> , 2004, 355, 209-212.	2.1	32
7	Functional specialization in the supplementary motor complex. <i>Nature Reviews Neuroscience</i> , 2009, 10, 78-78.	10.2	28
8	A polarity effect in misoriented object recognition: The role of polar features in the computation of orientation-invariant shape representations. <i>Visual Cognition</i> , 2006, 13, 573-600.	1.6	24
9	Computational mechanisms of object constancy for visual recognition revealed by event-related potentials. <i>Vision Research</i> , 2007, 47, 706-713.	1.4	23
10	Orientation Sensitivity at Different Stages of Object Processing: Evidence from Repetition Priming and Naming. <i>PLoS ONE</i> , 2008, 3, e2256.	2.5	23
11	Eye movement patterns during the recognition of three-dimensional objects: Preferential fixation of concave surface curvature minima. <i>Journal of Vision</i> , 2012, 12, 7-7.	0.3	21
12	The Analysis of Orientation-Dependent Time Costs in Visual Recognition. <i>Perception</i> , 1998, 27, 803-816.	1.2	20
13	Orientation invariance in visual object priming depends on prime-target asynchrony. <i>Perception & Psychophysics</i> , 2003, 65, 469-477.	2.3	19
14	Domain General Sequence Operations Contribute to Pre-SMA Involvement in Visuo-spatial Processing. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 9.	2.0	19
15	Surface but not volumetric part structure mediates three-dimensional shape representation: Evidence from part-whole priming. <i>Quarterly Journal of Experimental Psychology</i> , 2009, 62, 814-830.	1.1	18
16	The Time Course of Activation of Object Shape and Shape+Colour Representations during Memory Retrieval. <i>PLoS ONE</i> , 2012, 7, e48550.	2.5	18
17	Curvature and the visual perception of shape: Theory on information along object boundaries and the minima rule revisited.. <i>Psychological Review</i> , 2012, 119, 668-677.	3.8	15
18	Early differential sensitivity of evoked-potentials to local and global shape during the perception of three-dimensional objects. <i>Neuropsychologia</i> , 2016, 89, 495-509.	1.6	15

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19	Effects of stereoscopic disparity on early ERP components during classification of three-dimensional objects. <i>Quarterly Journal of Experimental Psychology</i> , 2018, 71, 1419-1430.	1.1	15
20	Superior Written Over Spoken Picture Naming in a Case of Frontotemporal Dementia. <i>Neurocase</i> , 2001, 7, 89-96.	0.6	14
21	Do reading processes differ in transparent versus opaque orthographies? A study of acquired dyslexia in Welsh/English bilinguals. <i>Cognitive Neuropsychology</i> , 2011, 28, 546-563.	1.1	13
22	The Role of Surface-Based Representations of Shape in Visual Object Recognition. <i>Quarterly Journal of Experimental Psychology</i> , 2015, 68, 2351-2369.	1.1	13
23	A failure to learn object shape geometry: Implications for convolutional neural networks as plausible models of biological vision. <i>Vision Research</i> , 2021, 189, 81-92.	1.4	12
24	Deep neural networks and image classification in biological vision. <i>Vision Research</i> , 2022, 197, 108058.	1.4	12
25	Visuospatial transformation impairments in Parkinson's disease. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2012, 34, 1053-1064.	1.3	10
26	Impaired Visuospatial Transformation but Intact Sequence Processing in Parkinson Disease. <i>Cognitive and Behavioral Neurology</i> , 2014, 27, 130-138.	0.9	9
27	Eye movements during object recognition in visual agnosia. <i>Neuropsychologia</i> , 2012, 50, 2142-2153.	1.6	8
28	Stereo Disparity Facilitates View Generalization during Shape Recognition for Solid Multipart Objects. <i>Quarterly Journal of Experimental Psychology</i> , 2015, 68, 2419-2436.	1.1	8
29	Human Parahippocampal Cortex Supports Spatial Binding in Visual Working Memory. <i>Cerebral Cortex</i> , 2018, 28, 3589-3599.	2.9	8
30	Structure-Based Modulation of Inhibition of Return is Triggered by Object-Internal but not Occluding Shape Features. <i>Quarterly Journal of Experimental Psychology</i> , 2006, 59, 1857-1866.	1.1	7
31	Implicit encoding of extrinsic object properties in stored representations mediating recognition: Evidence from shadow-specific repetition priming. <i>Vision Research</i> , 2015, 108, 49-55.	1.4	7
32	Surface diagnosticity predicts the high-level representation of regular and irregular object shape in human vision. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 1589-1608.	1.3	6
33	Impaired integration of object knowledge and visual input in a case of ventral simultanagnosia with bilateral damage to area V4. <i>Cognitive Neuropsychology</i> , 2012, 29, 569-583.	1.1	5
34	Early sensitivity of evoked potentials to surface and volumetric structure during the visual perception of three-dimensional object shape. <i>European Journal of Neuroscience</i> , 2020, 52, 4453-4467.	2.6	5
35	Stereo viewing modulates three-dimensional shape processing during object recognition: A high-density ERP study. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2018, 44, 518-534.	0.9	5
36	What do deep neural networks tell us about biological vision?. <i>Vision Research</i> , 2022, 198, 108069.	1.4	4

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37	Do reading processes differ in transparent vs. opaque orthographies? A study of acquired dyslexia in Welsh/English bilinguals. <i>Brain and Language</i> , 2007, 103, 97-98.	1.6	3
38	A surface-based code contributes to visual shape perception. <i>Journal of Vision</i> , 2019, 19, 6.	0.3	3
39	Negative priming of unattended part primes: Implications for models of holistic and analytic processing in object recognition. <i>Quarterly Journal of Experimental Psychology</i> , 2009, 62, 2289-2297.	1.1	1
40	The role of parvocellular and magnocellular shape maps in the derivation of spatially integrated 3D object representations. <i>Cognitive Neuropsychology</i> , 2022, 39, 92-94.	1.1	1
41	Study protocol for a randomised pilot study of a computer-based, non-pharmacological cognitive intervention for motor slowing and motor fatigue in Parkinson's disease. <i>Pilot and Feasibility Studies</i> , 2018, 4, 190.	1.2	0