

James T Todd

List of Publications by Year in descending order

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34
papers

1,239
citations

516710

16
h-index

477307

29
g-index

34
all docs

34
docs citations

34
times ranked

744
citing authors

#	ARTICLE	IF	CITATIONS
1	The visual perception of 3D shape. Trends in Cognitive Sciences, 2004, 8, 115-121.	7.8	236
2	The visual perception of 3-D shape from multiple cues: Are observers capable of perceiving metric structure?. Perception & Psychophysics, 2003, 65, 31-47.	2.3	169
3	The visual perception of three-dimensional length.. Journal of Experimental Psychology: Human Perception and Performance, 1996, 22, 173-186.	0.9	162
4	Perception of surface curvature and direction of illumination from patterns of shading.. Journal of Experimental Psychology: Human Perception and Performance, 1983, 9, 583-595.	0.9	138
5	Lightness Constancy in the Presence of Specular Highlights. Psychological Science, 2004, 15, 33-39.	3.3	94
6	The Visual Light Field. Perception, 2007, 36, 1595-1610.	1.2	74
7	The effects of field of view on the perception of 3D slant from texture. Vision Research, 2005, 45, 1501-1517.	1.4	45
8	Are discrimination thresholds a valid measure of variance for judgments of slant from texture?. Journal of Vision, 2010, 10, 1-18.	0.3	42
9	The effects of viewing angle, camera angle, and sign of surface curvature on the perception of three-dimensional shape from texture. Journal of Vision, 2007, 7, 9.	0.3	36
10	3D Shape Perception in Posterior Cortical Atrophy: A Visual Neuroscience Perspective. Journal of Neuroscience, 2015, 35, 12673-12692.	3.6	27
11	The visual perception of surface orientation from optical motion. Perception & Psychophysics, 1999, 61, 1577-1589.	2.3	26
12	The perception of 3D shape from texture based on directional width gradients. Journal of Vision, 2010, 10, 17-17.	0.3	26
13	The visual perception of rigid motion from constant flow fields. Perception & Psychophysics, 1996, 58, 666-679.	2.3	23
14	Generic and non-generic conditions for the perception of surface shape from texture. Vision Research, 2002, 42, 837-850.	1.4	23
15	The visual perception of metal. Journal of Vision, 2018, 18, 9.	0.3	20
16	Is the Perception of 3D Shape from Shading Based on Assumed Reflectance and Illumination?. I-Perception, 2014, 5, 497-514.	1.4	18
17	The effects of smooth occlusions and directions of illumination on the visual perception of 3-D shape from shading. Journal of Vision, 2015, 15, 24-24.	0.3	14
18	The darker-is-deeper heuristic for the perception of 3D shape from shading: Is it perceptually or ecologically valid?. Journal of Vision, 2015, 15, 2.	0.3	11

#	ARTICLE	IF	CITATIONS
19	Binocular stereo acuity affects monocular three-dimensional shape perception in patients with strabismus. <i>British Journal of Ophthalmology</i> , 2018, 102, 1413-1418.	3.9	9
20	The many facets of shape. <i>Journal of Vision</i> , 2022, 22, 1.	0.3	9
21	Reflections on glass. <i>Journal of Vision</i> , 2019, 19, 26.	0.3	7
22	Failures of stereoscopic shape constancy over changes of viewing distance and size for bilaterally symmetric polyhedra. <i>Journal of Vision</i> , 2021, 21, 5.	0.3	7
23	Stability and change. <i>Visual Cognition</i> , 2005, 12, 639-690.	1.6	6
24	Effects of illumination on the categorization of shiny materials. <i>Journal of Vision</i> , 2020, 20, 2.	0.3	5
25	On the Ambient Optic Array: James Gibson's Insights About the Phenomenon of Chiaroscuro. <i>I-Perception</i> , 2020, 11, 204166952095209.	1.4	4
26	Bilateral Symmetry Has No Effect on Stereoscopic Shape Judgments. <i>I-Perception</i> , 2021, 12, 204166952110426.	1.4	4
27	Are mirror-symmetric objects of special importance for 3D shape perception? A reply to Sawada and Pizlo (2022). <i>Journal of Vision</i> , 2022, 22, 16.	0.3	2
28	Non-veridical Depth Perception Causes Symmetric 3D Objects to Appear Asymmetric, and Vice Versa. <i>Journal of Vision</i> , 2017, 17, 323.	0.3	1
29	The interaction between surface roughness and the illumination field on the perception of metallic materials. <i>Journal of Vision</i> , 2017, 17, 227.	0.3	1
30	Perceiving transparency from opaque surface materials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13191-13193.	7.1	0
31	Effects of illumination on the perceptual categorization of surface materials. <i>Journal of Vision</i> , 2018, 18, 887.	0.3	0
32	Changes in Viewing Distance Produce Systematic Distortions of the Apparent 3D Shapes of Symmetric Polyhedra. <i>Journal of Vision</i> , 2018, 18, 720.	0.3	0
33	The Effects of Bilateral Symmetry, Viewing Distance, and Scene Context on Apparent 3D Shape. <i>Journal of Vision</i> , 2019, 19, 197c.	0.3	0
34	Effects of the Spatial Spectrum on the Perception of Reflective and Refractive Materials. <i>Journal of Vision</i> , 2019, 19, 243.	0.3	0