J Farley Norman

List of Publications by Year
in descending order

117 papers	4,206 citations	109137 35 h-index	123241 61 g-index
118 all docs	118 docs citations	118 times ranked	2007 citing authors

#	Article	IF	Citations
1	Visual distance perception indoors, outdoors, and in the dark. Vision Research, 2022, 194, 107992.	0.7	6
2	Aging and the perception of tactile speed. Scientific Reports, 2022, 12, 5412.	1.6	0
3	Temporal integration in the perception and discrimination of solid shape. Attention, Perception, and Psychophysics, 2021, 83, 577-585.	0.7	2
4	Aging and the perception of texture-defined form. Vision Research, 2021, 187, 1-5.	0.7	0
5	Aging and the Perception of Motion-Defined Form. Perception, 2020, 49, 52-60.	0.5	5
6	The Visual Perception of Large-Scale Distances Outdoors. Perception, 2020, 49, 968-977.	0.5	7
7	Aging and haptic shape discrimination: the effects of variations in size. Scientific Reports, 2020, 10, 14690.	1.6	1
8	Effects of illumination on the categorization of shiny materials. Journal of Vision, 2020, 20, 2.	0.1	5
9	Aging and the perception of global structure. PLoS ONE, 2020, 15, e0233786.	1.1	5
10	The visual perception of emotion from masks. PLoS ONE, 2020, 15, e0227951.	1.1	2
11	Contours produced by internal specular interreflections provide visual information for the perception of glass materials. Journal of Vision, 2020, 20, 12.	0.1	4
12	The importance of contours for visual object recognition and discrimination. Psicologia Em Pesquisa, 2020, 14, 1-15.	0.0	0
13	Reflections on glass. Journal of Vision, 2019, 19, 26.	0.1	7
14	Peripheral threat detection in facial expressions by younger and older adults. Vision Research, 2019, 165, 22-30.	0.7	3
15	The Recognition of Solid Object Shape: The Importance of Inhomogeneity. I-Perception, 2019, 10, 204166951987055.	0.8	2
16	Aging and the perception of global structure. Journal of Vision, 2019, 19, 118.	0.1	0
17	The Peripheral View Melts Facial Emotion into a Blur: Investigating the Role of Spatial Frequency in Younger and Older Adultsâ€™ Peripheral Emotion Detection. Journal of Vision, 2019, 19, 181.	0.1	0
18	Haptic-visual crossmodal shape matching. Journal of Vision, 2019, 19, 198b.	0.1	0

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19	Haptic shape discrimination and interhemispheric communication. Scientific Reports, 2018, 8, 377.	1.6	8
20	Haptic Distance Ratio Estimation: The Geometry of Space Within the Hands. Perception, 2018, 47, 1166-1178.	0.5	1
21	The visual perception of metal. Journal of Vision, 2018, 18, 9.	0.1	20
22	Aging and the Visual Perception of Motion Direction: Solving the Aperture Problem. Perception, 2018, 47, 735-750.	0.5	8
23	Sex and age modulate the visual perception of distance. Attention, Perception, and Psychophysics, 2018, 80, 2022-2032.	0.7	8
24	Aging and the estimation of visual motion direction. Journal of Vision, 2018, 18, 350.	0.1	0
25	The visual perception of distance ratios outdoors. Attention, Perception, and Psychophysics, 2017, 79, 1195-1203.	0.7	10
26	Aging and Haptic-Visual Solid Shape Matching. Perception, 2017, 46, 976-986.	0.5	6
27	Aging and visual 3-D shape recognition from motion. Attention, Perception, and Psychophysics, 2017, 79, 2467-2477.	0.7	9
28	Visual and Haptic Perception. , 2017, , 2442-2453.		0
29	The outdoor perception of distance ratios. Journal of Vision, 2017, 17, 1044.	0.1	0
30	The visual perception of distance ratios in physical space. Vision Research, 2016, 123, 1-7.	0.7	15
31	Aging and the Haptic Perception of Material Properties. Perception, 2016, 45, 1387-1398.	0.5	11
32	The Visual Aesthetics of Snowflakes. Perception, 2016, 45, 1304-1319.	0.5	9
33	Dynamic cutaneous information is sufficient for precise curvature discrimination. Scientific Reports, 2016, 6, 25473.	1.6	13
34	Perceiving Object Shape from Specular Highlight Deformation, Boundary Contour Deformation, and Active Haptic Manipulation. PLoS ONE, 2016, 11, e0149058.	1.1	9
35	Visual and Haptic Perception. , 2016, , 1-12.		0
36	The visual perception of exocentric distance in outdoor settings. Vision Research, 2015, 117, 100-104.	0.7	18

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37	Aging and the visual perception of exocentric distance. Vision Research, 2015, 109, 52-58.	0.7	28
38	Aging and solid shape recognition: Vision and haptics. Vision Research, 2015, 115, 113-118.	0.7	11
39	Visual and Haptic Shape Recognition Memory. Journal of Vision, 2015, 15, 865.	0.1	0
40	Aging and visual length discrimination: Sequential dependencies, biases, and the effects of multiple implicit standards. Vision Research, 2014, 98, 89-98.	0.7	8
41	Short-Term Visual Deprivation, Tactile Acuity, and Haptic Solid Shape Discrimination. PLoS ONE, 2014, 9, e112828.	1.1	12
42	The effect of age upon the perception of 3-D shape from motion. Vision Research, 2013, 93, 54-61.	0.7	18
43	The visual discrimination of negative facial expressions by younger and older adults. Vision Research, 2013, 81, 12-17.	0.7	25
44	Aging and Curvature Discrimination from Static and Dynamic Touch. PLoS ONE, 2013, 8, e68577.	1.1	13
45	Aging and the discrimination of 3-D shape from motion and binocular disparity. Attention, Perception, and Psychophysics, 2012, 74, 1512-1521.	0.7	13
46	Solid shape discrimination from vision and haptics: natural objects (Capsicum annuum) and Gibsonâ€™s â€œfeeliesâ€• Experimental Brain Research, 2012, 222, 321-332.	0.7	22
47	Aging and Weight-Ratio Perception. PLoS ONE, 2012, 7, e47701.	1.1	12
48	Visual memories for perceived length are well preserved in older adults. Vision Research, 2011, 51, 2057-2062.	0.7	13
49	Aging and the haptic perception of 3D surface shape. Attention, Perception, and Psychophysics, 2011, 73, 908-918.	0.7	36
50	Blindness enhances tactile acuity and haptic 3-D shape discrimination. Attention, Perception, and Psychophysics, 2011, 73, 2323-2331.	0.7	76
51	Fechner, information, and shape perception. Attention, Perception, and Psychophysics, 2011, 73, 2353-2378.	0.7	19
52	Effective 3-D shape discrimination survives retinal blur. Attention, Perception, and Psychophysics, 2010, 72, 1569-1575.	0.7	12
53	Does monocular visual space contain planes?. Acta Psychologica, 2010, 134, 40-47.	0.7	19
54	Modulatory effects of binocular disparity and aging upon the perception of speed. Vision Research, 2010, 50, 65-71.	0.7	11

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55	Fechner's Aesthetics Revisited. Seeing and Perceiving, 2010, 23, 263-271.	0.4	18
56	The perception of 3-D shape from shadows cast onto curved surfaces. Acta Psychologica, 2009, 131, 1-11.	0.7	17
57	Stereoscopic shape discrimination is well preserved across changes in object size. Acta Psychologica, 2009, 131, 129-135.	0.7	12
58	Aging and the perception of slant from optical texture, motion parallax, and binocular disparity. Perception & Psychophysics, 2009, 71, 116-130.	2.3	36
59	Parietal regions processing visual 3D shape extracted from disparity. NeuroImage, 2009, 46, 1114-1126.	2.1	163
60	Aging and the Discrimination of Object Weight. Perception, 2009, 38, 1347-1354.	0.5	11
61	Poor shape perception is the reason reaches-to-grasp are visually guided online. Perception & Psychophysics, 2008, 70, 1032-1046.	2.3	31
62	Aging preserves the ability to perceive 3D object shape from static but not deforming boundary contours. Acta Psychologica, 2008, 129, 198-207.	0.7	34
63	Stereopsis and aging. Vision Research, 2008, 48, 2456-2465.	0.7	37
64	The Role of Explicit and Implicit Standards in Visual Speed Discrimination. Perception, 2008, 37, 889-901.	0.5	11
65	Learning to Perceive Differences in Solid Shape through Vision and Touch. Perception, 2008, 37, 185-196.	0.5	31
66	Aging and the depth of binocular rivalry suppression.. Psychology and Aging, 2007, 22, 625-631.	1.4	21
67	The Visual Discrimination of Bending. Perception, 2007, 36, 980-989.	0.5	10
68	Anterior Regions of Monkey Parietal Cortex Process Visual 3D Shape. Neuron, 2007, 55, 493-505.	3.8	163
69	Aging and the perception of local surface orientation from optical patterns of shading and specular highlights. Perception & Psychophysics, 2007, 69, 23-31.	2.3	14
70	Aging and the perception of 3-D shape from dynamic patterns of binocular disparity. Perception & Psychophysics, 2006, 68, 94-101.	2.3	27
71	Visual discrimination of local surface structure: Slant, tilt, and curvedness. Vision Research, 2006, 46, 1057-1069.	0.7	37
72	Aging and the Visual, Haptic, and Cross-Modal Perception of Natural Object Shape. Perception, 2006, 35, 1383-1395.	0.5	63

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73	The Perception of Distances and Spatial Relationships in Natural Outdoor Environments. Perception, 2005, 34, 1315-1324.	0.5	47
74	Lightness Constancy in the Presence of Specular Highlights. Psychological Science, 2004, 15, 33-39.	1.8	94
75	Perception of Three-Dimensional Shape From Specular Highlights, Deformations of Shading, and Other Types of Visual Information. Psychological Science, 2004, 15, 565-570.	1.8	109
76	Attention to 3-D Shape, 3-D Motion, and Texture in 3-D Structure from Motion Displays. Journal of Cognitive Neuroscience, 2004, 16, 665-682.	1.1	110
77	The visual perception of length along intrinsically curved surfaces. Perception & Psychophysics, 2004, 66, 77-88.	2.3	11
78	The visual and haptic perception of natural object shape. Perception & Psychophysics, 2004, 66, 342-351.	2.3	167
79	Aging and the Perception of Biological Motion.. Psychology and Aging, 2004, 19, 219-225.	1.4	79
80	Aging and the Perception of Depth and 3-D Shape From Motion Parallax.. Psychology and Aging, 2004, 19, 506-514.	1.4	53
81	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
82	Aging and the Perception of Speed. Perception, 2003, 32, 85-96.	0.5	98
83	The perception and discrimination of local 3-D surface structure from deforming and disparate boundary contours. Perception & Psychophysics, 2002, 64, 1145-1159.	2.3	24
84	<title>Perception of lightness of glossy surfaces</title>. , 2001, 4299, 302.		3
85	Information Concentration along the Boundary Contours of Naturally Shaped Solid Objects. Perception, 2001, 30, 1285-1294.	0.5	47
86	The Effects of Age upon the Perception of Depth and 3-D Shape from Differential Motion and Binocular Disparity. Perception, 2000, 29, 1335-1359.	0.5	62
87	The perception of length on curved and flat surfaces. Perception & Psychophysics, 2000, 62, 1133-1145.	2.3	29
88	The Perception and Recognition of Natural Object Shape from Deforming and Static Shadows. Perception, 2000, 29, 135-148.	0.5	45
89	The Temporal Course of Suppression during Binocular Rivalry. Perception, 2000, 29, 831-841.	0.5	39
90	The Perception of Scale-Dependent and Scale-Independent Surface Structure from Binocular Disparity, Texture, and Shading. Perception, 1998, 27, 147-166.	0.5	28

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91	On the Relative Salience of Euclidean, Affine, and Topological Structure for 3-D Form Discrimination. Perception, 1998, 27, 273-282.	0.5	52
92	Stereoscopic Discrimination of Interval and Ordinal Depth Relations on Smooth Surfaces and in Empty Space. Perception, 1998, 27, 257-272.	0.5	38
93	Effects of Texture, Illumination, and Surface Reflectance on Stereoscopic Shape Perception. Perception, 1997, 26, 807-822.	0.5	67
94	Integration of binocular stereopsis and structure from motion in the discrimination of noisy surfaces.. Journal of Experimental Psychology: Human Perception and Performance, 1997, 23, 1035-1049.	0.7	5
95	Spatial Interactions in Perceived Speed. Perception, 1996, 25, 815-830.	0.5	21
96	The visual perception of three-dimensional length.. Journal of Experimental Psychology: Human Perception and Performance, 1996, 22, 173-186.	0.7	162
97	Surface range and attitude probing in stereoscopically presented dynamic scenes.. Journal of Experimental Psychology: Human Perception and Performance, 1996, 22, 869-878.	0.7	26
98	The visual perception of rigid motion from constant flow fields. Perception & Psychophysics, 1996, 58, 666-679.	2.3	23
99	The Discriminability of Local Surface Structure. Perception, 1996, 25, 381-398.	0.5	44
100	The visual perception of three-dimensional length. Journal of Experimental Psychology: Human Perception and Performance, 1996, 22, 173-86.	0.7	126
101	Surface range and attitude probing in stereoscopically presented dynamic scenes. Journal of Experimental Psychology: Human Perception and Performance, 1996, 22, 869-78.	0.7	20
102	Systematic distortion of perceived three-dimensional structure from motion and binocular stereopsis.. Journal of Experimental Psychology: Human Perception and Performance, 1995, 21, 663-678.	0.7	151
103	Distortions of Three-Dimensional Space in the Perceptual Analysis of Motion and Stereo. Perception, 1995, 24, 75-86.	0.5	86
104	The Visual Discrimination of Relative Surface Orientation. Perception, 1995, 24, 855-866.	0.5	25
105	The perception of 3-D structure from contradictory optical patterns. Perception & Psychophysics, 1995, 57, 826-834.	2.3	29
106	The perception of surface orientation from multiple sources of optical information. Perception & Psychophysics, 1995, 57, 629-636.	2.3	117
107	The effects of spatiotemporal integration on maximum displacement thresholds for the detection of coherent motion. Vision Research, 1995, 35, 2287-2302.	0.7	35
108	Systematic distortion of perceived three-dimensional structure from motion and binocular stereopsis. Journal of Experimental Psychology: Human Perception and Performance, 1995, 21, 663-78.	0.7	97

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109	Perception of rigid motion in depth from the optical deformations of shadows and occlusion boundaries.. Journal of Experimental Psychology: Human Perception and Performance, 1994, 20, 343-356.	0.7	29
110	Perception of rigid motion in depth from the optical deformations of shadows and occlusion boundaries. Journal of Experimental Psychology: Human Perception and Performance, 1994, 20, 343-56.	0.7	22
111	The perceptual analysis of structure from motion for rotating objects undergoing affine stretching transformations. Perception & Psychophysics, 1993, 53, 279-291.	2.3	94
112	The perception of globally coherent motion. Vision Research, 1992, 32, 1015-1031.	0.7	105
113	The detection of surface curvatures defined by optical motion. Perception & Psychophysics, 1992, 51, 386-396.	2.3	73
114	The Detectability of Geometric Structure in Rapidly Changing Optical Patterns. Perception, 1991, 20, 513-528.	0.5	30
115	The Discriminability of Smooth Stereoscopic Surfaces. Perception, 1991, 20, 789-807.	0.5	24
116	The visual perception of smoothly curved surfaces from minimal apparent motion sequences. Perception & Psychophysics, 1991, 50, 509-523.	2.3	129
117	Spatiotemporal integration in the detection of coherent motion. Vision Research, 1984, 24, 47-53.	0.7	84