

Jacob Feldman

List of Publications by Year in descending order

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67
papers

3,986
citations

172457

29
h-index

128289

60
g-index

67
all docs

67
docs citations

67
times ranked

2352
citing authors

#	ARTICLE	IF	CITATIONS
1	Meaning and reference from a probabilistic point of view. <i>Cognition</i> , 2022, 223, 105058.	2.2	1
2	Mutual Information and Categorical Perception. <i>Psychological Science</i> , 2021, 32, 1298-1310.	3.3	9
3	Investigating Non-Rigid Structure-From-Motion: A Role for Part-Wise Rigidity?. <i>Journal of Vision</i> , 2021, 21, 2907.	0.3	0
4	Information-theoretic signal detection theory.. <i>Psychological Review</i> , 2021, 128, 976-987.	3.8	6
5	Shape discrimination along morph-spaces. <i>Vision Research</i> , 2019, 158, 189-199.	1.4	9
6	Perceptual biases in the interpretation of non-rigid structure from motion. <i>Journal of Vision</i> , 2019, 19, 198.	0.3	0
7	Shape similarity and shape categorization using Bayesian shape skeletons. <i>Journal of Vision</i> , 2019, 19, 128a.	0.3	0
8	The strong influence of contour geometry in Structure from Motion (SFM). <i>Journal of Vision</i> , 2019, 19, 198a.	0.3	2
9	When Is Accreting/Deleting Texture Seen as In Front? Interpretation of Depth From Texture Motion. <i>Perception</i> , 2018, 47, 694-721.	1.2	2
10	Perception of Intentionality in Avatars and AI Agents. <i>Journal of Vision</i> , 2018, 18, 49.	0.3	0
11	Violation of projective consistency in structure-from-motion: a role for skin motion?. <i>Journal of Vision</i> , 2018, 18, 298.	0.3	1
12	What Are the "True" Statistics of the Environment?. <i>Cognitive Science</i> , 2017, 41, 1871-1903.	1.7	7
13	Combination of speed profile of accreting/deleting texture and occluding contour geometry in determining relative depth. <i>Journal of Vision</i> , 2017, 17, 1377.	0.3	0
14	The influence of contour geometry on structure-from-motion: from symmetry to parallelism. <i>Journal of Vision</i> , 2017, 17, 414.	0.3	1
15	The simplicity principle in perception and cognition. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2016, 7, 330-340.	2.8	45
16	Investigating shape representation using sensitivity to part- and axis-based transformations. <i>Vision Research</i> , 2016, 126, 347-361.	1.4	12
17	The role of shape complexity in the detection of closed contours. <i>Vision Research</i> , 2016, 126, 220-231.	1.4	19
18	The Influence of Presentation Order on Category Transfer. <i>Experimental Psychology</i> , 2016, 63, 59-69.	0.7	8

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19	Bayesian hierarchical grouping: Perceptual grouping as mixture estimation.. Psychological Review, 2015, 122, 575-597.	3.8	33
20	Contour complexity and contour detection. Journal of Vision, 2015, 15, 6.	0.3	10
21	Bayesian inference and "truth": a comment on Hoffman, Singh, and Prakash. Psychonomic Bulletin and Review, 2015, 22, 1523-1525.	2.8	6
22	Inferring the intentional states of autonomous virtual agents. Cognition, 2014, 130, 360-379.	2.2	25
23	Tuning Your Priors to the World. Topics in Cognitive Science, 2013, 5, 13-34.	1.9	45
24	Rotating columns: Relating structure-from-motion, accretion/deletion, and figure/ground. Journal of Vision, 2013, 13, 6-6.	0.3	14
25	An Integrated Bayesian Approach to Shape Representation and Perceptual Organization. , 2013, , 55-70.		18
26	Principles of contour information: Reply to Lim and Leek (2012).. Psychological Review, 2012, 119, 678-683.	3.8	8
27	A century of Gestalt psychology in visual perception: II. Conceptual and theoretical foundations.. Psychological Bulletin, 2012, 138, 1218-1252.	6.1	324
28	Exploring the mental space of autonomous intentional agents. Attention, Perception, and Psychophysics, 2012, 74, 239-249.	1.3	7
29	What's magic about magic numbers? Chunking and data compression in short-term memory. Cognition, 2012, 122, 346-362.	2.2	194
30	Symbolic representation of probabilistic worlds. Cognition, 2012, 123, 61-83.	2.2	13
31	Curved apparent motion induced by amodal completion. Attention, Perception, and Psychophysics, 2012, 74, 350-364.	1.3	8
32	Conceptual complexity and the bias/variance tradeoff. Cognition, 2011, 118, 2-16.	2.2	89
33	Superordinate shape classification using natural shape statistics. Cognition, 2011, 119, 325-340.	2.2	48
34	Globally inconsistent figure/ground relations induced by a negative part. Journal of Vision, 2009, 9, 8-8.	0.3	23
35	The influence of shape and skeletal axis structure on texture perception. Journal of Vision, 2009, 9, 13-13.	0.3	15
36	A rule-based presentation order facilitates category learning. Psychonomic Bulletin and Review, 2009, 16, 1050-1057.	2.8	30

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37	Bayes and the simplicity principle in perception.. Psychological Review, 2009, 116, 875-887.	3.8	64
38	A Rational Analysis of Rule-Based Concept Learning. Cognitive Science, 2008, 32, 108-154.	1.7	218
39	Formation of visual "objects" in the early computation of spatial relations. Perception & Psychophysics, 2007, 69, 816-827.	2.3	80
40	An algebra of human concept learning. Journal of Mathematical Psychology, 2006, 50, 339-368.	1.8	99
41	The influence of spatial context and the role of intentionality in the interpretation of animacy from motion. Perception & Psychophysics, 2006, 68, 1047-1058.	2.3	93
42	Individuation of visual objects over time. Cognition, 2006, 99, 131-165.	2.2	53
43	Determination of visual figure and ground in dynamically deforming shapes. Cognition, 2006, 101, 530-544.	2.2	22
44	Bayesian estimation of the shape skeleton. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18014-18019.	7.1	145
45	Information Along Contours and Object Boundaries.. Psychological Review, 2005, 112, 243-252.	3.8	188
46	What change detection tells us about the visual representation of shape. Journal of Vision, 2005, 5, 3.	0.3	39
47	How surprising is a simple pattern? Quantifying "Eureka?". Cognition, 2004, 93, 199-224.	2.2	30
48	Perceptual Grouping by Selection of a Logically Minimal Model. International Journal of Computer Vision, 2003, 55, 5-25.	15.6	24
49	Detection of change in shape: an advantage for concavities. Cognition, 2003, 89, 1-9.	2.2	84
50	A catalog of Boolean concepts. Journal of Mathematical Psychology, 2003, 47, 75-89.	1.8	60
51	Visual comparisons within and between object parts: evidence for a single-part superiority effect. Vision Research, 2003, 43, 1655-1666.	1.4	68
52	What is a visual object?. Trends in Cognitive Sciences, 2003, 7, 252-256.	7.8	96
53	The Simplicity Principle in Human Concept Learning. Current Directions in Psychological Science, 2003, 12, 227-232.	5.3	143
54	Bayesian contour integration. Perception & Psychophysics, 2001, 63, 1171-1182.	2.3	85

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55	What is a visual object? Evidence from target merging in multiple object tracking. <i>Cognition</i> , 2001, 80, 159-177.	2.2	266
56	Bias toward regular form in mental shape spaces.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2000, 26, 152-165.	0.9	32
57	Minimization of Boolean complexity in human concept learning. <i>Nature</i> , 2000, 407, 630-633.	27.8	358
58	Perception of Animacy from the Motion of a Single Object. <i>Perception</i> , 2000, 29, 943-951.	1.2	356
59	Saccadic localization of occluded targets. <i>Vision Research</i> , 2000, 40, 2797-2811.	1.4	21
60	The role of objects in perceptual grouping. <i>Acta Psychologica</i> , 1999, 102, 137-163.	1.5	45
61	Mapping the Mental Space of Rectangles. <i>Perception</i> , 1998, 27, 1191-1202.	1.2	15
62	Curvilinearity, covariance, and regularity in perceptual groups. <i>Vision Research</i> , 1997, 37, 2835-2848.	1.4	61
63	Regularity-based Perceptual Grouping. <i>Computational Intelligence</i> , 1997, 13, 582-623.	3.2	40
64	The Structure of Perceptual Categories. <i>Journal of Mathematical Psychology</i> , 1997, 41, 145-170.	1.8	139
65	Regularity Vs Genericity in the Perception of Collinearity. <i>Perception</i> , 1996, 25, 335-342.	1.2	20
66	Perceptual models of small dot clusters. <i>DIMACS Series in Discrete Mathematics and Theoretical Computer Science</i> , 1995, , 331-357.	0.0	9
67	Causal models of spatial categories. <i>Behavioral and Brain Sciences</i> , 1993, 16, 244-245.	0.7	1