

Pascal Mamassian

List of Publications by Year in descending order

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Version: 2024-02-01

156
papers

5,379
citations

101384

36
h-index

95083

68
g-index

187
all docs

187
docs citations

187
times ranked

3501
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling perceptual confidence and the confidence forced-choice paradigm.. Psychological Review, 2022, 129, 976-998.	2.7	19
2	Uncertain perceptual confidence. Nature Human Behaviour, 2022, , .	6.2	1
3	Structure of visual biases revealed by individual differences. Vision Research, 2022, 195, 108014.	0.7	0
4	Age-related differences in visual confidence are driven by individual differences in cognitive control capacities. Scientific Reports, 2022, 12, 6016.	1.6	4
5	Speed estimation for visual tracking emerges dynamically from nonlinear frequency interactions. ENeuro, 2022, , ENEURO.0511-21.2022.	0.9	2
6	Consensus Goals in the Field of Visual Metacognition. Perspectives on Psychological Science, 2022, 17, 1746-1765.	5.2	15
7	Global visual confidence. Psychonomic Bulletin and Review, 2021, 28, 1233-1242.	1.4	15
8	Adaptation to one perceived motion direction can generate multiple velocity aftereffects. Journal of Vision, 2021, 21, 17.	0.1	0
9	Underconfidence in peripheral vision. Journal of Vision, 2021, 21, 2.	0.1	6
10	Contrasting contributions of movement onset and duration to self-evaluation of sensorimotor timing performance. European Journal of Neuroscience, 2021, 54, 5092-5111.	1.2	2
11	Neural signatures of confidence after the completion of a perceptual decision. Journal of Vision, 2021, 21, 2518.	0.1	0
12	Separable neural signatures of confidence during perceptual decisions. ELife, 2021, 10, .	2.8	7
13	Modeling visual estimation of the centers of symmetric distributions. Journal of Vision, 2021, 21, 2381.	0.1	0
14	Metacognitive blindness in temporal selection during the deployment of spatial attention. Cognition, 2021, 216, 104864.	1.1	4
15	Shape from Shadows. , 2021, , 1148-1150.		0
16	Perceptual confidence judgments reflect self-consistency. Journal of Vision, 2021, 21, 8.	0.1	17
17	Performance monitoring for sensorimotor confidence: A visuomotor tracking study. Cognition, 2020, 205, 104396.	1.1	24
18	Events are perceived earlier in peripheral vision. Current Biology, 2020, 30, R1299-R1300.	1.8	5

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19	Priors and payoffs in confidence judgments. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 3158-3175.	0.7	18
20	Confidence Forced-Choice and Other Metaperceptual Tasks*. <i>Perception</i> , 2020, 49, 616-635.	0.5	25
21	Sensory loss due to object formation. <i>Vision Research</i> , 2020, 174, 22-40.	0.7	6
22	Temporal context affects the perceived time of visual events. <i>Psychonomic Bulletin and Review</i> , 2020, 27, 56-61.	1.4	3
23	Confidence controls perceptual evidence accumulation. <i>Nature Communications</i> , 2020, 11, 1753.	5.8	58
24	Visual cue estimation with non-gaussian distribution. <i>Journal of Vision</i> , 2020, 20, 1436.	0.1	0
25	Measuring and Modeling Human Probabilistic Segmentation Maps. <i>Journal of Vision</i> , 2020, 20, 260.	0.1	1
26	When an Event Is Perceived Depends on Where We Attend. <i>I-Perception</i> , 2019, 10, 204166951985809.	0.8	3
27	Disambiguating serial effects of multiple timescales. <i>Journal of Vision</i> , 2019, 19, 24.	0.1	32
28	Temporal attention causes systematic biases in visual confidence. <i>Scientific Reports</i> , 2019, 9, 11622.	1.6	14
29	Metacognitive estimates of time during spatial orienting of attention. <i>Journal of Vision</i> , 2019, 19, 214c.	0.1	0
30	Dynamic non-linear interactions serving speed estimation inferred from channel interactions during ocular following. <i>Journal of Vision</i> , 2019, 19, 167b.	0.1	0
31	Under-confidence in peripheral vision. <i>Journal of Vision</i> , 2019, 19, 67c.	0.1	0
32	Sensitivity of confidence judgments for different duration estimations. <i>Journal of Vision</i> , 2019, 19, 211.	0.1	0
33	Temporal binding across senses facilitates change detection within senses. <i>Journal of Vision</i> , 2019, 19, 19a.	0.1	0
34	Graded, multidimensional representations of sensory evidence allow for dissociable performance in second-choice and confidence judgments.. <i>Journal of Vision</i> , 2019, 19, 289a.	0.1	0
35	Contextual effects in human gloss perception. <i>IS&T International Symposium on Electronic Imaging</i> , 2018, 30, 1-7.	0.3	3
36	Timing in the absence of a clock reset. <i>Journal of Vision</i> , 2018, 18, 13.	0.1	1

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37	Mapping the effects of stimulus history on perception. <i>Journal of Vision</i> , 2018, 18, 8.	0.1	3
38	Assessing the role of rewards and priors on confidence judgments. <i>Journal of Vision</i> , 2018, 18, 1046.	0.1	0
39	Speed uncertainty and motion perception with naturalistic random textures. <i>Journal of Vision</i> , 2018, 18, 345.	0.1	2
40	When a visual event is perceived depends on where it is presented. <i>Journal of Vision</i> , 2018, 18, 714.	0.1	0
41	Confidence blinks before attention. <i>Journal of Vision</i> , 2018, 18, 1112.	0.1	0
42	Sequential Effects in Confidence. <i>Journal of Vision</i> , 2018, 18, 658.	0.1	0
43	A Normalization Mechanism for Estimating Visual Motion across Speeds and Scales. <i>Current Biology</i> , 2017, 27, 1514-1520.e3.	1.8	13
44	A Glossy Simultaneous Contrast: Conjoint Measurements of Gloss and Lightness. <i>I-Perception</i> , 2017, 8, 204166951668777.	0.8	22
45	Multisensory Decisions: the Test of a Race Model, Its Logic, and Power. <i>Multisensory Research</i> , 2017, 30, 1-24.	0.6	29
46	Contextual effects on real bicolored glossy surfaces. <i>Journal of Vision</i> , 2017, 17, 17.	0.1	4
47	Limits of sensory fusion in audio-visual cue conflict stimuli. <i>Journal of Vision</i> , 2017, 17, 195.	0.1	1
48	Exogenous cues and visual confidence. <i>Journal of Vision</i> , 2017, 17, 670.	0.1	1
49	Dynamic visual localization with moving dot clouds. <i>Journal of Vision</i> , 2017, 17, 1166.	0.1	0
50	Interactions between horizontal and orientation disparities in stereopsis. <i>Journal of Vision</i> , 2017, 17, 1056.	0.1	0
51	Dissociable biases in orientation recall: The oblique effect follows retinal coordinates, while repulsion from cardinal follows real-world coordinates. <i>Journal of Vision</i> , 2017, 17, 107.	0.1	0
52	Perceptual effects of adaptation over multiple timescales. <i>Journal of Vision</i> , 2017, 17, 489.	0.1	0
53	Perception of duration in the absence of the clock reset. <i>Journal of Vision</i> , 2017, 17, 182.	0.1	0
54	Perceiving gloss behind transparent layers. <i>Journal of Vision</i> , 2017, 17, 226.	0.1	0

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55	Early, local motion signals generate directional preferences in depth ordering of transparent motion. <i>Journal of Vision</i> , 2016, 16, 24.	0.1	3
56	Confidence as a Common Currency between Vision and Audition. <i>PLoS ONE</i> , 2016, 11, e0147901.	1.1	74
57	Visual Confidence. <i>Annual Review of Vision Science</i> , 2016, 2, 459-481.	2.3	103
58	Sensory Plasticity: When Eye Movements Change Visual Appearance. <i>Current Biology</i> , 2016, 26, R24-R26.	1.8	0
59	Recalibration to audiovisual simultaneity: Insights from a temporal bisection task. <i>Journal of Vision</i> , 2016, 16, 862.	0.1	0
60	Changes in confidence judgments with perceptual aftereffects. <i>Journal of Vision</i> , 2016, 16, 537.	0.1	1
61	Speed channel interactions in naturalistic motion stimuli. <i>Journal of Vision</i> , 2016, 16, 1131.	0.1	0
62	Simultaneous gloss contrast: Conjoint measurements of lightness and gloss. <i>Journal of Vision</i> , 2016, 16, 943.	0.1	0
63	Sensory Development: Late Integration of Multiple Cues. <i>Current Biology</i> , 2015, 25, R1044-R1046.	1.8	1
64	Depth-of-Focus Affects 3D Perception in Stereoscopic Displays. <i>Perception</i> , 2015, 44, 613-627.	0.5	8
65	Persistent states in vision break universality and time invariance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14990-14995.	3.3	48
66	Computing global confidence: psychophysical evidence for an integration mechanism. <i>Journal of Vision</i> , 2015, 15, 974.	0.1	1
67	Weighting Mean and Variability during Confidence Judgments. <i>PLoS ONE</i> , 2015, 10, e0120870.	1.1	55
68	Gloss averaging and simultaneous contrast effects on real bicolored glossy surfaces. <i>Journal of Vision</i> , 2015, 15, 939.	0.1	0
69	History effects in perception after manipulating the statistics of the environment. <i>Journal of Vision</i> , 2015, 15, 392.	0.1	0
70	Early, local motion signals generate directional preferences in depth ordering of transparent motion. <i>Journal of Vision</i> , 2015, 15, 6.	0.1	6
71	Random walks of internal visual states. <i>Journal of Vision</i> , 2015, 15, 1303.	0.1	0
72	Structure learning and the Occam's razor principle: a new view of human function acquisition. <i>Frontiers in Computational Neuroscience</i> , 2014, 8, 121.	1.2	13

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73	The prediction of visual stimuli influences auditory loudness discrimination. <i>Experimental Brain Research</i> , 2014, 232, 3317-3324.	0.7	12
74	Effect of the accommodation-vergence conflict on vergence eye movements. <i>Vision Research</i> , 2014, 100, 124-133.	0.7	56
75	Does Confidence Use a Common Currency Across Two Visual Tasks?. <i>Psychological Science</i> , 2014, 25, 1286-1288.	1.8	107
76	Perceived Rigidity in Motion-in-Depth Increases with Contour Perspective. <i>Perception</i> , 2014, 43, 481-498.	0.5	2
77	Shape from Shadows. , 2014, , 724-725.		0
78	Response: Genuine long-term positive aftereffects. <i>Current Biology</i> , 2013, 23, R439-R440.	1.8	1
79	Principles of Multisensory Behavior. <i>Journal of Neuroscience</i> , 2013, 33, 7463-7474.	1.7	86
80	Dual Process for Intentional and Reactive Decisions. <i>PLoS Computational Biology</i> , 2013, 9, e1003013.	1.5	4
81	How the Statistics of Sequential Presentation Influence the Learning of Structure. <i>PLoS ONE</i> , 2013, 8, e62276.	1.1	9
82	Comparison of the Distortion of Probability Information in Decision Under Risk and an Equivalent Visual Task. <i>Psychological Science</i> , 2012, 23, 419-426.	1.8	16
83	Disparity-based stereomotion detectors are poorly suited to track 2D motion. <i>Journal of Vision</i> , 2012, 12, 15-15.	0.1	2
84	More is not always better: adaptive gain control explains dissociation between perception and action. <i>Nature Neuroscience</i> , 2012, 15, 1596-1603.	7.1	60
85	Perception of stereo at different vergence distances: Implications for realism. , 2012, , .		1
86	Noise and Correlations in Parallel Perceptual Decision Making. <i>Current Biology</i> , 2012, 22, 1391-1396.	1.8	95
87	Principles of multisensory behavior. <i>Seeing and Perceiving</i> , 2012, 25, 4.	0.4	0
88	The effect of audio-visual expectancies on stereoacuity. <i>Seeing and Perceiving</i> , 2012, 25, 160.	0.4	0
89	Predictive Properties of Visual Adaptation. <i>Current Biology</i> , 2012, 22, 622-626.	1.8	169
90	Processing temporal events simultaneously in healthy human adults and in hemi-neglect patients. <i>Neuropsychologia</i> , 2012, 50, 791-799.	0.7	9

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91	Stereopsis and binocular rivalry are based on perceived rather than physical orientations. <i>Vision Research</i> , 2012, 63, 63-68.	0.7	4
92	Synchronized Audio-Visual Transients Drive Efficient Visual Search for Motion-in-Depth. <i>PLoS ONE</i> , 2012, 7, e37190.	1.1	11
93	Sustained directional biases in motion transparency. <i>Journal of Vision</i> , 2011, 10, 23-23.	0.1	17
94	Usefulness influences visual appearance in motion transparency depth rivalry. <i>Journal of Vision</i> , 2011, 11, 18-18.	0.1	12
95	Pursuing motion illusions: A realistic oculomotor framework for Bayesian inference. <i>Vision Research</i> , 2011, 51, 867-880.	0.7	22
96	The role of transparency in da Vinci stereopsis. <i>Vision Research</i> , 2011, 51, 2186-2197.	0.7	7
97	Active control does not eliminate motion-induced illusory displacement. , 2011, , .		1
98	Introspective duration estimation of reactive and proactive motor responses. <i>Acta Psychologica</i> , 2010, 134, 142-153.	0.7	10
99	Recovery of surface pose from texture orientation statistics under perspective projection. <i>Biological Cybernetics</i> , 2010, 103, 199-212.	0.6	6
100	The verticalâ€“horizontal illusion in hemi-spatial neglect. <i>Neuropsychologia</i> , 2010, 48, 3245-3251.	0.7	11
101	A simple model of the verticalâ€“horizontal illusion. <i>Vision Research</i> , 2010, 50, 956-962.	0.7	44
102	It's that time again. <i>Nature Neuroscience</i> , 2010, 13, 914-916.	7.1	18
103	Multisensory Processing in Review: from Physiology to Behaviour. <i>Seeing and Perceiving</i> , 2010, 23, 3-38.	0.4	239
104	Flexible mechanisms underlie the evaluation of visual confidence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20834-20839.	3.3	73
105	Prior knowledge of illumination for 3D perception in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16309-16314.	3.3	47
106	Task Usefulness Affects Perception of Rivalrous Images. <i>Psychological Science</i> , 2010, 21, 1886-1893.	1.8	17
107	â€œWhere is the sunâ€“for hemi-neglect patients?. <i>Brain and Cognition</i> , 2010, 72, 264-270.	0.8	8
108	A New Look at Sensory Attenuation. <i>Psychological Science</i> , 2010, 21, 1740-1745.	1.8	148

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109	Evaluation of Objective Uncertainty in the Visual System. PLoS Computational Biology, 2009, 5, e1000504.	1.5	70
110	Bayesian decision theory as a model of human visual perception: Testing Bayesian transfer. Visual Neuroscience, 2009, 26, 147-155.	0.5	215
111	Comparison of perceptual and motor latencies via anticipatory and reactive response times. Perception & Psychophysics, 2009, 71, 82-94.	2.3	16
112	Relationship between eye preference and binocular rivalry, and between eye-hand preference and reading ability in children. Developmental Psychobiology, 2008, 50, 789-798.	0.9	17
113	What does the illusory-flash look like?. Vision Research, 2008, 48, 63-69.	0.7	51
114	Ambiguities and conventions in the perception of visual art. Vision Research, 2008, 48, 2143-2153.	0.7	71
115	The role of the corpus callosum in the perception of reversible figures in children. Vision Research, 2008, 48, 2451-2455.	0.7	8
116	Audiovisual integration of stimulus transients. Vision Research, 2008, 48, 2537-2544.	0.7	33
117	Overconfidence in an Objective Anticipatory Motor Task. Psychological Science, 2008, 19, 601-606.	1.8	49
118	If I saw it, it probably wasn't far from where I was looking. Journal of Vision, 2008, 8, 7.	0.1	19
119	Diagnosis of Hyperactivity Disorder in Gifted Children Depends on Observational Sources. Gifted and Talented International, 2007, 22, 62-67.	0.2	2
120	Temporal order judgment and simple reaction times: Evidence for a common processing system. Journal of Vision, 2007, 7, 11.	0.1	56
121	Shape from shading: New perspectives from the Polo Mint stimulus. Journal of Vision, 2007, 7, 13.	0.1	26
122	Visual estimation under risk. Journal of Vision, 2007, 7, 4.	0.1	29
123	Bayesian modeling of dynamic motion integration. Journal of Physiology (Paris), 2007, 101, 64-77.	2.1	42
124	Temporal dynamics of stereo correspondence bi-stability. Vision Research, 2006, 46, 3575-3585.	0.7	6
125	Bayesian inference of form and shape. Progress in Brain Research, 2006, 154, 265-270.	0.9	6
126	Temporal dynamics in bistable perception. Journal of Vision, 2005, 5, 7.	0.1	79

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127	Selective biasing of stereo correspondence in an ambiguous stereogram. <i>Vision Research</i> , 2005, 45, 469-483.	0.7	9
128	The effects of task and saliency on latencies for colour and motion processing. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 139-146.	1.2	30
129	Bayesian combination of ambiguous shape cues. <i>Journal of Vision</i> , 2004, 4, 7.	0.1	32
130	Impossible Shadows and the Shadow Correspondence Problem. <i>Perception</i> , 2004, 33, 1279-1290.	0.5	48
131	Object Perception as Bayesian Inference. <i>Annual Review of Psychology</i> , 2004, 55, 271-304.	9.9	1,113
132	No evidence for sequential effects of the interaction of stereo and motion cues in judgements of perceived shape. <i>Vision Research</i> , 2004, 44, 483-487.	0.7	1
133	The efficiency of depth discrimination for non-transparent and transparent stereoscopic surfaces. <i>Vision Research</i> , 2004, 44, 2253-2267.	0.7	21
134	Internal surface representations approximated by reverse correlation. <i>Vision Research</i> , 2004, 44, 2515-2520.	0.7	7
135	The Influence of Object Size and Surface Shape on Shape Constancy from Stereo. <i>Perception</i> , 2004, 33, 237-247.	0.5	7
136	The efficiency of depth discrimination for non-transparent and transparent stereoscopic surfaces. , 2004, 44, 2253-2253.		1
137	Spatial and temporal tuning of motion in depth. <i>Vision Research</i> , 2003, 43, 2861-2873.	0.7	26
138	Bayesian modeling of cue interaction: bistability in stereoscopic slant perception. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2003, 20, 1398.	0.8	70
139	The efficiency of speed discrimination for coherent and transparent motion. <i>Vision Research</i> , 2003, 43, 2795-2810.	0.7	15
140	Neural correlates of shape from shading. <i>NeuroReport</i> , 2003, 14, 971-975.	0.6	20
141	Neural correlates of shape from shading. <i>NeuroReport</i> , 2003, 14, 971-975.	0.6	31
142	Common mechanisms for 2D tilt and 3D slant after-effects. <i>Vision Research</i> , 2002, 42, 2563-2568.	0.7	5
143	Amodal Completion and the Perception of Depth without Binocular Correspondence. <i>Perception</i> , 2002, 31, 1037-1045.	0.5	12
144	Sensory coding and the natural environment: Probabilistic models of perception. <i>Color Research and Application</i> , 2002, 27, 219-219.	0.8	0

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145	Bayesian Modelling of Visual Perception. , 2002, , 13-36.		36
146	Interaction of visual prior constraints. Vision Research, 2001, 41, 2653-2668.	0.7	89
147	Prior knowledge on the illumination position. Cognition, 2001, 81, B1-B9.	1.1	191
148	The perception of cast shadows. Trends in Cognitive Sciences, 1998, 2, 288-295.	4.0	172
149	Observer biases in the 3D interpretation of line drawings. Vision Research, 1998, 38, 2817-2832.	0.7	168
150	Moving Cast Shadows Induce Apparent Motion in Depth. Perception, 1997, 26, 171-192.	0.5	168
151	Geometry of shadows. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1997, 14, 3216.	0.8	44
152	Prehension of objects oriented in three-dimensional space. Experimental Brain Research, 1997, 114, 235-245.	0.7	56
153	Illumination, Shading and the Perception of Local Orientation. Vision Research, 1996, 36, 2351-2367.	0.7	48
154	Categorical Local-Shape Perception. Perception, 1996, 25, 95-107.	0.5	18
155	Illusory motion from shadows. Nature, 1996, 379, 31-31.	13.7	129
156	<title>Isophotes on a smooth surface related to scene geometry</title>. , 1993, 2031, 124.		4