Pawan Sinha

List of Publications by Year
in descending order

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Version: 2024-02-01

85 papers	4,205 citations	172457 29 h-index	118850 62 g-index
86 all docs	86 docs citations	86 times ranked	3981 citing authors

#	Article	IF	Citations
1	Prenatal auditory experience and its sequelae. Developmental Science, 2023, 26, e13278.	2.4	2
2	Vulnerability of facial attractiveness perception to early and multiâ€year visual deprivation. Developmental Science, 2022, , .	2.4	0
3	Development of Visual Memory Capacity Following Early-Onset and Extended Blindness. Psychological Science, 2022, 33, 847-858.	3.3	1
4	Visual perspective taking is not automatic in a simplified Dot task: Evidence from newly sighted children, primary school children and adults. Neuropsychologia, 2022, 172, 108256.	1.6	1
5	Human (but not animal) motion can be recognized at first sight â€“ After treatment for congenital blindness. Neuropsychologia, 2022, 174, 108307.	1.6	3
6	Head turning is an effective cue for gaze following: Evidence from newly sighted individuals, school children and adults. Neuropsychologia, 2022, , 108330.	1.6	1
7	Reduced Sensory Habituation in Autism and Its Correlation with Behavioral Measures. Journal of Autism and Developmental Disorders, 2021, 51, 3153-3164.	2.7	28
8	Autonomic and Electrophysiological Evidence for Reduced Auditory Habituation in Autism. Journal of Autism and Developmental Disorders, 2021, 51, 2218-2228.	2.7	11
9	Prediction in Autism Spectrum Disorder: A Systematic Review of Empirical Evidence. Autism Research, 2021, 14, 604-630.	3.8	64
10	Impact of Temporal Visual Flicker on Spatial Contrast Sensitivity in Myopia. Frontiers in Neuroscience, 2021, 15, 710344.	2.8	1
11	Influence of visual feedback persistence on visuo-motor skill improvement. Scientific Reports, 2021, 11, 17347.	3.3	4
12	Resilience of temporal processing to early and extended visual deprivation. Vision Research, 2021, 186, 80-86.	1.4	7
13	Drawing from the Mindâ€™s Eye: The Development of Drawing in Sight-Restored Children.. Journal of Vision, 2021, 21, 2842.	0.3	0
14	Mechanisms underlying simultaneous brightness contrast: Early and innate. Vision Research, 2020, 173, 41-49.	1.4	15
15	Response to Katzhendler and Weinshall: Initial visual degradation during development may be adaptive. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18767-18768.	7.1	1
16	White-Matter Plasticity Following Sight-Restoration in Congenitally Blind Patients. Journal of Vision, 2019, 19, 277d.	0.3	1
17	Temporal consequences of spatial acuity reduction. Journal of Vision, 2019, 19, 206c.	0.3	0
18	Characterizing Global Motion Perception Following Treatment for Bilateral Congenital Cataracts. Journal of Vision, 2019, 19, 285c.	0.3	1

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19	Development of facial expression recognition following extended blindness: The importance of motion. Journal of Vision, 2019, 19, 21a.	0.3	3
20	How the Brain Learns to See Biological Motion After Recovering from Visual Deprivation. Journal of Vision, 2019, 19, 191a.	0.3	0
21	Recognizing Facial Slivers. Journal of Cognitive Neuroscience, 2018, 30, 951-962.	2.3	14
22	Potential downside of high initial visual acuity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11333-11338.	7.1	77
23	Why Does the Cortex Reorganize after Sensory Loss?. Trends in Cognitive Sciences, 2018, 22, 569-582.	7.8	51
24	Emergence of categorical face perception after extended early-onset blindness. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6139-6143.	7.1	31
25	Pawan Sinha. Current Biology, 2017, 27, R329-R331.	3.9	0
26	Enhancing research with Plenary Labs. Science and Public Policy, 2017, 44, 434-439.	2.4	0
27	Neural Correlates of Dynamic Face Perception. Journal of Vision, 2017, 17, 266.	0.3	0
28	How does poor initial acuity impact visual development? A computational investigation. Journal of Vision, 2017, 17, 1105.	0.3	0
29	NeuroScience and Service. Neuron, 2016, 92, 647-652.	8.1	6
30	Neural correlates of the food/non-food visual distinction. Biological Psychology, 2016, 115, 35-42.	2.2	18
31	Reduced Habituation to Naturalistic Stimuli in Autism. Journal of Vision, 2016, 16, 478.	0.3	2
32	A possible account of impairments in configural face processing following early visual deprivation. Journal of Vision, 2016, 16, 1120.	0.3	0
33	Top-Down Knowledge Improves Recognition of Noisy Haptic Patterns in the Blind and Sighted. Journal of Vision, 2016, 16, 144.	0.3	0
34	Immediate susceptibility to visual illusions after sight onset. Current Biology, 2015, 25, R358-R359.	3.9	45
35	Motion sequence analysis in the presence of figural cues. Neurocomputing, 2015, 147, 485-491.	5.9	1
36	Neural Correlates of Letter Reversal in Children and Adults. PLoS ONE, 2014, 9, e98386.	2.5	30

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37	Results of late surgical intervention in children with early-onset bilateral cataracts. British Journal of Ophthalmology, 2014, 98, 1424-1428.	3.9	41
38	Development of pattern vision following early and extended blindness. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2035-2039.	7.1	84
39	Improvement in Spatial Imagery Following Sight Onset Late in Childhood. Psychological Science, 2014, 25, 693-701.	3.3	19
40	Perception of Tactile Graphics: Embossings Versus Cutouts. Multisensory Research, 2014, 27, 111-125.	1.1	13
41	Autism as a disorder of prediction. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15220-15225.	7.1	396
42	Once Blind and Now They See. Scientific American, 2013, 309, 48-55.	1.0	21
43	Restoring Vision through â€œProject Prakashâ€: The Opportunities for Merging Science and Service. PLoS Biology, 2013, 11, e1001741.	5.6	15
44	Lateralization of face processing in the human brain. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2052-2061.	2.6	136
45	EEG responses to facial contrast-chimeras. Journal of Integrative Neuroscience, 2012, 11, 201-211.	1.7	6
46	Imaging prior information in the brain. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7935-7940.	7.1	37
47	Recognizing Degraded Faces: The Contribution of Configural and Featural Cues. Perception, 2012, 41, 1497-1511.	1.2	39
48	Superimposed Hemifields in Primary Visual Cortex of Achiasmic Individuals. Neuron, 2012, 75, 353-355.	8.1	10
49	Sight restoration. F1000 Medicine Reports, 2012, 4, 17.	2.9	19
50	The newly sighted fail to match seen with felt. Nature Neuroscience, 2011, 14, 551-553.	14.8	188
51	A Perceptually Based Comparison of Image Similarity Metrics. Perception, 2011, 40, 1269-1281.	1.2	27
52	EEG correlates of categorical and graded face perception. Neuropsychologia, 2011, 49, 3847-3853.	1.6	23
53	Face Recognition by Computers and Humans. Computer, 2010, 43, 46-55.	1.1	80
54	Analyzing Dynamic Faces: Key Computational Challenges. , 2010, , 177-186.		1

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55	Visual Parsing After Recovery From Blindness. Psychological Science, 2009, 20, 1484-1491.	3.3	105
56	Learned prediction affects body perception. Visual Cognition, 2009, 17, 679-699.	1.6	2
57	Role of ordinal contrast relationships in face encoding. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5353-5358.	7.1	68
58	The role of sequence order in determining view canonicality for novel wire-frame objects. Attention, Perception, and Psychophysics, 2009, 71, 712-723.	1.3	4
59	Biederman and Cooper's 1991 Paper. Perception, 2009, 38, 809-825.	1.2	17
60	Challenges in object recognition: selectivity vs invariance. Perception, 2009, 38, 820-1; discussion 824-5.	1.2	0
61	Portraits and perception: configural information in creating and recognizing face images. Spatial Vision, 2008, 21, 119-135.	1.4	1
62	Observinga Object Motion Induces Increased Generalization and Sensitivity. Perception, 2008, 37, 1160-1174.	1.2	15
63	Real-World Face Recognition: The Importance of Surface Reflectance Properties. Perception, 2007, 36, 1368-1374.	1.2	66
64	â€œFilling-inâ€•colour in natural scenes. Visual Cognition, 2007, 15, 765-778.	1.6	18
65	The utility of surface reflectance for the recognition of upright and inverted faces. Vision Research, 2007, 47, 157-165.	1.4	89
66	Visual object concept discovery: Observations in congenitally blind children, and a computational approach. Neurocomputing, 2007, 70, 2218-2233.	5.9	16
67	Face Recognition by Humans: Nineteen Results All Computer Vision Researchers Should Know About. Proceedings of the IEEE, 2006, 94, 1948-1962.	21.3	509
68	Is Pigmentation Important for Face Recognition? Evidence from Contrast Negation. Perception, 2006, 35, 749-759.	1.2	129
69	Receptive Field Structures for Recognition. Neural Computation, 2006, 18, 497-520.	2.2	7
70	Vision Following Extended Congenital Blindness. Psychological Science, 2006, 17, 1009-1014.	3.3	141
71	Receptive Field Structures for Recognition. Neural Computation, 2006, 18, 497-520.	2.2	7
72	Perceiving Illumination Inconsistencies in Scenes. Perception, 2005, 34, 1301-1314.	1.2	113

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73	Contextually Evoked Object-Specific Responses in Human Visual Cortex. Science, 2004, 304, 115-117.	12.6	156
74	Object recognition and Random Image Structure Evolution. Cognitive Science, 2004, 28, 259-287.	1.7	62
75	The Role of Eyebrows in Face Recognition. Perception, 2003, 32, 285-293.	1.2	282
76	Use of 2D Similarity Metrics for 3D Object Recognition. IETE Journal of Research, 2003, 49, 113-125.	2.6	0
77	Contribution of Color to Face Recognition. Perception, 2002, 31, 995-1003.	1.2	167
78	Effects of early experience on children's recognition of facial displays of emotion.. Developmental Psychology, 2002, 38, 784-791.	1.6	239
79	Role of motion integration in contour perception. Vision Research, 2001, 41, 705-710.	1.4	6
80	Last but Not Least. Perception, 2000, 29, 1005-1008.	1.2	47
81	Top-down influences on stereoscopic depth-perception. Nature Neuroscience, 1998, 1, 254-257.	14.8	156
82	Doggone Dalmatian!. Perception, 1997, 26, 667-667.	1.2	0
83	Topâ€“down learning of low-level vision tasks. Current Biology, 1997, 7, 991-994.	3.9	35
84	The Coherence of Subjective Gratings. Vision Research, 1996, 36, 3661-3665.	1.4	0
85	Role of learning in three-dimensional form perception. Nature, 1996, 384, 460-463.	27.8	170