

Fang Fang

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

3,313
citations

201674

27
h-index

175258

52
g-index

96
all docs

96
docs citations

96
times ranked

2871
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical responses to invisible objects in the human dorsal and ventral pathways. <i>Nature Neuroscience</i> , 2005, 8, 1380-1385.	14.8	364
2	A gender- and sexual orientation-dependent spatial attentional effect of invisible images. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17048-17052.	7.1	307
3	Neural Activities in V1 Create a Bottom-Up Saliency Map. <i>Neuron</i> , 2012, 73, 183-192.	8.1	176
4	Orientation-Tuned fMRI Adaptation in Human Visual Cortex. <i>Journal of Neurophysiology</i> , 2005, 94, 4188-4195.	1.8	170
5	Viewer-Centered Object Representation in the Human Visual System Revealed by Viewpoint Aftereffects. <i>Neuron</i> , 2005, 45, 793-800.	8.1	156
6	Attention-Dependent Representation of a Size Illusion in Human V1. <i>Current Biology</i> , 2008, 18, 1707-1712.	3.9	149
7	Duration-Dependent fMRI Adaptation and Distributed Viewer-Centered Face Representation in Human Visual Cortex. <i>Cerebral Cortex</i> , 2007, 17, 1402-1411.	2.9	117
8	Perceptual grouping and inverse fMRI activity patterns in human visual cortex. <i>Journal of Vision</i> , 2008, 8, 2.	0.3	97
9	Attention-Dependent Early Cortical Suppression Contributes to Crowding. <i>Journal of Neuroscience</i> , 2014, 34, 10465-10474.	3.6	77
10	Simulating human saccadic scanpaths on natural images. , 2011, , .		74
11	Perceptual learning modifies the functional specializations of visual cortical areas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5724-5729.	7.1	74
12	Function and Structure of Human Left Fusiform Cortex Are Closely Associated with Perceptual Learning of Faces. <i>Current Biology</i> , 2014, 24, 222-227.	3.9	70
13	Border Ownership Selectivity in Human Early Visual Cortex and its Modulation by Attention. <i>Journal of Neuroscience</i> , 2009, 29, 460-465.	3.6	65
14	Sequential sampling of visual objects during sustained attention. <i>PLoS Biology</i> , 2017, 15, e2001903.	5.6	64
15	Responses to Lightness Variations in Early Human Visual Cortex. <i>Current Biology</i> , 2007, 17, 989-993.	3.9	61
16	Task modulations of racial bias in neural responses to others' suffering. <i>NeuroImage</i> , 2014, 88, 263-270.	4.2	58
17	The effect of crowding on orientation-selective adaptation in human early visual cortex. <i>Journal of Vision</i> , 2009, 9, 13-13.	0.3	57
18	Sharpened cortical tuning and enhanced cortico-cortical communication contribute to the long-term neural mechanisms of visual motion perceptual learning. <i>NeuroImage</i> , 2015, 115, 17-29.	4.2	56

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19	Perceptual Learning of Contrast Detection in the Human Lateral Geniculate Nucleus. <i>Current Biology</i> , 2016, 26, 3176-3182.	3.9	52
20	The causal role of β -oscillations in feature binding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17023-17028.	7.1	47
21	Crowding alters the spatial distribution of attention modulation in human primary visual cortex. <i>Journal of Vision</i> , 2008, 8, 6-6.	0.3	42
22	Transfer of the face viewpoint aftereffect from adaptation to different and inverted faces. <i>Journal of Vision</i> , 2007, 7, 6.	0.3	39
23	Perceptual consequences of face viewpoint adaptation: Face viewpoint aftereffect, changes of differential sensitivity to face view, and their relationship. <i>Journal of Vision</i> , 2010, 10, 1-11.	0.3	37
24	Learning to Discriminate Face Views. <i>Journal of Neurophysiology</i> , 2010, 104, 3305-3311.	1.8	35
25	Preferential responses to occluded objects in the human visual cortex. <i>Journal of Vision</i> , 2008, 8, 16.	0.3	33
26	Misbinding of Color and Motion in Human Visual Cortex. <i>Current Biology</i> , 2014, 24, 1354-1360.	3.9	32
27	Position shifts of fMRI-based population receptive fields in human visual cortex induced by Ponzo illusion. <i>Experimental Brain Research</i> , 2015, 233, 3535-3541.	1.5	32
28	Lie detection with contingent negative variation. <i>International Journal of Psychophysiology</i> , 2003, 50, 247-255.	1.0	29
29	Decoding Visual Location From Neural Patterns in the Auditory Cortex of the Congenitally Deaf. <i>Psychological Science</i> , 2015, 26, 1771-1782.	3.3	29
30	The Critical Role of V2 Population Receptive Fields in Visual Orientation Crowding. <i>Current Biology</i> , 2019, 29, 2229-2236.e3.	3.9	28
31	Face adaptation improves gender discrimination. <i>Vision Research</i> , 2011, 51, 105-110.	1.4	27
32	Stabilized Structure from Motion without Disparity Induces Disparity Adaptation. <i>Current Biology</i> , 2004, 14, 247-251.	3.9	25
33	Time course of amodal completion in face perception. <i>Vision Research</i> , 2009, 49, 752-758.	1.4	25
34	Opposite Modulation of High- and Low-Level Visual Aftereffects by Perceptual Grouping. <i>Current Biology</i> , 2012, 22, 1040-1045.	3.9	25
35	Out of mind, out of sight? Investigating abnormal face scanning in autism spectrum disorder using gaze-contingent paradigm. <i>Developmental Science</i> , 2020, 23, e12856.	2.4	22
36	Eye avoidance in young children with autism spectrum disorder is modulated by emotional facial expressions.. <i>Journal of Abnormal Psychology</i> , 2018, 127, 722-732.	1.9	22

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37	Effects of face view discrimination learning on N170 latency and amplitude. <i>Vision Research</i> , 2012, 61, 125-131.	1.4	21
38	Global versus local: double dissociation between MT+ and V3A in motion processing revealed using continuous theta burst transcranial magnetic stimulation. <i>Experimental Brain Research</i> , 2014, 232, 4035-4041.	1.5	21
39	Children with Autism Spectrum Disorder Prefer Looking at Repetitive Movements in a Preferential Looking Paradigm. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 2821-2831.	2.7	21
40	Competing rhythmic neural representations of orientations during concurrent attention to multiple orientation features. <i>Nature Communications</i> , 2019, 10, 5264.	12.8	20
41	Transcranial direct current stimulation over the visual cortex facilitates awake consolidation of visual perceptual learning. <i>Brain Stimulation</i> , 2022, 15, 380-382.	1.6	20
42	Attention modulates neuronal correlates of interhemispheric integration and global motion perception. <i>Journal of Vision</i> , 2014, 14, 30-30.	0.3	19
43	Neural activities in V1 create the bottom-up saliency map of natural scenes. <i>Experimental Brain Research</i> , 2016, 234, 1769-1780.	1.5	19
44	Academic dishonesty and its relations to peer cheating and culture: A meta-analysis of the perceived peer cheating effect. <i>Educational Research Review</i> , 2022, 36, 100455.	7.8	19
45	Selective spatial attention involves two alpha-band components associated with distinct spatiotemporal and functional characteristics. <i>NeuroImage</i> , 2019, 199, 228-236.	4.2	18
46	Neural mechanisms of motion perceptual learning in noise. <i>Human Brain Mapping</i> , 2017, 38, 6029-6042.	3.6	15
47	Visual perceptual learning modulates decision network in the human brain: The evidence from psychophysics, modeling, and functional magnetic resonance imaging. <i>Journal of Vision</i> , 2018, 18, 9.	0.3	14
48	Perceptual learning and recognition confusion reveal the underlying relationships among the six basic emotions. <i>Cognition and Emotion</i> , 2019, 33, 754-767.	2.0	14
49	Offline transcranial direct current stimulation improves the ability to perceive crowded targets. <i>Journal of Vision</i> , 2021, 21, 1.	0.3	14
50	Boosting visual perceptual learning by transcranial alternating current stimulation over the visual cortex at alpha frequency. <i>Brain Stimulation</i> , 2022, 15, 546-553.	1.6	14
51	Strong influence of test patterns on the perception of motion aftereffect and position. <i>Journal of Vision</i> , 2004, 4, 9.	0.3	13
52	Tilt aftereffect from orientation discrimination learning. <i>Experimental Brain Research</i> , 2011, 215, 227-234.	1.5	13
53	Object-based attention guided by an invisible object. <i>Experimental Brain Research</i> , 2012, 223, 397-404.	1.5	13
54	Predictive feature remapping before saccadic eye movements. <i>Journal of Vision</i> , 2017, 17, 14.	0.3	13

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55	Attention Priority Map of Face Images in Human Early Visual Cortex. <i>Journal of Neuroscience</i> , 2018, 38, 149-157.	3.6	13
56	The role of gaze direction in face viewpoint aftereffect. <i>Vision Research</i> , 2009, 49, 2322-2327.	1.4	12
57	Cortical Dynamics Underlying Face Completion in Human Visual System. <i>Journal of Neuroscience</i> , 2010, 30, 16692-16698.	3.6	12
58	Cue-triggered activity replay in human early visual cortex. <i>Science China Life Sciences</i> , 2021, 64, 144-151.	4.9	12
59	Neural plasticity in high-level visual cortex underlying object perceptual learning. <i>Frontiers in Biology</i> , 2013, 8, 434-443.	0.7	11
60	A Shape Reconstructability Measure of Object Part Importance with Applications to Object Detection and Localization. <i>International Journal of Computer Vision</i> , 2014, 108, 241-258.	15.6	11
61	MRI Guided Brain Stimulation without the Use of a Neuronavigation System. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	11
62	Genomic Analyses of Visual Cognition: Perceptual Rivalry and Top-Down Control. <i>Journal of Neuroscience</i> , 2018, 38, 9668-9678.	3.6	11
63	Selective Audiovisual Semantic Integration Enabled by Feature-Selective Attention. <i>Scientific Reports</i> , 2016, 6, 18914.	3.3	10
64	Functional specialization in human dorsal pathway for stereoscopic depth processing. <i>Experimental Brain Research</i> , 2020, 238, 2581-2588.	1.5	10
65	Somatotopic representation of tactile duration: evidence from tactile duration aftereffect. <i>Behavioural Brain Research</i> , 2019, 371, 111954.	2.2	9
66	Dissociated deficits in attentional networks in social anxiety and depression. <i>Science China Life Sciences</i> , 2020, 63, 1071-1078.	4.9	9
67	Neural correlates of face gender discrimination learning. <i>Experimental Brain Research</i> , 2013, 225, 569-578.	1.5	8
68	Two-stage perceptual learning to break visual crowding. <i>Journal of Vision</i> , 2016, 16, 16.	0.3	8
69	Spatial summation revealed in the earliest visual evoked component C1 and the effect of attention on its linearity. <i>Journal of Neurophysiology</i> , 2016, 115, 500-509.	1.8	8
70	Brain white matter microstructural alterations in children of type I Gaucher disease characterized with diffusion tensor MR imaging. <i>European Journal of Radiology</i> , 2018, 102, 22-29.	2.6	8
71	Neural mechanisms of feature binding. <i>Science China Life Sciences</i> , 2020, 63, 926-928.	4.9	8
72	Testicular orphan nuclear receptor 4-associated protein 16 promotes non-small cell lung carcinoma by activating estrogen receptor β and blocking testicular orphan nuclear receptor 2. <i>Oncology Reports</i> , 2013, 29, 297-305.	2.6	7

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73	Impaired Face Perception in Individuals with Autism Spectrum Disorder: Insights on Diagnosis and Treatment. <i>Neuroscience Bulletin</i> , 2017, 33, 757-759.	2.9	7
74	Effects of daily training amount on visual motion perceptual learning. <i>Journal of Vision</i> , 2021, 21, 6.	0.3	7
75	Recent progress on mechanisms of human cognition and brain disorders. <i>Science China Life Sciences</i> , 2021, 64, 843-846.	4.9	7
76	Misbinding of color and motion in human early visual cortex: Evidence from event-related potentials. <i>Vision Research</i> , 2016, 122, 51-59.	1.4	6
77	Effect of task difficulty on blood-oxygen-level-dependent signal: A functional magnetic resonance imaging study in a motion discrimination task. <i>PLoS ONE</i> , 2018, 13, e0199440.	2.5	6
78	A genome-wide association study reveals a substantial genetic basis underlying the Ebbinghaus illusion. <i>Journal of Human Genetics</i> , 2021, 66, 261-271.	2.3	4
79	Subtle Alterations of the Physical Environment Can Nudge Young Children to Cheat Less. <i>Developmental Science</i> , 2021, , e13190.	2.4	4
80	Contextual cueing in co-active visual search: Joint action allows acquisition of task-irrelevant context. <i>Attention, Perception, and Psychophysics</i> , 2022, 84, 1114-1129.	1.3	4
81	Ensemble size perception: Its neural signature and the role of global interaction over individual items. <i>Neuropsychologia</i> , 2022, 173, 108290.	1.6	4
82	Neural representations of competing stimuli along the dorsal and ventral visual pathways during binocular rivalry. <i>Cerebral Cortex</i> , 2023, 33, 2734-2747.	2.9	3
83	Heritability of human visual contour integration—An integrated genomic study. <i>European Journal of Human Genetics</i> , 2019, 27, 1867-1875.	2.8	2
84	Enhancement of visual perception by combining transcranial electrical stimulation and visual perceptual training. <i>Medical Review</i> , 2022, 2, 271-284.	1.2	2
85	Linking Neural Activity to Mental Processes. <i>Brain Imaging and Behavior</i> , 2008, 2, 242-248.	2.1	1
86	Electrophysiological correlates of the somatotopically organized tactile duration aftereffect. <i>Brain Research</i> , 2021, 1762, 147432.	2.2	1
87	Fang Fang. <i>Current Biology</i> , 2011, 21, R444-R446.	3.9	0
88	Image understanding, attention and human early visual cortex. <i>Frontiers of Electrical and Electronic Engineering</i> , 2012, 7, 85-93.	0.5	0
89	Neural representations of orientation and motion direction in human visual cortex during binocular rivalry. <i>Journal of Vision</i> , 2018, 18, 957.	0.3	0
90	Dyadic perceptual learning of orientation discrimination. <i>Journal of Vision</i> , 2018, 18, 270.	0.3	0

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91	Neural mechanisms of perceptual confusion of facial emotions. <i>Journal of Vision</i> , 2018, 18, 915.	0.3	0
92	Rhythmic sampling of orientation features in feature-based attention. <i>Journal of Vision</i> , 2018, 18, 307.	0.3	0
93	10Hz Transcranial Alternating Current Stimulation (tACS) Transiently Reduces Visual Distraction. <i>Journal of Vision</i> , 2018, 18, 452.	0.3	0
94	Offline transcranial direct current stimulation (tDCS) can improve the ability to perceive crowded targets. <i>Journal of Vision</i> , 2019, 19, 65a.	0.3	0