Joy J Geng

List of Publications by Year
in descending order

71 papers	4,394 citations	201674 27 h-index	155660 55 g-index
74 all docs	74 docs citations	74 times ranked	5250 citing authors

#	Article	IF	Citations
1	Dorsal and Ventral Attention Systems. Neuroscientist, 2014, 20, 150-159.	3.5	1,012
2	Parietal cortex and attention. Current Opinion in Neurobiology, 2004, 14, 212-217.	4.2	512
3	Re-evaluating the role of TPJ in attentional control: Contextual updating?. Neuroscience and Biobehavioral Reviews, 2013, 37, 2608-2620.	6.1	337
4	Oculomotor mechanisms activated by imagery and memory: eye movements to absent objects. Psychological Research, 2001, 65, 235-241.	1.7	327
5	Spatial probability as an attentional cue in visual search. Perception & Psychophysics, 2005, 67, 1252-1268.	2.3	241
6	A Common Neural Mechanism for Preventing and Terminating the Allocation of Attention. Journal of Neuroscience, 2012, 32, 10725-10736.	3.6	213
7	Probability Cuing of Target Location Facilitates Visual Search Implicitly in Normal Participants and Patients with Hemispatial Neglect. Psychological Science, 2002, 13, 520-525.	3.3	191
8	Attentional Mechanisms of Distractor Suppression. Current Directions in Psychological Science, 2014, 23, 147-153.	5.3	154
9	Role of Features and Second-order Spatial Relations in Face Discrimination, Face Recognition, and Individual Face Skills: Behavioral and Functional Magnetic Resonance Imaging Data. Journal of Cognitive Neuroscience, 2007, 19, 1435-1452.	2.3	105
10	Contextual Knowledge Configures Attentional Control Networks. Journal of Neuroscience, 2011, 31, 18026-18035.	3.6	86
11	Right temporoparietal junction activation by a salient contextual cue facilitates target discrimination. NeuroImage, 2011, 54, 594-601.	4.2	77
12	The Role of Alpha Activity in Spatial and Feature-Based Attention. ENeuro, 2016, 3, ENEURO.0204-16.2016.	1.9	76
13	Anterior Intraparietal Sulcus is Sensitive to Bottomâ€“Up Attention Driven by Stimulus Salience. Journal of Cognitive Neuroscience, 2009, 21, 1584-1601.	2.3	73
14	On-Line Attentional Selection From Competing Stimuli in Opposite Visual Fields: Effects on Human Visual Cortex and Control Processes. Journal of Neurophysiology, 2006, 96, 2601-2612.	1.8	67
15	Attentional capture by a perceptually salient non-target facilitates target processing through inhibition and rapid rejection. Journal of Vision, 2010, 10, 5-5.	0.3	58
16	Evidence for second-order singleton suppression based on probabilistic expectations.. Journal of Experimental Psychology: Human Perception and Performance, 2019, 45, 125-138.	0.9	58
17	Distractor probability changes the shape of the attentional template.. Journal of Experimental Psychology: Human Perception and Performance, 2017, 43, 1993-2007.	0.9	57
18	Distractor Ignoring: Strategies, Learning, and Passive Filtering. Current Directions in Psychological Science, 2019, 28, 600-606.	5.3	56

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19	Pre-Stimulus Activity Predicts the Winner of Top-Down vs. Bottom-Up Attentional Selection. PLoS ONE, 2011, 6, e16243.	2.5	50
20	Effective Connectivity During Feature-Based Attentional Capture: Evidence Against the Attentional Reorienting Hypothesis of TPJ. Cerebral Cortex, 2014, 24, 3131-3141.	2.9	50
21	Template-to-distractor distinctiveness regulates visual search efficiency. Current Opinion in Psychology, 2019, 29, 119-125.	4.9	49
22	Competition between simultaneous stimuli modulated by location probability in hemispatial neglect. Neuropsychologia, 2006, 44, 1050-1060.	1.6	46
23	Reward associations and spatial probabilities produce additive effects on attentional selection. Attention, Perception, and Psychophysics, 2014, 76, 2315-2325.	1.3	39
24	The role of the pulvinar in resolving competition between memory and visual selection: A functional connectivity study. Neuropsychologia, 2011, 49, 1544-1552.	1.6	38
25	Passive exposure attenuates distraction during visual search.. Journal of Experimental Psychology: General, 2020, 149, 1987-1995.	2.1	37
26	Pupil diameter reflects uncertainty in attentional selection during visual search. Frontiers in Human Neuroscience, 2015, 9, 435.	2.0	33
27	The attentional template is shifted and asymmetrically sharpened by distractor context.. Journal of Experimental Psychology: Human Perception and Performance, 2019, 45, 336-353.	0.9	33
28	Ten simple rules to study distractor suppression. Progress in Neurobiology, 2022, 213, 102269.	5.7	31
29	White Matter Hyperintensities among Older Adults Are Associated with Futile Increase in Frontal Activation and Functional Connectivity during Spatial Search. PLoS ONE, 2015, 10, e0122445.	2.5	28
30	Changes in visual cortical processing attenuate singleton distraction during visual search. Cortex, 2020, 132, 309-321.	2.4	27
31	Learned suppression for multiple distractors in visual search.. Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 1128-1141.	0.9	21
32	Dynamics of Feature-based Attentional Selection during Colorâ€"Shape Conjunction Search. Journal of Cognitive Neuroscience, 2018, 30, 1773-1787.	2.3	19
33	Idiosyncratic Patterns of Representational Similarity in Prefrontal Cortex Predict Attentional Performance. Journal of Neuroscience, 2017, 37, 1257-1268.	3.6	18
34	Diametric effects of autism tendencies and psychosis proneness on attention control irrespective of task demands. Scientific Reports, 2018, 8, 8478.	3.3	18
35	Saccades to a Remembered Location Elicit Spatially Specific Activation in Human Retinotopic Visual Cortex. Journal of Cognitive Neuroscience, 2008, 21, 230-245.	2.3	17
36	Attentional Guidance and Match Decisions Rely on Different Template Information During Visual Search. Psychological Science, 2022, 33, 105-120.	3.3	14

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37	Looking Time Predicts Choice but Not Aesthetic Value. PLoS ONE, 2013, 8, e71698.	2.5	13
38	White matter hyperintensities are associated with visual search behavior independent of generalized slowing in aging. Neuropsychologia, 2014, 52, 93-101.	1.6	13
39	Measuring Attentional Distraction in Children With ADHD Using Virtual Reality Technology With Eye-Tracking. Frontiers in Virtual Reality, 2022, 3, .	3.7	11
40	Attention, predictions and expectations, and their violation: attentional control in the human brain. Frontiers in Human Neuroscience, 2014, 8, 490.	2.0	9
41	The modulation of reward priority by top-down knowledge. Visual Cognition, 2015, 23, 206-228.	1.6	9
42	A Match Made by Modafinil: Probability Matching in Choice Decisions and Spatial Attention. Journal of Cognitive Neuroscience, 2013, 25, 657-669.	2.3	8
43	Learned feature variance is encoded in the target template and drives visual search. Visual Cognition, 2019, 27, 487-501.	1.6	8
44	Memory precision for salient distractors decreases with learned suppression. Psychonomic Bulletin and Review, 2022, 29, 169-181.	2.8	8
45	Unresolved issues in distractor suppression: Proactive and reactive mechanisms, implicit learning, and naturalistic distraction. Visual Cognition, 2021, 29, 608-613.	1.6	8
46	The impact of reward on attention in schizophrenia. Schizophrenia Research: Cognition, 2018, 12, 66-73.	1.3	7
47	Rewarding performance feedback alters reported time of action. Consciousness and Cognition, 2011, 20, 1577-1585.	1.5	5
48	Flexible target templates improve visual search accuracy for faces depicting emotion. Attention, Perception, and Psychophysics, 2020, 82, 2909-2923.	1.3	5
49	Polarity-dependent Effects of Biparietal Transcranial Direct Current Stimulation on the Interplay between Target Location and Distractor Saliency in Visual Attention. Journal of Cognitive Neuroscience, 2018, 30, 851-866.	2.3	4
50	Temporal integration of feature probability distributions. Psychological Research, 2022, 86, 2030-2044.	1.7	4
51	Delayed reactive distractor suppression in aging populations.. Psychology and Aging, 2019, 34, 418-430.	1.6	3
52	Visual search guidance uses coarser template information than target-match decisions. Attention, Perception, and Psychophysics, 2022, 84, 1432-1445.	1.3	3
53	Presaccadic target competition attenuates distraction. Attention, Perception, and Psychophysics, 2017, 79, 1087-1096.	1.3	2
54	Attention and Perception: 40 reviews, 40 views. Current Opinion in Psychology, 2019, 29, v-viii.	4.9	2

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55	Temporal integration of feature probability distributions in visual working memory. Journal of Vision, 2021, 21, 1969.	0.3	2
56	The role of probabilistic expectations on the suppression of salient distractor. Journal of Vision, 2018, 18, 455.	0.3	1
57	Neuroimaging Approaches to the Study of Visual Attention. Neuromethods, 2016, , 387-417.	0.3	0
58	Co-occurrence statistics from vision and language capture thematic relationships between objects. Journal of Vision, 2021, 21, 2779.	0.3	0
59	The Impact of Multisensory Perception on Incidental Visual Memory. Journal of Vision, 2021, 21, 2692.	0.3	0
60	Information Value Underlies Priority in Feature Based Attention. Journal of Vision, 2021, 21, 2318.	0.3	0
61	The unique representational similarity structure of face morphs predicts performance in an independent visual search task. Journal of Vision, 2016, 16, 605.	0.3	0
62	Distractor probability modulates tuning of target representations.. Journal of Vision, 2016, 16, 684.	0.3	0
63	The Contribution of the Left Posterior Parietal Cortex to Proactive and Reactive Cognitive Control. Journal of Vision, 2016, 16, 608.	0.3	0
64	Ensembles Increase Search Efficiency When Predictive of Target Location. Journal of Vision, 2017, 17, 55.	0.3	0
65	A suppression template for multiple distractors in visual search. Journal of Vision, 2017, 17, 929.	0.3	0
66	The attentional template shifts and sharpens in response to competition from target-similar distractors. Journal of Vision, 2018, 18, 17.	0.3	0
67	Learned Feature Variability Predicts Visual Search and Working Memory Precision. Journal of Vision, 2019, 19, 315a.	0.3	0
68	Passive Suppression of Distractors in Visual Search. Journal of Vision, 2019, 19, 213b.	0.3	0
69	The Influence of Taxonomic and Thematic Object Relationships on Attentional Allocation. Journal of Vision, 2020, 20, 419.	0.3	0
70	Memory for a Salient Distractor is Suppressed by Past Experiences. Journal of Vision, 2020, 20, 883.	0.3	0
71	Feature uncertainty is tracked by predictive attentional templates. Journal of Vision, 2020, 20, 321.	0.3	0