

Peter Kok

List of Publications by Year in descending order

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43
papers

4,725
citations

279798

23
h-index

302126

39
g-index

74
all docs

74
docs citations

74
times ranked

3519
citing authors

#	ARTICLE	IF	CITATIONS
1	Perceptual reality monitoring: Neural mechanisms dissociating imagination from reality. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 135, 104557.	6.1	37
2	Imagery adds stimulus-specific sensory evidence to perceptual detection. <i>Journal of Vision</i> , 2022, 22, 11.	0.3	7
3	Hippocampal representations switch from errors to predictions during acquisition of predictive associations. <i>Nature Communications</i> , 2022, 13, .	12.8	11
4	Mistaking imagination for reality: Congruent mental imagery leads to more liberal perceptual detection. <i>Cognition</i> , 2021, 212, 104719.	2.2	28
5	Spatiotemporal dynamics of brightness coding in human visual cortex revealed by the temporal context effect. <i>NeuroImage</i> , 2020, 205, 116277.	4.2	8
6	The Perceptual Prediction Paradox. <i>Trends in Cognitive Sciences</i> , 2020, 24, 13-24.	7.8	141
7	Content-based Dissociation of Hippocampal Involvement in Prediction. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 527-545.	2.3	24
8	Prior Expectations of Motion Direction Modulate Early Sensory Processing. <i>Journal of Neuroscience</i> , 2020, 40, 6389-6397.	3.6	48
9	Learning to Perceive and Perceiving to Learn. <i>Trends in Cognitive Sciences</i> , 2020, 24, 260-261.	7.8	19
10	Prior expectations evoke stimulus-specific activity in the deep layers of the primary visual cortex. <i>PLoS Biology</i> , 2020, 18, e3001023.	5.6	43
11	Prior expectations evoke stimulus templates in the deep layers of V1. <i>Journal of Vision</i> , 2020, 20, 184.	0.3	0
12	Neurocomputational Mechanisms of Action-Outcome Prediction in V1. <i>Journal of Vision</i> , 2020, 20, 712.	0.3	1
13	No evidence for altered up- and downregulation of brain activity in visual cortex during illusory shape perception in autism. <i>Cortex</i> , 2019, 117, 247-256.	2.4	12
14	Eye Movement-Related Confounds in Neural Decoding of Visual Working Memory Representations. <i>ENeuro</i> , 2018, 5, ENEURO.0401-17.2018.	1.9	54
15	Laminar Organization of Working Memory Signals in Human Visual Cortex. <i>Current Biology</i> , 2018, 28, 3435-3440.e4.	3.9	71
16	Stimulus Familiarity and Expectation Jointly Modulate Neural Activity in the Visual Ventral Stream. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 1366-1377.	2.3	33
17	How Do Expectations Shape Perception?. <i>Trends in Cognitive Sciences</i> , 2018, 22, 764-779.	7.8	577
18	Associative Prediction of Visual Shape in the Hippocampus. <i>Journal of Neuroscience</i> , 2018, 38, 6888-6899.	3.6	90

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19	Distinct neural sources of expectations about features and objects. <i>Journal of Vision</i> , 2018, 18, 315.	0.3	0
20	Time-compressed preplay of anticipated events in human primary visual cortex. <i>Nature Communications</i> , 2017, 8, 15276.	12.8	120
21	Prior expectations induce prestimulus sensory templates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10473-10478.	7.1	240
22	Prediction facilitates complex shape processing in visual cortex. <i>Journal of Vision</i> , 2017, 17, 208.	0.3	0
23	Dissociating sensory from decision processes in human perceptual decision making. <i>Scientific Reports</i> , 2016, 5, 18253.	3.3	76
24	Local expectation violations result in global activity gain in primary visual cortex. <i>Scientific Reports</i> , 2016, 6, 37706.	3.3	19
25	Perceptual Inference: A Matter of Predictions and Errors. <i>Current Biology</i> , 2016, 26, R809-R811.	3.9	3
26	Serial Dependence in Perceptual Decisions Is Reflected in Activity Patterns in Primary Visual Cortex. <i>Journal of Neuroscience</i> , 2016, 36, 6186-6192.	3.6	147
27	Selective Activation of the Deep Layers of the Human Primary Visual Cortex by Top-Down Feedback. <i>Current Biology</i> , 2016, 26, 371-376.	3.9	310
28	Predictive Coding in Sensory Cortex. , 2015, , 221-244.		47
29	Spontaneous Activity Patterns in Primary Visual Cortex Predispose to Visual Hallucinations. <i>Journal of Neuroscience</i> , 2015, 35, 12947-12953.	3.6	33
30	The Behavioral and Neural Effects of Language on Motion Perception. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 175-184.	2.3	26
31	Expectation Suppression in Early Visual Cortex Depends on Task Set. <i>PLoS ONE</i> , 2015, 10, e0131172.	2.5	34
32	Prior Expectations Evoke Stimulus Templates in the Primary Visual Cortex. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1546-1554.	2.3	199
33	Shape Perception Simultaneously Up- and Downregulates Neural Activity in the Primary Visual Cortex. <i>Current Biology</i> , 2014, 24, 1531-1535.	3.9	148
34	Shared Representations for Working Memory and Mental Imagery in Early Visual Cortex. <i>Current Biology</i> , 2013, 23, 1427-1431.	3.9	403
35	Prior Expectations Bias Sensory Representations in Visual Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 16275-16284.	3.6	232
36	Continuous theta burst transcranial magnetic stimulation reduces resting state connectivity between visual areas. <i>Journal of Neurophysiology</i> , 2013, 110, 1811-1821.	1.8	58

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37	Less Is More: Expectation Sharpens Representations in the Primary Visual Cortex. <i>Neuron</i> , 2012, 75, 265-270.	8.1	654
38	Attention Reverses the Effect of Prediction in Silencing Sensory Signals. <i>Cerebral Cortex</i> , 2012, 22, 2197-2206.	2.9	341
39	How Prediction Errors Shape Perception, Attention, and Motivation. <i>Frontiers in Psychology</i> , 2012, 3, 548.	2.1	341
40	Dynamic decoding of ongoing perception. <i>NeuroImage</i> , 2011, 57, 950-957.	4.2	10
41	Articulated Planar Reformation for Change Visualization in Small Animal Imaging. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2010, 16, 1396-1404.	4.4	22
42	Bradykinin: A Microglia Attractant In Vivo?. <i>Journal of Neuroscience</i> , 2008, 28, 3531-3532.	3.6	3
43	Laminar Organization of Working Memory Signals in Human Visual Cortex. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1