Moshe Bar

List of Publications by Year
in descending order

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91 papers	11,838 citations	61945 43 h-index	60583 81 g-index
96 all docs	96 docs citations	96 times ranked	9278 citing authors

#	Article	IF	Citations
1	Visual objects in context. Nature Reviews Neuroscience, 2004, 5, 617-629.	4.9	1,361
2	The proactive brain: using analogies and associations to generate predictions. Trends in Cognitive Sciences, 2007, 11, 280-289.	4.0	1,086
3	A Cortical Mechanism for Triggering Top-Down Facilitation in Visual Object Recognition. Journal of Cognitive Neuroscience, 2003, 15, 600-609.	1.1	774
4	The role of the parahippocampal cortex in cognition. Trends in Cognitive Sciences, 2013, 17, 379-390.	4.0	598
5	Cortical Analysis of Visual Context. Neuron, 2003, 38, 347-358.	3.8	571
6	Very first impressions.. Emotion, 2006, 6, 269-278.	1.5	510
7	The proactive brain: memory for predictions. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 1235-1243.	1.8	510
8	Humans Prefer Curved Visual Objects. Psychological Science, 2006, 17, 645-648.	1.8	471
9	See it with feeling: affective predictions during object perception. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 1325-1334.	1.8	426
10	Cortical Mechanisms Specific to Explicit Visual Object Recognition. Neuron, 2001, 29, 529-535.	3.8	421
11	Top-down predictions in the cognitive brain. Brain and Cognition, 2007, 65, 145-168.	0.8	407
12	Magnocellular Projections as the Trigger of Top-Down Facilitation in Recognition. Journal of Neuroscience, 2007, 27, 13232-13240.	1.7	370
13	Cultural Specificity in Amygdala Response to Fear Faces. Journal of Cognitive Neuroscience, 2008, 20, 2167-2174.	1.1	243
14	Visual elements of subjective preference modulate amygdala activation. Neuropsychologia, 2007, 45, 2191-2200.	0.7	225
15	Scenes Unseen: The Parahippocampal Cortex Intrinsically Subserves Contextual Associations, Not Scenes or Places Per Se. Journal of Neuroscience, 2008, 28, 8539-8544.	1.7	221
16	Subliminal Visual Priming. Psychological Science, 1998, 9, 464-468.	1.8	197
17	The units of thought. Hippocampus, 2007, 17, 420-428.	0.9	188
18	Spatial Context in Recognition. Perception, 1996, 25, 343-352.	0.5	173

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19	One-shot viewpoint invariance in matching novel objects. Vision Research, 1999, 39, 2885-2899.	0.7	172
20	A cognitive neuroscience hypothesis of mood and depression. Trends in Cognitive Sciences, 2009, 13, 456-463.	4.0	170
21	Chapter 1 Top-down facilitation of visual object recognition: object-based and context-based contributions. Progress in Brain Research, 2006, 155, 3-21.	0.9	153
22	Early onset of neural synchronization in the contextual associations network. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3389-3394.	3.3	130
23	Predictions penetrate perception: Converging insights from brain, behaviour and disorder. Consciousness and Cognition, 2017, 47, 63-74.	0.8	126
24	Predictions: a universal principle in the operation of the human brain. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 1181-1182.	1.8	123
25	Increasing propensity to mind-wander with transcranial direct current stimulation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3314-3319.	3.3	113
26	Predictive Feedback and Conscious Visual Experience. Frontiers in Psychology, 2012, 3, 620.	1.1	106
27	The effects of priming on frontal-temporal communication. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8405-8409.	3.3	99
28	Exploring the unconscious using faces. Trends in Cognitive Sciences, 2015, 19, 35-45.	4.0	95
29	Integrated Contextual Representation for Objects' Identities and Their Locations. Journal of Cognitive Neuroscience, 2008, 20, 371-388.	1.1	93
30	Famous Faces Activate Contextual Associations in the Parahippocampal Cortex. Cerebral Cortex, 2008, 18, 1233-1238.	1.6	90
31	Inferior Temporal Neurons Show Greater Sensitivity to Nonaccidental than to Metric Shape Differences. Journal of Cognitive Neuroscience, 2001, 13, 444-453.	1.1	87
32	Visual Predictions in the Orbitofrontal Cortex Rely on Associative Content. Cerebral Cortex, 2014, 24, 2899-2907.	1.6	86
33	Prediction, context, and competition in visual recognition. Annals of the New York Academy of Sciences, 2015, 1339, 190-198.	1.8	86
34	Micro-Valences: Perceiving Affective Valence in Everyday Objects. Frontiers in Psychology, 2012, 3, 107.	1.1	80
35	The default network and the combination of cognitive processes that mediate self-generated thought. Nature Human Behaviour, 2017, 1, 896-910.	6.2	79
36	Emotional Valence Modulates the Preference for Curved Objects. Perception, 2011, 40, 649-655.	0.5	74

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37	The Rise and Fall of Priming: How Visual Exposure Shapes Cortical Representations of Objects. Cerebral Cortex, 2005, 15, 1655-1665.	1.6	72
38	Affective response to architecture â€“ investigating human reaction to spaces with different geometry. Architectural Science Review, 2017, 60, 116-125.	1.1	68
39	Subordinate-level object classification reexamined. Psychological Research, 1999, 62, 131-153.	1.0	62
40	Contributions of Low and High Spatial Frequency Processing to Impaired Object Recognition Circuitry in Schizophrenia. Cerebral Cortex, 2013, 23, 1849-1858.	1.6	55
41	Enabling global processing in simultanagnosia by psychophysical biasing of visual pathways. Brain, 2012, 135, 1578-1585.	3.7	54
42	Prediction is Production: The missing link between language production and comprehension. Scientific Reports, 2018, 8, 1079.	1.6	51
43	The Cortical Underpinnings of Context-based Memory Distortion. Journal of Cognitive Neuroscience, 2008, 20, 2226-2237.	1.1	46
44	Affective value and associative processing share a cortical substrate. Cognitive, Affective and Behavioral Neuroscience, 2013, 13, 46-59.	1.0	46
45	Neural Correlates of Subliminal Language Processing. Cerebral Cortex, 2015, 25, 2160-2169.	1.6	42
46	If it bleeds, it leads: separating threat from mere negativity. Social Cognitive and Affective Neuroscience, 2015, 10, 28-35.	1.5	37
47	The proactive brain: using rudimentary information to make predictive judgments. Journal of Consumer Behaviour, 2008, 7, 319-330.	2.6	35
48	Inferior parietal lobule and early visual areas support elicitation of individualized meanings during narrative listening. Brain and Behavior, 2019, 9, e01288.	1.0	33
49	Overarching States of Mind. Trends in Cognitive Sciences, 2020, 24, 184-199.	4.0	32
50	Visual prediction and perceptual expertise. International Journal of Psychophysiology, 2012, 83, 156-163.	0.5	29
51	Viewpoint Dependency in Visual Object Recognition Does Not Necessarily Imply Viewer-Centered Representation. Journal of Cognitive Neuroscience, 2001, 13, 793-799.	1.1	28
52	The effect of mental progression on mood.. Journal of Experimental Psychology: General, 2012, 141, 217-221.	1.5	26
53	Associative Activation and Its Relation to Exploration and Exploitation in the Brain. Psychological Science, 2016, 27, 776-789.	1.8	26
54	Direction of magnetoencephalography sources associated with feedback and feedforward contributions in a visual object recognition task. Neuroscience Letters, 2015, 585, 149-154.	1.0	23

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55	Linking major depression and the neural substrates of associative processing. Cognitive, Affective and Behavioral Neuroscience, 2016, 16, 1017-1026.	1.0	23
56	Wait for the Second Marshmallow? Future-Oriented Thinking and Delayed Reward Discounting in the Brain. Neuron, 2010, 66, 4-5.	3.8	21
57	A neurocognitive study of the emotional impact of geometrical criteria of architectural space. Architectural Science Review, 2021, 64, 394-407.	1.1	21
58	Cortical Integration of Contextual Information across Objects. Journal of Cognitive Neuroscience, 2016, 28, 948-958.	1.1	19
59	Differing views on views: response to Hayward and Tarr (2000). Vision Research, 2000, 40, 3901-3905.	0.7	18
60	Prior probability modulates anticipatory activity in category-specific areas. Cognitive, Affective and Behavioral Neuroscience, 2016, 16, 135-144.	1.0	18
61	Perceptual decisions are biased toward relevant prior choices. Scientific Reports, 2021, 11, 648.	1.6	18
62	Human preferences are biased towards associative information. Cognition and Emotion, 2015, 29, 1054-1068.	1.2	17
63	Preference for Symmetry: Only on Mars?. Perception, 2011, 40, 1254-1256.	0.5	15
64	The influence of nonremembered affective associations on preference.. Emotion, 2006, 6, 215-223.	1.5	12
65	The Proactive Brain. , 2011, , 13-26.		12
66	The resilience of object predictions: Early recognition across viewpoints and exemplars. Psychonomic Bulletin and Review, 2014, 21, 682-688.	1.4	11
67	From Objects to Unified Minds. Current Directions in Psychological Science, 2021, 30, 129-137.	2.8	11
68	Internal valence modulates the speed of object recognition. Scientific Reports, 2017, 7, 361.	1.6	10
69	Convergent evidence for top-down effects from the â€œpredictive brainâ€• Behavioral and Brain Sciences, 2016, 39, e254.	0.4	9
70	The continuum of â€œlooking forward,â€•and paradoxical requirements from memory. Behavioral and Brain Sciences, 2007, 30, 315-316.	0.4	8
71	Associated Information Increases Subjective Perception of Duration. Perception, 2017, 46, 1000-1007.	0.5	8
72	The emotional influence of different geometries in virtual spaces: A neurocognitive examination. Journal of Environmental Psychology, 2022, 81, 101802.	2.3	8

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73	Top-Down Facilitation of Visual Object Recognition. , 2005, , 140-145.		7
74	Predictions and Incongruency in Object Recognition: A Cognitive Neuroscience Perspective. Studies in Computational Intelligence, 2012, , 139-153.	0.7	6
75	The proactive brain and the fate of dead hypotheses. Frontiers in Computational Neuroscience, 2014, 8, 138.	1.2	5
76	Oculomotor anticipation reveals a multitude of learning processes underlying the serial reaction time task. Scientific Reports, 2021, 11, 6190.	1.6	4
77	The Proactive Brain: Using Memory-Based Predictions in Visual Recognition. , 0, , 384-400.		2
78	Top-Down Effects in Visual Perception. , 2013, , .		2
79	Increased associative interference under high cognitive load. Scientific Reports, 2022, 12, 1766.	1.6	2
80	Empathy: The Role of Expectations. Emotion Review, 2018, 10, 161-166.	2.1	1
81	Associative activation and its relation to mental exploration. Journal of Vision, 2016, 16, 1027.	0.1	1
82	Behaviorally relevant prior experience biases subsequent perception. Journal of Vision, 2017, 17, 493.	0.1	1
83	The Effect of Cognitive Load on Visual Statistical Learning. Journal of Vision, 2017, 17, 505.	0.1	1
84	Our need for associative coherence. Humanities and Social Sciences Communications, 2020, 7, .	1.3	1
85	Constricted semantic relations in acute depression. Journal of Affective Disorders, 2022, 311, 565-571.	2.0	1
86	Proactive by Default. , 2021, , 467-486.		0
87	The Current Scene. , 2014, , 1-4.		0
88	Mental state affects visual performance. Journal of Vision, 2017, 17, 1170.	0.1	0
89	Whatâ€™s real? Prefrontal facilitations and distortions. Journal of Vision, 2019, 19, 11a.	0.1	0
90	Exploring how broad associative thought enhances scene gist perception. Journal of Vision, 2020, 20, 620.	0.1	0

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91	How associative thinking influences scene perception. Consciousness and Cognition, 2022, 103, 103377.	0.8	0