Moshe Bar

List of Publications by Citations

87 papers	9,499 citations	42 h-index	96 g-index
96 ext. papers	10,731 ext. citations	5 avg, IF	6.93 L-index

#	Paper	IF	Citations
87	Visual objects in context. *Nature Reviews Neuroscience*, **2004**, 5, 617-29	13.5	1040
86	The proactive brain: using analogies and associations to generate predictions. *Trends in Cognitive Sciences*, **2007**, 11, 280-9	14	930
85	A cortical mechanism for triggering top-down facilitation in visual object recognition. *Journal of Cognitive Neuroscience*, **2003**, 15, 600-9	3.1	653
84	Cortical analysis of visual context. *Neuron*, **2003**, 38, 347-58	13.9	490
83	The proactive brain: memory for predictions. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2009**, 364, 1235-43	5.8	410
82	The role of the parahippocampal cortex in cognition. *Trends in Cognitive Sciences*, **2013**, 17, 379-90	14	408
81	Very first impressions. *Emotion*, **2006**, 6, 269-78	4.1	407
80	Cortical mechanisms specific to explicit visual object recognition. *Neuron*, **2001**, 29, 529-35	13.9	390
79	Humans prefer curved visual objects. *Psychological Science*, **2006**, 17, 645-8	7.9	359
78	See it with feeling: affective predictions during object perception. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2009**, 364, 1325-34	5.8	345
77	Top-down predictions in the cognitive brain. *Brain and Cognition*, **2007**, 65, 145-68	2.7	341
76	Magnocellular projections as the trigger of top-down facilitation in recognition. *Journal of Neuroscience*, **2007**, 27, 13232-40	6.6	323
75	Cultural specificity in amygdala response to fear faces. *Journal of Cognitive Neuroscience*, **2008**, 20, 2167-74	5.4	214
74	Scenes unseen: the parahippocampal cortex intrinsically subserves contextual associations, not scenes or places per se. *Journal of Neuroscience*, **2008**, 28, 8539-44	6.6	184
73	Visual elements of subjective preference modulate amygdala activation. *Neuropsychologia*, **2007**, 45, 2191-200	3.2	174
72	Subliminal Visual Priming. *Psychological Science*, **1998**, 9, 464-468	7.9	173
71	The units of thought. *Hippocampus*, **2007**, 17, 420-8	3.5	171

70	Spatial context in recognition. *Perception*, **1996**, 25, 343-52	1.2	141
69	One-shot viewpoint invariance in matching novel objects. *Vision Research*, **1999**, 39, 2885-99	2.1	140
68	Top-down facilitation of visual object recognition: object-based and context-based contributions. *Progress in Brain Research*, **2006**, 155, 3-21	2.9	129
67	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, 3389-94	11.5	119
66	A cognitive neuroscience hypothesis of mood and depression. *Trends in Cognitive Sciences*, **2009**, 13, 456-63	14	106
65	Predictions: a universal principle in the operation of the human brain. Introduction. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2009**, 364, 1181-2	5.8	103
64	Predictions penetrate perception: Converging insights from brain, behaviour and disorder. *Consciousness and Cognition*, **2017**, 47, 63-74	2.6	97
63	The effects of priming on frontal-temporal communication. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 8405-9	11.5	92
62	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, 3314-9	11.5	87
61	Famous faces activate contextual associations in the parahippocampal cortex. *Cerebral Cortex*, **2008**, 18, 1233-8	5.1	83
60	Predictive feedback and conscious visual experience. *Frontiers in Psychology*, **2012**, 3, 620	3.4	81
59	Inferior temporal neurons show greater sensitivity to nonaccidental than to metric shape differences. *Journal of Cognitive Neuroscience*, **2001**, 13, 444-53	3.1	78
58	Integrated contextual representation for objects' identities and their locations. *Journal of Cognitive Neuroscience*, **2008**, 20, 371-88	3.1	74
57	Exploring the unconscious using faces. *Trends in Cognitive Sciences*, **2015**, 19, 35-45	14	72
56	Visual predictions in the orbitofrontal cortex rely on associative content. *Cerebral Cortex*, **2014**, 24, 2899-907	5.1	69
55	The rise and fall of priming: how visual exposure shapes cortical representations of objects. *Cerebral Cortex*, **2005**, 15, 1655-65	5.1	67
54	Prediction, context, and competition in visual recognition. *Annals of the New York Academy of Sciences*, **2015**, 1339, 190-8	6.5	58
53	Emotional valence modulates the preference for curved objects. *Perception*, **2011**, 40, 649-55	1.2	57

52	Subordinate-level object classification reexamined. *Psychological Research*, **1999**, 62, 131-53	2.5	53
51	The default network and the combination of cognitive processes that mediate self-generated thought. *Nature Human Behaviour*, **2017**, 1, 896-910	12.8	52
50	Predictions in the Brain **2011**,		51
49	Micro-valences: perceiving affective valence in everyday objects. *Frontiers in Psychology*, **2012**, 3, 107	3.4	49
48	Contributions of low and high spatial frequency processing to impaired object recognition circuitry in schizophrenia. *Cerebral Cortex*, **2013**, 23, 1849-58	5.1	48
47	Enabling global processing in simultanagnosia by psychophysical biasing of visual pathways. *Brain*, **2012**, 135, 1578-85	11.2	43
46	The cortical underpinnings of context-based memory distortion. *Journal of Cognitive Neuroscience*, **2008**, 20, 2226-37	3.1	42
45	Affective response to architecture Investigating human reaction to spaces with different geometry. *Architectural Science Review*, **2017**, 60, 116-125	2.6	38
44	Affective value and associative processing share a cortical substrate. *Cognitive, Affective and Behavioral Neuroscience*, **2013**, 13, 46-59	3.5	37
43	Neural Correlates of Subliminal Language Processing. *Cerebral Cortex*, **2015**, 25, 2160-9	5.1	36
42	The proactive brain: using rudimentary information to make predictive judgments. *Journal of Consumer Behaviour*, **2008**, 7, 319-330	3	30
41	If it bleeds, it leads: separating threat from mere negativity. *Social Cognitive and Affective Neuroscience*, **2015**, 10, 28-35	4	28
40	Prediction is Production: The missing link between language production and comprehension. *Scientific Reports*, **2018**, 8, 1079	4.9	26
39	Visual prediction and perceptual expertise. *International Journal of Psychophysiology*, **2012**, 83, 156-63	2.9	26
38	Viewpoint dependency in visual object recognition does not necessarily imply viewer-centered representation. *Journal of Cognitive Neuroscience*, **2001**, 13, 793-9	3.1	24
37	Wait for the second marshmallow? Future-oriented thinking and delayed reward discounting in the brain. *Neuron*, **2010**, 66, 4-5	13.9	18
36	The effect of mental progression on mood. *Journal of Experimental Psychology: General*, **2012**, 141, 217-21	4.7	18
35	Associative Activation and Its Relation to Exploration and Exploitation in the Brain. *Psychological Science*, **2016**, 27, 776-89	7.9	18

34	Differing views on views: response to Hayward and Tarr (2000). *Vision Research*, **2000**, 40, 3901-5	2.1	16
33	Inferior parietal lobule and early visual areas support elicitation of individualized meanings during narrative listening. *Brain and Behavior*, **2019**, 9, e01288	3.4	15
32	Direction of magnetoencephalography sources associated with feedback and feedforward contributions in a visual object recognition task. *Neuroscience Letters*, **2015**, 585, 149-54	3.3	15
31	Prior probability modulates anticipatory activity in category-specific areas. *Cognitive, Affective and Behavioral Neuroscience*, **2016**, 16, 135-44	3.5	14
30	Linking major depression and the neural substrates of associative processing. *Cognitive, Affective and Behavioral Neuroscience*, **2016**, 16, 1017-1026	3.5	14
29	Overarching States of Mind. *Trends in Cognitive Sciences*, **2020**, 24, 184-199	14	13
28	Human preferences are biased towards associative information. *Cognition and Emotion*, **2015**, 29, 1054-68	2.3	12
27	Cortical Integration of Contextual Information across Objects. *Journal of Cognitive Neuroscience*, **2016**, 28, 948-58	3.1	11
26	The influence of nonremembered affective associations on preference. *Emotion*, **2006**, 6, 215-23	4.1	11
25	Preference for symmetry: only on mars?. *Perception*, **2011**, 40, 1254-6	1.2	10
24	Internal valence modulates the speed of object recognition. *Scientific Reports*, **2017**, 7, 361	4.9	9
23	The resilience of object predictions: early recognition across viewpoints and exemplars. *Psychonomic Bulletin and Review*, **2014**, 21, 682-8	4.1	8
22	The continuum of □oking forward,□and paradoxical requirements from memory. *Behavioral and Brain Sciences*, **2007**, 30, 315-316	0.9	7
21	Convergent evidence for top-down effects from the "predictive brain". *Behavioral and Brain Sciences*, **2016**, 39, e254	0.9	7
20	Perceptual decisions are biased toward relevant prior choices. *Scientific Reports*, **2021**, 11, 648	4.9	6
19	From Objects to Unified Minds. *Current Directions in Psychological Science*, **2021**, 30, 129-137	6.5	5
18	The Proactive Brain **2011**, 13-26		4
17	A neurocognitive study of the emotional impact of geometrical criteria of architectural space. *Architectural Science Review*, **2021**, 64, 394-407	2.6	4

16	Top-Down Facilitation of Visual Object Recognition **2005**, 140-145		3
15	The proactive brain and the fate of dead hypotheses. *Frontiers in Computational Neuroscience*, **2014**, 8, 138	3.5	2
14	Top-Down Effects in Visual Perception **2013**,		2
13	The Proactive Brain: Using Memory-Based Predictions in Visual Recognition384-400		2
12	Predictions and Incongruency in Object Recognition: A Cognitive Neuroscience Perspective. *Studies in Computational Intelligence*, **2012**, 139-153	0.8	2
11	Associated Information Increases Subjective Perception of Duration. *Perception*, **2017**, 46, 1000-1007	1.2	1
10	Behaviorally relevant prior experience biases subsequent perception. *Journal of Vision*, **2017**, 17, 493	0.4	1
9	Oculomotor anticipation reveals a multitude of learning processes underlying the serial reaction time task. *Scientific Reports*, **2021**, 11, 6190	4.9	1
8	Empathy: The Role of Expectations. *Emotion Review*, **2018**, 10, 161-166	4.6	0
7	The emotional influence of different geometries in virtual spaces: A neurocognitive examination. *Journal of Environmental Psychology*, **2022**, 101802	6.7	0
6	Increased associative interference under high cognitive load.. *Scientific Reports*, **2022**, 12, 1766	4.9	
5	Exploring how broad associative thought enhances scene gist perception. *Journal of Vision*, **2020**, 20, 620	0.4	
4	What is real? Prefrontal facilitations and distortions. *Journal of Vision*, **2019**, 19, 11a	0.4	
3	Mental state affects visual performance. *Journal of Vision*, **2017**, 17, 1170	0.4	
2	The Effect of Cognitive Load on Visual Statistical Learning. *Journal of Vision*, **2017**, 17, 505	0.4	
1	Proactive by Default **2021**, 467-486		