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Scene Construction, Visual Foraging, and Active Inference

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#	Paper	IF	Citations
125	Active inference and learning. **2016**, 68, 862-879		243
124	Deep temporal models and active inference. **2017**, 77, 388-402		98
123	A mathematical model of embodied consciousness. **2017**, 428, 106-131		41
122	The graphical brain: Belief propagation and active inference. **2017**, 1, 381-414		163
121	Embodiment and Schizophrenia: A Review of Implications and Applications. **2017**, 43, 745-753		48
120	Computational Psychiatry. **2017**, 29-42		1
119	Active Inference, Curiosity and Insight. **2017**, 29, 2633-2683		138
118	The active construction of the visual world. **2017**, 104, 92-101		52
117	Uncertainty, epistemics and active inference. **2017**, 14,		98
116	Working memory, attention, and salience in active inference. **2017**, 7, 14678		105
115	A Goal-Directed Bayesian Framework for Categorization. *Frontiers in Psychology*, **2017**, 8, 408	3.4	6
114	Hierarchical Active Inference: A Theory of Motivated Control. *Trends in Cognitive Sciences*, **2018**, 22, 294-306	14	119
113	Active inference and the anatomy of oculomotion. **2018**, 111, 334-343		22
112	The Computational Anatomy of Visual Neglect. **2018**, 28, 777-790		31
111	The Markov blankets of life: autonomy, active inference and the free energy principle. **2018**, 15,		141
110	Rapid Eye Movements in Sleep Furnish a Unique Probe Into Consciousness. *Frontiers in Psychology*, **2018**, 9, 2087	3.4	5
109	A conceptual consideration of the free energy principle in cognitive maps: How cognitive maps help reduce surprise. **2018**, 69, 205-240		0

108	The Anatomy of Inference: Generative Models and Brain Structure. *Frontiers in Computational Neuroscience*, **2018**, 12, 90	3.5	78
107	Precision and False Perceptual Inference. **2018**, 12, 39		28
106	Compositional clustering in task structure learning. **2018**, 14, e1006116		22
105	Intrinsic and extrinsic motivators of attachment under active inference. **2018**, 13, e0193955		7
104	Expected Free Energy Formalizes Conflict Underlying Defense in Freudian Psychoanalysis. *Frontiers in Psychology*, **2018**, 9, 1264	3.4	14
103	The Active Inference Approach to Ecological Perception: General Information Dynamics for Natural and Artificial Embodied Cognition. **2018**, 5, 21		36
102	Computational Neuropsychology and Bayesian Inference. **2018**, 12, 61		66
101	Deep temporal models and active inference. **2018**, 90, 486-501		45
100	Planning and navigation as active inference. **2018**, 112, 323-343		76
99	Active Inference, Novelty and Neglect. **2019**, 41, 115-128		4
98	The Discrete and Continuous Brain: From Decisions to Movement-And Back Again. **2018**, 30, 2319-2347		27
97	Human visual exploration reduces uncertainty about the sensed world. **2018**, 13, e0190429		50
96	A Multi-scale View of the Emergent Complexity of Life: A Free-Energy Proposal. **2019**, 195-227		18
95	With an eye on uncertainty: Modelling pupillary responses to environmental volatility. **2019**, 15, e1007126		15
94	The Predictive Processing Model of EMDR. *Frontiers in Psychology*, **2019**, 10, 2267	3.4	1
93	Generalised free energy and active inference. **2019**, 113, 495-513		63
92	Reframing PTSD for computational psychiatry with the active inference framework. **2019**, 24, 347-368		19
91	Perceptual awareness and active inference. **2019**, 2019, niz012		26

90	Hallucinations both in and out of context: An active inference account. **2019**, 14, e0212379		12
89	Introducing a Bayesian model of selective attention based on active inference. **2019**, 9, 13915		20
88	Dynamic Causal Modelling of Active Vision. **2019**, 39, 6265-6275		12
87	Regimes of Expectations: An Active Inference Model of Social Conformity and Human Decision Making. *Frontiers in Psychology*, **2019**, 10, 679	3.4	65
86	Neuronal message passing using Mean-field, Bethe, and Marginal approximations. **2019**, 9, 1889		60
85	Communication between the Anterior Cingulate Cortex and Ventral Tegmental Area during a Cost-Benefit Reversal Task. **2019**, 26, 2353-2361.e3		4
84	Simulating Emotions: An Active Inference Model of Emotional State Inference and Emotion Concept Learning. *Frontiers in Psychology*, **2019**, 10, 2844	3.4	35
83	Impulsivity and Active Inference. **2019**, 31, 202-220		8
82	Predictive Processes and the Peculiar Case of Music. *Trends in Cognitive Sciences*, **2019**, 23, 63-77	14	142
81	Attention or salience?. **2019**, 29, 1-5		47
80	Active Inference and Auditory Hallucinations. **2018**, 2, 183-204		25
79	Thinking through other minds: A variational approach to cognition and culture. **2019**, 43, e90		87
78	A Bayesian Account of Psychopathy: A Model of Lacks Remorse and Self-Aggrandizing. **2018**, 2, 92-140		6
77	Prefrontal Computation as Active Inference. **2020**, 30, 682-695		22
76	Generative models, linguistic communication and active inference. **2020**, 118, 42-64		20
75	Losing Ourselves: Active Inference, Depersonalization, and Meditation. *Frontiers in Psychology*, **2020**, 11, 539726	3.4	10
74	Learning Generative State Space Models for Active Inference. *Frontiers in Computational Neuroscience*, **2020**, 14, 574372	3.5	15
73	Active inference on discrete state-spaces: A synthesis. **2020**, 99, 102447		67

72	A Bayesian Account of Generalist and Specialist Formation Under the Active Inference Framework. **2020**, 3, 69		2
71	An Active Inference Approach to Modeling Structure Learning: Concept Learning as an Example Case. *Frontiers in Computational Neuroscience*, **2020**, 14, 41	3.5	20
70	Inferring What to Do (And What Not to). *Entropy*, **2020**, 22,	2.8	4
69	Deep active inference as variational policy gradients. **2020**, 96, 102348		31
68	A World Unto Itself: Human Communication as Active Inference. *Frontiers in Psychology*, **2020**, 11, 417	3.4	21
67	Markov blankets, information geometry and stochastic thermodynamics. **2020**, 378, 20190159		59
66	All Thinking is 'Wishful' Thinking. *Trends in Cognitive Sciences*, **2020**, 24, 413-424	14	20
65	Active listening. **2021**, 399, 107998		9
64	Deeply Felt Affect: The Emergence of Valence in Deep Active Inference. **2021**, 33, 398-446		40
63	Representation Wars: Enacting an Armistice Through Active Inference. *Frontiers in Psychology*, **2020**, 11, 598733	3.4	7
62	Representation of Contralateral Visual Space in the Human Hippocampus. **2021**, 41, 2382-2392		5
61	Whence the Expected Free Energy?. **2021**, 33, 447-482		18
60	The Thalamus as a Blackboard for Perception and Planning. **2021**, 15, 633872		1
59	Active Vision for Robot Manipulators Using the Free Energy Principle. *Frontiers in Neurorobotics*, **2021**, 15, 642780	3.4	6
58	Active Inference: Demystified and Compared. **2021**, 33, 674-712		33
57	Gazing at Social Interactions Between Foraging and Decision Theory. *Frontiers in Neurorobotics*, **2021**, 15, 639999	3.4	1
56	Neural Dynamics under Active Inference: Plausibility and Efficiency of Information Processing. *Entropy*, **2021**, 23,	2.8	9
55	Generative Models for Active Vision. *Frontiers in Neurorobotics*, **2021**, 15, 651432	3.4	6

54	Editorial: Probabilistic Perspectives on Brain (Dys)function. **2021**, 4, 710179	
53	The extrafoveal preview paradigm as a measure of predictive, active sampling in visual perception. **2021**, 21, 12	0
52	Contextual perception under active inference. **2021**, 11, 16223	0
51	Towards a computational phenomenology of mental action: modelling meta-awareness and attentional control with deep parametric active inference. **2021**, 2021, niab018	5
50	Binocular rivalry reveals an out-of-equilibrium neural dynamics suited for decision-making. **2021**, 10,	5
49	Unrestricted eye movements strengthen causal connectivity from hippocampal to oculomotor regions during scene construction.	
48	Realizing Active Inference in Variational Message Passing: The Outcome-Blind Certainty Seeker. **2021**, 33, 2762-2826	2
47	World model learning and inference. **2021**, 144, 573-590	4
46	Robot navigation as hierarchical active inference. **2021**, 142, 192-204	12
45	An empirical evaluation of active inference in multi-armed bandits. **2021**, 144, 229-246	6
44	Choosing a Markov blanket. **2020**, 43, e112	1
43	Active Listening.	0
42	Representation of contralateral visual space in the human hippocampus.	4
41	Generalised free energy and active inference: can the future cause the past?.	8
40	In the Body's Eye: The Computational Anatomy of Interoceptive Inference.	39
39	An active inference approach to modeling structure learning: concept learning as an example case.	6
38	Simulating emotions: An active inference model of emotional state inference and emotion concept learning.	4
37	A Bayesian account of generalist and specialist formation under the Active Inference framework.	3

36	Computational Account of Spontaneous Activity as a Signature of Predictive Coding. **2017**, 13, e1005355		22
35	Deep Active Inference and Scene Construction. **2020**, 3, 509354		10
34	The Acquisition of Culturally Patterned Attention Styles Under Active Inference. *Frontiers in Neurorobotics*, **2021**, 15, 729665	3.4	0
33	Active inference, selective attention, and the cocktail party problem. **2021**, 131, 1288-1304		2
32	Compositional clustering in task structure learning.		
31	Planning and navigation as active inference.		2
30	Hallucinations both in and out of context: An Active Inference Account.		
29	Visual Attention Through Uncertainty Minimization in Recurrent Generative Models.		1
28	Deep Active Inference and Scene Construction.		1
27	TTOM in action: Refining the variational approach to cognition and culture. **2020**, 43, e120		2
26	You Only Look as Much as You Have To. *Communications in Computer and Information Science*, **2020**, 92-100	0.3	
25	Looking for the neural basis of memory. *Trends in Cognitive Sciences*, **2021**,	14	0
24	Simulating homeostatic, allostatic and goal-directed forms of interoceptive control using active inference.. *Biological Psychology*, **2022**, 169, 108266	3.2	6
23	Editorial: Active Vision and Perception in Human-Robot Collaboration.. *Frontiers in Neurorobotics*, **2022**, 16, 848065	3.4	
22	Sensorimotor Visual Perception on Embodied System Using Free Energy Principle. *Communications in Computer and Information Science*, **2021**, 865-877	0.3	0
21	Therapeutic Alliance as Active Inference: The Role of Therapeutic Touch and Synchrony.. *Frontiers in Psychology*, **2022**, 13, 783694	3.4	3
20	The Free Energy Principle for Perception and Action: A Deep Learning Perspective.. *Entropy*, **2022**, 24,	2.8	4
19	Embodied Object Representation Learning and Recognition.. *Frontiers in Neurorobotics*, **2022**, 16, 840658	3.4	2

18	Data_Sheet_1.pdf. **2018**,		
17	Data_Sheet_1.zip. **2020**,		
16	Data_Sheet_1.zip. **2019**,		
15	Data_Sheet_1.pdf. **2020**,		
14	The Literalist Fallacy and the Free Energy Principle: Model-Building, Scientific Realism, and Instrumentalism
. *British Journal for the Philosophy of Science*,	1.7	0
13	Episodic memory formation in naturalistic viewing.		
12	Active Inference, Bayesian Optimal Design, and Expected Utility. **2022**, 124-146		0
11	Unrestricted eye movements strengthen effective connectivity from hippocampal to oculomotor regions during scene construction. *NeuroImage*, **2022**, 260, 119497	7.9	0
10	Reclaiming saliency: Rhythmic precision-modulated action and perception. 16,		
9	Affordance and Active Inference. **2022**, 211-219		0
8	A vessel without a pilot: Bodily and affective experience in the Cotard delusion of inexistence.		0
7	In the Body's Eye: The computational anatomy of interoceptive inference. **2022**, 18, e1010490		0
6	The constrained disorder principle defines living organisms and provides a method for correcting disturbed biological systems. **2022**, 20, 6087-6096		1
5	Structure learning enhances concept formation in synthetic Active Inference agents. **2022**, 17, e0277199		0
4	Episodic memory formation in unrestricted viewing. **2023**, 266, 119821		0
3	Markov Blankets for Sustainability. **2023**, 313-323		0
2	Using Gaze for Behavioural Biometrics. **2023**, 23, 1262		0
1	Generative models for sequential dynamics in active inference.		0