

# Anil K Seth

## List of Publications by Citations

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192  
papers

13,205  
citations

55  
h-index

113  
g-index

238  
ext. papers

16,193  
ext. citations

4.9  
avg, IF

7.4  
L-index

#	Paper	IF	Citations
192	Interoceptive inference, emotion, and the embodied self. <i>Trends in Cognitive Sciences</i> , <b>2013</b> , 17, 565-73	14	880
191	Knowing your own heart: distinguishing interoceptive accuracy from interoceptive awareness. <i>Biological Psychology</i> , <b>2015</b> , 104, 65-74	3.2	619
190	Granger causality and transfer entropy are equivalent for Gaussian variables. <i>Physical Review Letters</i> , <b>2009</b> , 103, 238701	7.4	576
189	A MATLAB toolbox for Granger causal connectivity analysis. <i>Journal of Neuroscience Methods</i> , <b>2010</b> , 186, 262-73	3	551
188	Wiener-Granger causality: a well established methodology. <i>NeuroImage</i> , <b>2011</b> , 58, 323-9	7.9	530
187	The MVGC multivariate Granger causality toolbox: a new approach to Granger-causal inference. <i>Journal of Neuroscience Methods</i> , <b>2014</b> , 223, 50-68	3	509
186	An interoceptive predictive coding model of conscious presence. <i>Frontiers in Psychology</i> , <b>2011</b> , 2, 395	3.4	442
185	Facial expression megamix: tests of dimensional and category accounts of emotion recognition. <i>Cognition</i> , <b>1997</b> , 63, 271-313	3.5	439
184	Granger causality analysis in neuroscience and neuroimaging. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 3293-7	6.6	417
183	Analysing connectivity with Granger causality and dynamic causal modelling. <i>Current Opinion in Neurobiology</i> , <b>2013</b> , 23, 172-8	7.6	401
182	Active interoceptive inference and the emotional brain. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 371,	5.8	304
181	Superficial white matter fiber systems impede detection of long-range cortical connections in diffusion MR tractography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E2820-8	11.5	267
180	Multisensory integration across exteroceptive and interoceptive domains modulates self-experience in the rubber-hand illusion. <i>Neuropsychologia</i> , <b>2013</b> , 51, 2909-17	3.2	247
179	Measuring consciousness: relating behavioural and neurophysiological approaches. <i>Trends in Cognitive Sciences</i> , <b>2008</b> , 12, 314-21	14	239
178	Discrepancies between dimensions of interoception in autism: Implications for emotion and anxiety. <i>Biological Psychology</i> , <b>2016</b> , 114, 117-26	3.2	232
177	Theories and measures of consciousness: an extended framework. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 10799-804	11.5	208
176	Fear from the heart: sensitivity to fear stimuli depends on individual heartbeats. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 6573-82	6.6	205

175	Causal connectivity of evolved neural networks during behavior. <i>Network: Computation in Neural Systems</i> , <b>2005</b> , 16, 35-54	0.7	184
174	Criteria for consciousness in humans and other mammals. <i>Consciousness and Cognition</i> , <b>2005</b> , 14, 119-39	2.6	174
173	Allostatic Self-efficacy: A Metacognitive Theory of Dyshomeostasis-Induced Fatigue and Depression. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 550	3.3	169
172	A predictive processing theory of sensorimotor contingencies: Explaining the puzzle of perceptual presence and its absence in synesthesia. <i>Cognitive Neuroscience</i> , <b>2014</b> , 5, 97-118	1.7	154
171	Granger causality analysis of fMRI BOLD signals is invariant to hemodynamic convolution but not downsampling. <i>NeuroImage</i> , <b>2013</b> , 65, 540-55	7.9	149
170	Partial Granger causality--eliminating exogenous inputs and latent variables. <i>Journal of Neuroscience Methods</i> , <b>2008</b> , 172, 79-93	3	148
169	Increased spontaneous MEG signal diversity for psychoactive doses of ketamine, LSD and psilocybin. <i>Scientific Reports</i> , <b>2017</b> , 7, 46421	4.9	146
168	Multivariate Granger causality and generalized variance. <i>Physical Review E</i> , <b>2010</b> , 81, 041907	2.4	144
167	The free energy principle for action and perception: A mathematical review. <i>Journal of Mathematical Psychology</i> , <b>2017</b> , 81, 55-79	1.2	143
166	Complexity of Multi-Dimensional Spontaneous EEG Decreases during Propofol Induced General Anaesthesia. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133532	3.7	138
165	Identifying hallmarks of consciousness in non-mammalian species. <i>Consciousness and Cognition</i> , <b>2005</b> , 14, 169-87	2.6	132
164	Behaviour of Granger causality under filtering: theoretical invariance and practical application. <i>Journal of Neuroscience Methods</i> , <b>2011</b> , 201, 404-19	3	128
163	Neural basis of contagious itch and why some people are more prone to it. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 19816-21	11.5	125
162	Consciousness in humans and non-human animals: recent advances and future directions. <i>Frontiers in Psychology</i> , <b>2013</b> , 4, 625	3.4	123
161	Gambling on the unconscious: a comparison of wagering and confidence ratings as measures of awareness in an artificial grammar task. <i>Consciousness and Cognition</i> , <b>2010</b> , 19, 674-81	2.6	118
160	Animal consciousness: a synthetic approach. <i>Trends in Neurosciences</i> , <b>2009</b> , 32, 476-84	13.3	111
159	Practical measures of integrated information for time-series data. <i>PLoS Computational Biology</i> , <b>2011</b> , 7, e1001052	5	107
158	Granger causality analysis of steady-state electroencephalographic signals during propofol-induced anaesthesia. <i>PLoS ONE</i> , <b>2012</b> , 7, e29072	3.7	104

157	Being a Beast Machine: The Somatic Basis of Selfhood. <i>Trends in Cognitive Sciences</i> , <b>2018</b> , 22, 969-981	14	103
156	What the heart forgets: Cardiac timing influences memory for words and is modulated by metacognition and interoceptive sensitivity. <i>Psychophysiology</i> , <b>2013</b> , 50, 505-12	4.1	98
155	Diagnosing synaesthesia with online colour pickers: maximising sensitivity and specificity. <i>Journal of Neuroscience Methods</i> , <b>2013</b> , 215, 156-60	3	98
154	Extending predictive processing to the body: emotion as interoceptive inference. <i>Behavioral and Brain Sciences</i> , <b>2013</b> , 36, 227-8	0.9	95
153	Granger causality for state-space models. <i>Physical Review E</i> , <b>2015</b> , 91, 040101	2.4	92
152	Measures of metacognition on signal-detection theoretic models. <i>Psychological Methods</i> , <b>2013</b> , 18, 535-521	1	86
151	Will studies of macaque insula reveal the neural mechanisms of self-awareness?. <i>Neuron</i> , <b>2012</b> , 74, 423-613,9	13.9	83
150	Information flow in a kinetic Ising model peaks in the disordered phase. <i>Physical Review Letters</i> , <b>2013</b> , 111, 177203	7.4	82
149	Distinguishing causal interactions in neural populations. <i>Neural Computation</i> , <b>2007</b> , 19, 910-33	2.9	80
148	Three-Dimensional Digital Template Atlas of the Macaque Brain. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 4463-4477	5.1	78
147	Characterizing brain states with Granger causality. <i>BMC Neuroscience</i> , <b>2013</b> , 14,	3.2	78
146	Consciousness and the prefrontal parietal network: insights from attention, working memory, and chunking. <i>Frontiers in Psychology</i> , <b>2012</b> , 3, 63	3.4	78
145	Spatial navigation and causal analysis in a brain-based device modeling cortical-hippocampal interactions. <i>Neuroinformatics</i> , <b>2005</b> , 3, 197-221	3.2	75
144	Explanatory Correlates of Consciousness: Theoretical and Computational Challenges. <i>Cognitive Computation</i> , <b>2009</b> , 1, 50-63	4.4	74
143	Causal density and integrated information as measures of conscious level. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2011</b> , 369, 3748-67	3	73
142	Influence of wiring cost on the large-scale architecture of human cortical connectivity. <i>PLoS Computational Biology</i> , <b>2014</b> , 10, e1003557	5	67
141	Expectations accelerate entry of visual stimuli into awareness. <i>Journal of Vision</i> , <b>2015</b> , 15, 13	0.4	64
140	Granger causality. <i>Scholarpedia Journal</i> , <b>2007</b> , 2, 1667	1.5	59

139	Rhythmic Influence of Top-Down Perceptual Priors in the Phase of Prestimulus Occipital Alpha Oscillations. <i>Journal of Cognitive Neuroscience</i> , <b>2016</b> , 28, 1318-30	3.1	58
138	The felt presence of other minds: Predictive processing, counterfactual predictions, and mentalising in autism. <i>Consciousness and Cognition</i> , <b>2015</b> , 36, 376-89	2.6	56
137	Causal networks in simulated neural systems. <i>Cognitive Neurodynamics</i> , <b>2008</b> , 2, 49-64	4.2	55
136	Global and local complexity of intracranial EEG decreases during NREM sleep. <i>Neuroscience of Consciousness</i> , <b>2017</b> , 2017, niw022	3.3	52
135	Neural Darwinism and consciousness. <i>Consciousness and Cognition</i> , <b>2005</b> , 14, 140-68	2.6	51
134	A social Bayesian brain: How social knowledge can shape visual perception. <i>Brain and Cognition</i> , <b>2017</b> , 112, 69-77	2.7	48
133	Grapheme-colour synaesthesia improves detection of embedded shapes, but without pre-attentive 'pop-out' of synaesthetic colour. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2010</b> , 277, 1021-6	4.4	48
132	Detectability of Granger causality for subsampled continuous-time neurophysiological processes. <i>Journal of Neuroscience Methods</i> , <b>2017</b> , 275, 93-121	3	47
131	Visual binding through reentrant connectivity and dynamic synchronization in a brain-based device. <i>Cerebral Cortex</i> , <b>2004</b> , 14, 1185-99	5.1	47
130	The power of human brain magnetoencephalographic signals can be modulated up or down by changes in an attentive visual task. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 3501-6	11.5	46
129	Domain-general enhancements of metacognitive ability through adaptive training. <i>Journal of Experimental Psychology: General</i> , <b>2019</b> , 148, 51-64	4.7	46
128	Learning action-oriented models through active inference. <i>PLoS Computational Biology</i> , <b>2020</b> , 16, e1007805	3.05	45
127	Deficits in Neurite Density Underlie White Matter Structure Abnormalities in First-Episode Psychosis. <i>Biological Psychiatry</i> , <b>2017</b> , 82, 716-725	7.9	44
126	The Enactive Torch: A New Tool for the Science of Perception. <i>IEEE Transactions on Haptics</i> , <b>2012</b> , 5, 365-75	3.5	43
125	Neurite orientation and dispersion density imaging (NODDI) detects cortical and corticospinal tract degeneration in ALS. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2019</b> , 90, 404-411	5.5	43
124	The ecology of action selection: insights from artificial life. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2007</b> , 362, 1545-58	5.8	42
123	Post-decision wagering measures metacognitive content, not sensory consciousness. <i>Consciousness and Cognition</i> , <b>2008</b> , 17, 981-3	2.6	41
122	Accurate metacognition for visual sensory memory representations. <i>Psychological Science</i> , <b>2014</b> , 25, 861-73	7.3	40

121	Measuring autonomy and emergence via Granger causality. <i>Artificial Life</i> , <b>2010</b> , 16, 179-96	1.4	40
120	Measuring Integrated Information: Comparison of Candidate Measures in Theory and Simulation. <i>Entropy</i> , <b>2018</b> , 21,	2.8	38
119	A Bayesian Account of the Sensory-Motor Interactions Underlying Symptoms of Tourette Syndrome. <i>Frontiers in Psychiatry</i> , <b>2019</b> , 10, 29	5	37
118	Prior expectations facilitate metacognition for perceptual decision. <i>Consciousness and Cognition</i> , <b>2015</b> , 35, 53-65	2.6	37
117	Introduction. Modelling natural action selection. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2007</b> , 362, 1521-9	5.8	37
116	Solved problems for Granger causality in neuroscience: A response to Stokes and Purdon. <i>NeuroImage</i> , <b>2018</b> , 178, 744-748	7.9	35
115	Blind insight: metacognitive discrimination despite chance task performance. <i>Psychological Science</i> , <b>2014</b> , 25, 2199-208	7.9	35
114	Decision-making under risk: a graph-based network analysis using functional MRI. <i>NeuroImage</i> , <b>2012</b> , 60, 2191-205	7.9	35
113	Adults can be trained to acquire synesthetic experiences. <i>Scientific Reports</i> , <b>2014</b> , 4, 7089	4.9	34
112	Environment and Behavior Influence the Complexity of Evolved Neural Networks. <i>Adaptive Behavior</i> , <b>2004</b> , 12, 5-20	1.1	32
111	A Deep-Dream Virtual Reality Platform for Studying Altered Perceptual Phenomenology. <i>Scientific Reports</i> , <b>2017</b> , 7, 15982	4.9	28
110	Opportunities and challenges for a maturing science of consciousness. <i>Nature Human Behaviour</i> , <b>2019</b> , 3, 104-107	12.8	28
109	Modeling Group Foraging: Individual Suboptimality, Interference, and a Kind of Matching. <i>Adaptive Behavior</i> , <b>2001</b> , 9, 67-89	1.1	27
108	Activity in perceptual classification networks as a basis for human subjective time perception. <i>Nature Communications</i> , <b>2019</b> , 10, 267	17.4	27
107	Consciousness: The last 50 years (and the next). <i>Brain and Neuroscience Advances</i> , <b>2018</b> , 2, 2398212818816019	16.0	27
106	Measuring any conscious content versus measuring the relevant conscious content: comment on Sandberg et al. <i>Consciousness and Cognition</i> , <b>2010</b> , 19, 1079-80; discussion 1081-3	2.6	26
105	The Uniformity Illusion. <i>Psychological Science</i> , <b>2017</b> , 28, 56-68	7.9	25
104	Decreased directed functional connectivity in the psychedelic state. <i>NeuroImage</i> , <b>2020</b> , 209, 116462	7.9	25

103	A comparative study of electrical potential sensors and Ag/AgCl electrodes for characterising spontaneous and event related electroencephalogram signals. <i>Journal of Neuroscience Methods</i> , <b>2015</b> , 251, 7-16	3	24
102	Are There Islands of Awareness?. <i>Trends in Neurosciences</i> , <b>2020</b> , 43, 6-16	13.3	24
101	Theta-burst transcranial magnetic stimulation to the prefrontal or parietal cortex does not impair metacognitive visual awareness. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171793	3.7	22
100	Trait phenomenological control predicts experience of mirror synaesthesia and the rubber hand illusion. <i>Nature Communications</i> , <b>2020</b> , 11, 4853	17.4	22
99	Split-Brain: What We Know Now and Why This is Important for Understanding Consciousness. <i>Neuropsychology Review</i> , <b>2020</b> , 30, 224-233	7.7	21
98	Predictions Shape Confidence in Right Inferior Frontal Gyrus. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 10323-10336	10.3	21
97	THE STRENGTH OF WEAK ARTIFICIAL CONSCIOUSNESS. <i>International Journal of Machine Consciousness</i> , <b>2009</b> , 01, 71-82		19
96	Single-trial discrimination of truthful from deceptive responses during a game of financial risk using alpha-band MEG signals. <i>NeuroImage</i> , <b>2006</b> , 32, 465-76	7.9	18
95	Presence, objecthood, and the phenomenology of predictive perception. <i>Cognitive Neuroscience</i> , <b>2015</b> , 6, 111-7	1.7	17
94	Misunderstandings regarding the application of Granger causality in neuroscience. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E6676-E6677	11.5	17
93	Loss of consciousness is related to hyper-correlated gamma-band activity in anesthetized macaques and sleeping humans. <i>NeuroImage</i> , <b>2018</b> , 167, 130-142	7.9	17
92	The grand challenge of consciousness. <i>Frontiers in Psychology</i> , <b>2010</b> , 1, 5	3.4	16
91	Theories and measures of consciousness develop together. <i>Consciousness and Cognition</i> , <b>2008</b> , 17, 986-82.6		16
90	Reconciling emergences: An information-theoretic approach to identify causal emergence in multivariate data. <i>PLoS Computational Biology</i> , <b>2020</b> , 16, e1008289	5	16
89	Modes and models in disorders of consciousness science. <i>Archives Italiennes De Biologie</i> , <b>2012</b> , 150, 172-84		16
88	Face perception enhances insula and motor network reactivity in Tourette syndrome. <i>Brain</i> , <b>2018</b> , 141, 3249-3261	11.2	16
87	Don't make me angry, you wouldn't like me when I'm angry: Volitional choices to act or inhibit are modulated by subliminal perception of emotional faces. <i>Cognitive, Affective and Behavioral Neuroscience</i> , <b>2017</b> , 17, 252-268	3.5	15
86	Cross-modal prediction changes the timing of conscious access during the motion-induced blindness. <i>Consciousness and Cognition</i> , <b>2015</b> , 31, 139-47	2.6	15



85	On the Relationship Between Active Inference and Control as Inference. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 3-11	0.3	15
84	Coordinated neural, behavioral, and phenomenological changes in perceptual plasticity through overtraining of synesthetic associations. <i>Neuropsychologia</i> , <b>2018</b> , 111, 151-162	3.2	14
83	Impairment of perceptual metacognitive accuracy and reduced prefrontal grey matter volume in first-episode psychosis. <i>Cognitive Neuropsychiatry</i> , <b>2018</b> , 23, 165-179	2	13
82	Active Sensing of Visual and Tactile Stimuli by Brain-based Devices. <i>International Journal of Robotics and Automation</i> , <b>2004</b> , 19,	1.3	13
81	Sensorimotor contingency modulates breakthrough of virtual 3D objects during a breaking continuous flash suppression paradigm. <i>Cognition</i> , <b>2019</b> , 187, 95-107	3.5	12
80	Automaticity and localisation of concurrents predicts colour area activity in grapheme-colour synaesthesia. <i>Neuropsychologia</i> , <b>2016</b> , 88, 5-14	3.2	12
79	An extended case study on the phenomenology of sequence-space synesthesia. <i>Frontiers in Human Neuroscience</i> , <b>2014</b> , 8, 433	3.3	12
78	Conscious visual memory with minimal attention. <i>Journal of Experimental Psychology: General</i> , <b>2017</b> , 146, 214-226	4.7	12
77	Dopamine-signaled reward predictions generated by competitive excitation and inhibition in a spiking neural network model. <i>Frontiers in Computational Neuroscience</i> , <b>2011</b> , 5, 21	3.5	11
76	Theories of consciousness.. <i>Nature Reviews Neuroscience</i> , <b>2022</b> ,	13.5	11
75	Embodied models of delayed neural responses: spatiotemporal categorization and predictive motor control in brain based devices. <i>Neural Networks</i> , <b>2008</b> , 21, 553-61	9.1	10
74	Response to Gu and FitzGerald: Interoceptive inference: from decision-making to organism integrity. <i>Trends in Cognitive Sciences</i> , <b>2014</b> , 18, 270-1	14	9
73	Axioms, properties and criteria: roles for synthesis in the science of consciousness. <i>Artificial Intelligence in Medicine</i> , <b>2008</b> , 44, 91-104	7.4	9
72	Effects of external stimulation on psychedelic state neurodynamics		9
71	Individual differences in change blindness are predicted by the strength and stability of visual representations. <i>Neuroscience of Consciousness</i> , <b>2019</b> , 2019, niy010	3.3	8
70	Neural coding: rate and time codes work together. <i>Current Biology</i> , <b>2015</b> , 25, R110-R113	6.3	8
69	Can grapheme-color synesthesia be induced by hypnosis?. <i>Frontiers in Human Neuroscience</i> , <b>2014</b> , 8, 220	3.3	8
68	Subjective measures of implicit knowledge that go beyond confidence: Reply to Overgaard et al.. <i>Consciousness and Cognition</i> , <b>2010</b> , 19, 685-686	2.6	8



67	Differential neural mechanisms for early and late prediction error detection. <i>Scientific Reports</i> , <b>2016</b> , 6, 24350	4.9	8
66	From Unconscious Inference to the Beholder's Share: Predictive Perception and Human Experience. <i>European Review</i> , <b>2019</b> , 27, 378-410	0.3	7
65	Visual Perceptual Echo Reflects Learning of Regularities in Rapid Luminance Sequences. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 8486-8497	6.6	6
64	Detecting conscious awareness from involuntary autonomic responses. <i>Consciousness and Cognition</i> , <b>2011</b> , 20, 936-42	2.6	6
63	Simulating homeostatic, allostatic and goal-directed forms of interoceptive control using active inference.. <i>Biological Psychology</i> , <b>2022</b> , 169, 108266	3.2	6
62	Multi-neuronal refractory period adapts centrally generated behaviour to reward. <i>PLoS ONE</i> , <b>2012</b> , 7, e42493	3.7	6
61	Phenomenological control: response to imaginative suggestion predicts measures of mirror touch synaesthesia, vicarious pain and the rubber hand illusion		6
60	Curious Inferences: Reply to Sun and Firestone on the Dark Room Problem. <i>Trends in Cognitive Sciences</i> , <b>2020</b> , 24, 681-683	14	6
59	Predictive processing as an empirical theory consciousness science. <i>Cognitive Neuroscience</i> , <b>2021</b> , 12, 89-90	1.7	6
58	Cortical mechanisms of action selection: the affordance competition hypothesis		5
57	The cognitive neuroscience of consciousness. <i>Cognitive Neuroscience</i> , <b>2010</b> , 1, 153-4	1.7	5
56	Hypothesis awareness confounds asynchronous control conditions in indirect measures of the rubber hand illusion. <i>Royal Society Open Science</i> , <b>2021</b> , 8, 210911	3.3	5
55	Phenomenological control as cold control.. <i>Psychology of Consciousness: Theory Research, and Practice</i> ,	1.8	5
54	An academic survey on theoretical foundations, common assumptions and the current state of the field of consciousness science		5
53	I overthink therefore I am not: Altered Sense of Self and Agency in Depersonalisation Disorder		5
52	Simulating homeostatic, allostatic and goal-directed forms of interoceptive control using Active Inference		5
51	Predictive processing as a systematic basis for identifying the neural correlates of consciousness		4
50	Action-Oriented Understanding of Consciousness and the Structure of Experience <b>2016</b> , 261-282		4

49	From generative models to generative passages: A computational approach to (neuro)phenomenology		4
48	Synesthesia improves sensory memory, when perceptual awareness is high. <i>Vision Research</i> , <b>2018</b> , 153, 1-6	2.1	4
47	What's up with the Rubber Hand Illusion?		4
46	Neurophenomenology of induced and natural synaesthesia. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 374, 20190030	5.8	3
45	Darwin's neuroscientist: Gerald M. Edelman, 1929-2014. <i>Frontiers in Psychology</i> , <b>2014</b> , 5, 896	3.4	3
44	The functional utility of consciousness depends on content as well as on state. <i>Behavioral and Brain Sciences</i> , <b>2007</b> , 30, 106-106	0.9	3
43	Let's not forget about sensory consciousness. <i>Behavioral and Brain Sciences</i> , <b>2004</b> , 27, 601-602	0.9	3
42	Reply to: No specific relationship between hypnotic suggestibility and the rubber hand illusion.. <i>Nature Communications</i> , <b>2022</b> , 13, 563	17.4	3
41	Perceptual Content, Not Physiological Signals, Determines Perceived Duration When Viewing Dynamic, Natural Scenes. <i>Collabra: Psychology</i> , <b>2019</b> , 5,	2.8	3
40	A predictive processing model of episodic memory and time perception		3
39	Quantifying metacognitive thresholds using signal-detection theory		3
38	Multiple Duration Priors Within and Across the Senses		3
37	Increased spontaneous EEG signal diversity during stroboscopically-induced altered states of consciousness		3
36	Individual differences in the tendency to see the expected. <i>Consciousness and Cognition</i> , <b>2020</b> , 85, 102989.6		3
35	Fractionation of parietal function in bistable perception probed with concurrent TMS-EEG. <i>Scientific Data</i> , <b>2016</b> , 3, 160065	8.2	2
34	Response to Ruby et al: On a 'failed' attempt to manipulate conscious perception with transcranial magnetic stimulation to prefrontal cortex. <i>Consciousness and Cognition</i> , <b>2018</b> , 65, 334-341	2.6	2
33	Putting Descartes before the horse: Quantum theories of consciousness: Comment on "Consciousness, biology, and quantum hypotheses" by Baars & Edelman. <i>Physics of Life Reviews</i> , <b>2012</b> , 9, 297-8; discussion 306-7	2.1	2
32	Intentional binding without intentional action		2

31	Being a beast machine: The origins of selfhood in control-oriented interoceptive inference		2
30	Functions of consciousness		2
29	Closing the Sensory-Motor Loop on Dopamine Signalled Reinforcement Learning. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 280-290	0.9	2
28	Neurophysiological signatures of duration and rhythm prediction across sensory modalities		2
27	Time without clocks: Human time perception based on perceptual classification		2
26	From Complexity to Consciousness. <i>Trends in Neurosciences</i> , <b>2020</b> , 43, 546-547	13.3	2
25	Infer yourself: Interoception and internal "action" in conscious selfhood. <i>Behavioral and Brain Sciences</i> , <b>2016</b> , 39, e196	0.9	2
24	Sensorimotor predictions shape reported conscious visual experience in a breaking continuous flash suppression task. <i>Neuroscience of Consciousness</i> , <b>2021</b> , 2021, niab003	3.3	2
23	A single system account of enhanced recognition memory in synaesthesia. <i>Memory and Cognition</i> , <b>2020</b> , 48, 188-199	2.2	1
22	What behaviourism can (and cannot) tell us about brain imaging. <i>Trends in Cognitive Sciences</i> , <b>2014</b> , 18, 5-6	14	1
21	Do we expect natural selection to produce rational behaviour?12-36		1
20	Optimised agent-based modelling of action selection37-60		1
19	Neural theories need to account for, not discount, introspection and behavior. <i>Cognitive Neuroscience</i> , <b>2010</b> , 1, 227-8	1.7	1
18	Don't Throw the Baby Iguana Out With the Bathwater. <i>Adaptive Behavior</i> , <b>2009</b> , 17, 338-342	1.1	1
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16	Measuring Autonomy by Multivariate Autoregressive Modelling <b>2007</b> , 475-484		1
15	Decreased Directed Functional Connectivity in the Psychedelic State		1
14	Accumulation of Salient Perceptual Events Predicts Human Subjective Time		1

13	Neuroimaging Studies of Interoception and Self-Awareness <b>2013</b> , 207-224		1
12	Inferring the temporal structure of directed functional connectivity in neural systems: some extensions to Granger causality <b>2019</b> ,		1
11	I overthink-Therefore I am not: An active inference account of altered sense of self and agency in depersonalisation disorder.. <i>Consciousness and Cognition</i> , <b>2022</b> , 101, 103320	2.6	1
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9	Psychophysiology of neural, cognitive and affective integration: How theoretical perspectives align with evidence from brain imaging. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2013</b> , 177, 305-306	2.4	
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6	Artificial Neural Systems for Robots <b>2011</b> , 214-248		
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