

Anil K Seth

List of Publications by Year in descending order

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Version: 2024-02-01

188
papers

18,631
citations

20817

60
h-index

14759

127
g-index

238
all docs

238
docs citations

238
times ranked

13875
citing authors

#	ARTICLE	IF	CITATIONS
1	Interoceptive inference, emotion, and the embodied self. Trends in Cognitive Sciences, 2013, 17, 565-573.	7.8	1,240
2	Knowing your own heart: Distinguishing interoceptive accuracy from interoceptive awareness. Biological Psychology, 2015, 104, 65-74.	2.2	913
3	The MVGC multivariate Granger causality toolbox: A new approach to Granger-causal inference. Journal of Neuroscience Methods, 2014, 223, 50-68.	2.5	790
4	Granger Causality and Transfer Entropy Are Equivalent for Gaussian Variables. Physical Review Letters, 2009, 103, 238701.	7.8	773
5	Wiener's Granger Causality: A well established methodology. NeuroImage, 2011, 58, 323-329.	4.2	734
6	A MATLAB toolbox for Granger causal connectivity analysis. Journal of Neuroscience Methods, 2010, 186, 262-273.	2.5	706
7	Granger Causality Analysis in Neuroscience and Neuroimaging. Journal of Neuroscience, 2015, 35, 3293-3297.	3.6	660
8	An Interoceptive Predictive Coding Model of Conscious Presence. Frontiers in Psychology, 2011, 2, 395.	2.1	589
9	Analysing connectivity with Granger causality and dynamic causal modelling. Current Opinion in Neurobiology, 2013, 23, 172-178.	4.2	544
10	Active interoceptive inference and the emotional brain. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20160007.	4.0	508
11	Facial expression megamix: Tests of dimensional and category accounts of emotion recognition. Cognition, 1997, 63, 271-313.	2.2	506
12	Superficial white matter fiber systems impede detection of long-range cortical connections in diffusion MR tractography. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2820-8.	7.1	364
13	Multisensory integration across exteroceptive and interoceptive domains modulates self-experience in the rubber-hand illusion. Neuropsychologia, 2013, 51, 2909-2917.	1.6	341
14	Discrepancies between dimensions of interoception in autism: Implications for emotion and anxiety. Biological Psychology, 2016, 114, 117-126.	2.2	326
15	Measuring consciousness: relating behavioural and neurophysiological approaches. Trends in Cognitive Sciences, 2008, 12, 314-321.	7.8	303
16	Increased spontaneous MEG signal diversity for psychoactive doses of ketamine, LSD and psilocybin. Scientific Reports, 2017, 7, 46421.	3.3	266
17	Allostatic Self-efficacy: A Metacognitive Theory of Dyshomeostasis-Induced Fatigue and Depression. Frontiers in Human Neuroscience, 2016, 10, 550.	2.0	256
18	Fear from the Heart: Sensitivity to Fear Stimuli Depends on Individual Heartbeats. Journal of Neuroscience, 2014, 34, 6573-6582.	3.6	255

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19	Theories and measures of consciousness: An extended framework. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10799-10804.	7.1	248
20	Complexity of Multi-Dimensional Spontaneous EEG Decreases during Propofol Induced General Anaesthesia. PLoS ONE, 2015, 10, e0133532.	2.5	231
21	Criteria for consciousness in humans and other mammals. Consciousness and Cognition, 2005, 14, 119-139.	1.5	219
22	The free energy principle for action and perception: A mathematical review. Journal of Mathematical Psychology, 2017, 81, 55-79.	1.8	214
23	Causal connectivity of evolved neural networks during behavior. Network: Computation in Neural Systems, 2005, 16, 35-54.	3.6	211
24	Granger causality analysis of fMRI BOLD signals is invariant to hemodynamic convolution but not downsampling. NeuroImage, 2013, 65, 540-555.	4.2	210
25	A predictive processing theory of sensorimotor contingencies: Explaining the puzzle of perceptual presence and its absence in synesthesia. Cognitive Neuroscience, 2014, 5, 97-118.	1.4	200
26	Theories of consciousness. Nature Reviews Neuroscience, 2022, 23, 439-452.	10.2	191
27	Multivariate Granger causality and generalized variance. Physical Review E, 2010, 81, 041907.	2.1	189
28	Partial Granger causality – Eliminating exogenous inputs and latent variables. Journal of Neuroscience Methods, 2008, 172, 79-93.	2.5	183
29	Being a Beast Machine: The Somatic Basis of Selfhood. Trends in Cognitive Sciences, 2018, 22, 969-981.	7.8	181
30	Animal consciousness: a synthetic approach. Trends in Neurosciences, 2009, 32, 476-484.	8.6	176
31	Consciousness in humans and non-human animals: recent advances and future directions. Frontiers in Psychology, 2013, 4, 625.	2.1	170
32	Behaviour of Granger causality under filtering: Theoretical invariance and practical application. Journal of Neuroscience Methods, 2011, 201, 404-419.	2.5	154
33	Identifying hallmarks of consciousness in non-mammalian species. Consciousness and Cognition, 2005, 14, 169-187.	1.5	153
34	Neural basis of contagious itch and why some people are more prone to it. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19816-19821.	7.1	150
35	Practical Measures of Integrated Information for Time-Series Data. PLoS Computational Biology, 2011, 7, e1001052.	3.2	145
36	Three-Dimensional Digital Template Atlas of the Macaque Brain. Cerebral Cortex, 2017, 27, 4463-4477.	2.9	145

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37	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> , 2010, 19, 674-681.	1.5	138
38	Granger Causality Analysis of Steady-State Electroencephalographic Signals during Propofol-Induced Anaesthesia. <i>PLoS ONE</i> , 2012, 7, e29072.	2.5	138
39	Granger causality for state-space models. <i>Physical Review E</i> , 2015, 91, 040101.	2.1	133
40	What the heart forgets: Cardiac timing influences memory for words and is modulated by metacognition and interoceptive sensitivity. <i>Psychophysiology</i> , 2013, 50, 505-512.	2.4	125
41	Extending predictive processing to the body: Emotion as interoceptive inference. <i>Behavioral and Brain Sciences</i> , 2013, 36, 227-228.	0.7	123
42	Measures of metacognition on signal-detection theoretic models.. <i>Psychological Methods</i> , 2013, 18, 535-552.	3.5	120
43	Diagnosing synaesthesia with online colour pickers: Maximising sensitivity and specificity. <i>Journal of Neuroscience Methods</i> , 2013, 215, 156-160.	2.5	111
44	Domain-general enhancements of metacognitive ability through adaptive training.. <i>Journal of Experimental Psychology: General</i> , 2019, 148, 51-64.	2.1	101
45	Consciousness and the Prefrontal Parietal Network: Insights from Attention, Working Memory, and Chunking. <i>Frontiers in Psychology</i> , 2012, 3, 63.	2.1	99
46	Information Flow in a Kinetic Ising Model Peaks in the Disordered Phase. <i>Physical Review Letters</i> , 2013, 111, 177203.	7.8	99
47	Explanatory Correlates of Consciousness: Theoretical and Computational Challenges. <i>Cognitive Computation</i> , 2009, 1, 50-63.	5.2	97
48	Causal density and integrated information as measures of conscious level. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 3748-3767.	3.4	97
49	Rhythmic Influence of Top-Down Perceptual Priors in the Phase of Prestimulus Occipital Alpha Oscillations. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 1318-1330.	2.3	96
50	Global and local complexity of intracranial EEG decreases during NREM sleep. <i>Neuroscience of Consciousness</i> , 2017, 2017, niw022.	2.6	94
51	Will Studies of Macaque Insula Reveal the Neural Mechanisms of Self-Awareness?. <i>Neuron</i> , 2012, 74, 423-426.	8.1	92
52	Distinguishing Causal Interactions in Neural Populations. <i>Neural Computation</i> , 2007, 19, 910-933.	2.2	90
53	Granger causality. <i>Scholarpedia Journal</i> , 2007, 2, 1667.	0.3	88
54	Spatial Navigation and Causal Analysis in a Brain-Based Device Modeling Cortical-Hippocampal Interactions. <i>Neuroinformatics</i> , 2005, 3, 197-222.	2.8	87

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55	Expectations accelerate entry of visual stimuli into awareness. <i>Journal of Vision</i> , 2015, 15, 13.	0.3	85
56	A social Bayesian brain: How social knowledge can shape visual perception. <i>Brain and Cognition</i> , 2017, 112, 69-77.	1.8	85
57	Influence of Wiring Cost on the Large-Scale Architecture of Human Cortical Connectivity. <i>PLoS Computational Biology</i> , 2014, 10, e1003557.	3.2	78
58	The felt presence of other minds: Predictive processing, counterfactual predictions, and mentalising in autism. <i>Consciousness and Cognition</i> , 2015, 36, 376-389.	1.5	72
59	Neurite orientation and dispersion density imaging (NODDI) detects cortical and corticospinal tract degeneration in ALS. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 404-411.	1.9	70
60	Causal networks in simulated neural systems. <i>Cognitive Neurodynamics</i> , 2008, 2, 49-64.	4.0	65
61	Measuring Integrated Information: Comparison of Candidate Measures in Theory and Simulation. <i>Entropy</i> , 2019, 21, 17.	2.2	65
62	Learning action-oriented models through active inference. <i>PLoS Computational Biology</i> , 2020, 16, e1007805.	3.2	64
63	Neural Darwinism and consciousness. <i>Consciousness and Cognition</i> , 2005, 14, 140-168.	1.5	62
64	Detectability of Granger causality for subsampled continuous-time neurophysiological processes. <i>Journal of Neuroscience Methods</i> , 2017, 275, 93-121.	2.5	62
65	The Enactive Torch: A New Tool for the Science of Perception. <i>IEEE Transactions on Haptics</i> , 2012, 5, 365-375.	2.7	61
66	Activity in perceptual classification networks as a basis for human subjective time perception. <i>Nature Communications</i> , 2019, 10, 267.	12.8	61
67	Visual Binding Through Reentrant Connectivity and Dynamic Synchronization in a Brain-based Device. <i>Cerebral Cortex</i> , 2004, 14, 1185-1199.	2.9	59
68	Deficits in Neurite Density Underlie White Matter Structure Abnormalities in First-Episode Psychosis. <i>Biological Psychiatry</i> , 2017, 82, 716-725.	1.3	59
69	Opportunities and challenges for a maturing science of consciousness. <i>Nature Human Behaviour</i> , 2019, 3, 104-107.	12.0	58
70	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> , 2010, 277, 1021-1026.	2.6	57
71	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> , 2003, 100, 3501-3506.	7.1	56
72	Measuring Autonomy and Emergence via Granger Causality. <i>Artificial Life</i> , 2010, 16, 179-196.	1.3	55

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73	Prior expectations facilitate metacognition for perceptual decision. <i>Consciousness and Cognition</i> , 2015, 35, 53-65.	1.5	54
74	Are There Islands of Awareness?. <i>Trends in Neurosciences</i> , 2020, 43, 6-16.	8.6	54
75	Trait phenomenological control predicts experience of mirror synaesthesia and the rubber hand illusion. <i>Nature Communications</i> , 2020, 11, 4853.	12.8	54
76	Accurate Metacognition for Visual Sensory Memory Representations. <i>Psychological Science</i> , 2014, 25, 861-873.	3.3	53
77	The ecology of action selection: insights from artificial life. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 1545-1558.	4.0	52
78	Reconciling emergences: An information-theoretic approach to identify causal emergence in multivariate data. <i>PLoS Computational Biology</i> , 2020, 16, e1008289.	3.2	52
79	Solved problems for Granger causality in neuroscience: A response to Stokes and Purdon. <i>NeuroImage</i> , 2018, 178, 744-748.	4.2	51
80	Decreased directed functional connectivity in the psychedelic state. <i>NeuroImage</i> , 2020, 209, 116462.	4.2	49
81	Post-decision wagering measures metacognitive content, not sensory consciousness. <i>Consciousness and Cognition</i> , 2008, 17, 981-983.	1.5	48
82	Blind Insight: Metacognitive Discrimination Despite Chance Task Performance. <i>Psychological Science</i> , 2014, 25, 2199-2208.	3.3	47
83	A Deep-Dream Virtual Reality Platform for Studying Altered Perceptual Phenomenology. <i>Scientific Reports</i> , 2017, 7, 15982.	3.3	47
84	A Bayesian Account of the Sensory-Motor Interactions Underlying Symptoms of Tourette Syndrome. <i>Frontiers in Psychiatry</i> , 2019, 10, 29.	2.6	47
85	Introduction. Modelling natural action selection. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 1521-1529.	4.0	46
86	Adults Can Be Trained to Acquire Synesthetic Experiences. <i>Scientific Reports</i> , 2014, 4, 7089.	3.3	46
87	Consciousness: The last 50 years (and the next). <i>Brain and Neuroscience Advances</i> , 2018, 2, 239821281881601.	3.4	45
88	Split-Brain: What We Know Now and Why This is Important for Understanding Consciousness. <i>Neuropsychology Review</i> , 2020, 30, 224-233.	4.9	39
89	Decision-making under risk: A graph-based network analysis using functional MRI. <i>NeuroImage</i> , 2012, 60, 2191-2205.	4.2	38
90	Environment and Behavior Influence the Complexity of Evolved Neural Networks. <i>Adaptive Behavior</i> , 2004, 12, 5-20.	1.9	37

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91	Measuring any conscious content versus measuring the relevant conscious content: Comment on Sandberg et al.. Consciousness and Cognition, 2010, 19, 1079-1080.	1.5	37
92	Theta-burst transcranial magnetic stimulation to the prefrontal or parietal cortex does not impair metacognitive visual awareness. PLoS ONE, 2017, 12, e0171793.	2.5	37
93	A comparative study of electrical potential sensors and Ag/AgCl electrodes for characterising spontaneous and event related electroencephalogram signals. Journal of Neuroscience Methods, 2015, 251, 7-16.	2.5	34
94	Simulating homeostatic, allostatic and goal-directed forms of interoceptive control using active inference. Biological Psychology, 2022, 169, 108266.	2.2	34
95	Modeling Group Foraging: Individual Suboptimality, Interference, and a Kind of Matching. Adaptive Behavior, 2001, 9, 67-89.	1.9	33
96	Presence, objecthood, and the phenomenology of predictive perception. Cognitive Neuroscience, 2015, 6, 111-117.	1.4	33
97	The Uniformity Illusion. Psychological Science, 2017, 28, 56-68.	3.3	33
98	Face perception enhances insula and motor network reactivity in Tourette syndrome. Brain, 2018, 141, 3249-3261.	7.6	32
99	Predictions Shape Confidence in Right Inferior Frontal Gyrus. Journal of Neuroscience, 2016, 36, 10323-10336.	3.6	31
100	Misunderstandings regarding the application of Granger causality in neuroscience. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6676-E6677.	7.1	30
101	The grand challenge of consciousness. Frontiers in Psychology, 2010, 1, 5.	2.1	26
102	On the Relationship Between Active Inference and Control as Inference. Communications in Computer and Information Science, 2020, , 3-11.	0.5	26
103	THE STRENGTH OF WEAK ARTIFICIAL CONSCIOUSNESS. International Journal of Machine Consciousness, 2009, 01, 71-82.	1.0	23
104	Cross-modal prediction changes the timing of conscious access during the motion-induced blindness. Consciousness and Cognition, 2015, 31, 139-147.	1.5	23
105	From Unconscious Inference to the Beholder's Share: Predictive Perception and Human Experience. European Review, 2019, 27, 378-410.	0.7	23
106	Loss of consciousness is related to hyper-correlated gamma-band activity in anesthetized macaques and sleeping humans. NeuroImage, 2018, 167, 130-142.	4.2	22
107	Single-trial discrimination of truthful from deceptive responses during a game of financial risk using alpha-band MEG signals. NeuroImage, 2006, 32, 465-476.	4.2	21
108	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. Cognitive, Affective and Behavioral Neuroscience, 2017, 17, 252-268.	2.0	21

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109	Neurorobotic Models in Neuroscience and Neuroinformatics. Neuroinformatics, 2005, 3, 167-170.	2.8	20
110	An extended case study on the phenomenology of sequence-space synesthesia. Frontiers in Human Neuroscience, 2014, 8, 433.	2.0	19
111	Impairment of perceptual metacognitive accuracy and reduced prefrontal grey matter volume in first-episode psychosis. Cognitive Neuropsychiatry, 2018, 23, 165-179.	1.3	19
112	Predictive processing as an empirical theory of consciousness science. Cognitive Neuroscience, 2021, 12, 89-90.	1.4	19
113	Modes and models in disorders of consciousness science. Archives Italiennes De Biologie, 2012, 150, 172-84.	0.4	19
114	Theories and measures of consciousness develop together. Consciousness and Cognition, 2008, 17, 986-988.	1.5	18
115	Coordinated neural, behavioral, and phenomenological changes in perceptual plasticity through overtraining of synesthetic associations. Neuropsychologia, 2018, 111, 151-162.	1.6	18
116	Automaticity and localisation of concurrents predicts colour area activity in grapheme-colour synaesthesia. Neuropsychologia, 2016, 88, 5-14.	1.6	17
117	Conscious visual memory with minimal attention.. Journal of Experimental Psychology: General, 2017, 146, 214-226.	2.1	17
118	From Generative Models to Generative Passages: A Computational Approach to (Neuro) Phenomenology. Review of Philosophy and Psychology, 2022, 13, 829-857.	1.8	17
119	Greater than the parts: a review of the information decomposition approach to causal emergence. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, .	3.4	17
120	The strength of weak integrated information theory. Trends in Cognitive Sciences, 2022, 26, 646-655.	7.8	17
121	I overthinkâ€”Therefore I am not: An active inference account of altered sense of self and agency in depersonalisation disorder. Consciousness and Cognition, 2022, 101, 103320.	1.5	16
122	Sensorimotor contingency modulates breakthrough of virtual 3D objects during a breaking continuous flash suppression paradigm. Cognition, 2019, 187, 95-107.	2.2	15
123	Active Sensing of Visual and Tactile Stimuli by Brain-based Devices. International Journal of Robotics and Automation, 2004, 19, .	0.1	15
124	Neural Coding: Rate and Time Codes Work Together. Current Biology, 2015, 25, R110-R113.	3.9	14
125	Hypothesis awareness confounds asynchronous control conditions in indirect measures of the rubber hand illusion. Royal Society Open Science, 2021, 8, 210911.	2.4	13
126	Embodied models of delayed neural responses: Spatiotemporal categorization and predictive motor control in brain based devices. Neural Networks, 2008, 21, 553-561.	5.9	12

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127	Axioms, properties and criteria: Roles for synthesis in the science of consciousness. Artificial Intelligence in Medicine, 2008, 44, 91-104.	6.5	12
128	Subjective measures of implicit knowledge that go beyond confidence: Reply to Overgaard et al.. Consciousness and Cognition, 2010, 19, 685-686.	1.5	12
129	Visual Perceptual Echo Reflects Learning of Regularities in Rapid Luminance Sequences. Journal of Neuroscience, 2017, 37, 8486-8497.	3.6	12
130	Individual differences in change blindness are predicted by the strength and stability of visual representations. Neuroscience of Consciousness, 2019, 2019, niy010.	2.6	12
131	Curious Inferences: Reply to Sun and Firestone on the Dark Room Problem. Trends in Cognitive Sciences, 2020, 24, 681-683.	7.8	12
132	Dopamine-Signaled Reward Predictions Generated by Competitive Excitation and Inhibition in a Spiking Neural Network Model. Frontiers in Computational Neuroscience, 2011, 5, 21.	2.1	11
133	Differential neural mechanisms for early and late prediction error detection. Scientific Reports, 2016, 6, 24350.	3.3	11
134	Response to Gu and FitzGerald: Interoceptive inference: from decision-making to organism integrity. Trends in Cognitive Sciences, 2014, 18, 270-271.	7.8	10
135	Phenomenological control as cold control.. Psychology of Consciousness: Theory Research, and Practice, 2022, 9, 101-116.	0.4	10
136	Reply to: No specific relationship between hypnotic suggestibility and the rubber hand illusion. Nature Communications, 2022, 13, 563.	12.8	10
137	Detecting conscious awareness from involuntary autonomic responses. Consciousness and Cognition, 2011, 20, 936-942.	1.5	8
138	Can grapheme-color synesthesia be induced by hypnosis?. Frontiers in Human Neuroscience, 2014, 8, 220.	2.0	8
139	Perceptual Content, Not Physiological Signals, Determines Perceived Duration When Viewing Dynamic, Natural Scenes. Collabra: Psychology, 2019, 5, .	1.8	8
140	A Predictive Processing Model of Episodic Memory and Time Perception. Neural Computation, 2022, 34, 1501-1544.	2.2	8
141	Multi-Neuronal Refractory Period Adapts Centrally Generated Behaviour to Reward. PLoS ONE, 2012, 7, e42493.	2.5	7
142	Response to Ruby et al: On a "failed" attempt to manipulate conscious perception with transcranial magnetic stimulation to prefrontal cortex. Consciousness and Cognition, 2018, 65, 334-341.	1.5	6
143	Individual differences in the tendency to see the expected. Consciousness and Cognition, 2020, 85, 102989.	1.5	6
144	Sensorimotor predictions shape reported conscious visual experience in a breaking continuous flash suppression task. Neuroscience of Consciousness, 2021, 2021, niab003.	2.6	6

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145	The cognitive neuroscience of consciousness. <i>Cognitive Neuroscience</i> , 2010, 1, 153-154.	1.4	5
146	Cortical mechanisms of action selection: the affordance competition hypothesis. , 0, , 208-238.		5
147	Synesthesia improves sensory memory, when perceptual awareness is high. <i>Vision Research</i> , 2018, 153, 1-6.	1.4	5
148	Neurophenomenology of induced and natural synaesthesia. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190030.	4.0	5
149	Action-Oriented Understanding of Consciousness and the Structure of Experience. , 2016, , 261-282.		5
150	From Complexity to Consciousness. <i>Trends in Neurosciences</i> , 2020, 43, 546-547.	8.6	4
151	Let's not forget about sensory consciousness. <i>Behavioral and Brain Sciences</i> , 2004, 27, 601-602.	0.7	3
152	The functional utility of consciousness depends on content as well as on state. <i>Behavioral and Brain Sciences</i> , 2007, 30, 106-106.	0.7	3
153	Darwin's neuroscientist: Gerald M. Edelman, 1929-2014. <i>Frontiers in Psychology</i> , 2014, 5, 896.	2.1	3
154	Editorial: Open science in consciousness research. <i>Neuroscience of Consciousness</i> , 2019, 2019, niz018.	2.6	3
155	Neuroimaging Studies of Interoception and Self-Awareness. , 2013, , 207-224.		3
156	Trial-by-trial predictions of subjective time from human brain activity. <i>PLoS Computational Biology</i> , 2022, 18, e1010223.	3.2	3
157	Neural theories need to account for, not discount, introspection and behavior. <i>Cognitive Neuroscience</i> , 2010, 1, 227-228.	1.4	2
158	Putting Descartes before the horse: Quantum theories of consciousness. <i>Physics of Life Reviews</i> , 2012, 9, 297-298.	2.8	2
159	What behaviourism can (and cannot) tell us about brain imaging. <i>Trends in Cognitive Sciences</i> , 2014, 18, 5-6.	7.8	2
160	Infer yourself: Interoception and internal "action" in conscious selfhood. <i>Behavioral and Brain Sciences</i> , 2016, 39, e196.	0.7	2
161	Fractionation of parietal function in bistable perception probed with concurrent TMS-EEG. <i>Scientific Data</i> , 2016, 3, 160065.	5.3	2
162	A single system account of enhanced recognition memory in synaesthesia. <i>Memory and Cognition</i> , 2020, 48, 188-199.	1.6	2

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163	Closing the Sensory-Motor Loop on Dopamine Signalled Reinforcement Learning. Lecture Notes in Computer Science, 2008, , 280-290.	1.3	2
164	Don't Throw the Baby Iguana Out With the Bathwater. Adaptive Behavior, 2009, 17, 338-342.	1.9	1
165	Do we expect natural selection to produce rational behaviour?. , 2011, , 12-36.		1
166	Optimised agent-based modelling of action selection. , 2011, , 37-60.		1
167	Editorial. Neuroscience of Consciousness, 2015, 2015, niv001.	2.6	1
168	Editorial to the special issue on perspectives on human probabilistic inference and the 'Bayesian brain'. Brain and Cognition, 2017, 112, 1-2.	1.8	1
169	Inferring the temporal structure of directed functional connectivity in neural systems: some extensions to Granger causality. , 2019, , .		1
170	Measuring Autonomy by Multivariate Autoregressive Modelling. , 2007, , 475-484.		1
171	Foreword. Progress in Brain Research, 2009, 177, ix-x.	1.4	0
172	Compromise strategies for action selection. , 2011, , 61-90.		0
173	State-dependent foraging rules for social animals in selfish herds. , 2011, , 523-537.		0
174	Characterizing brain states with Granger causality. BMC Neuroscience, 2013, 14, .	1.9	0
175	Psychophysiology of neural, cognitive and affective integration: How theoretical perspectives align with evidence from brain imaging. Autonomic Neuroscience: Basic and Clinical, 2013, 177, 305-306.	2.8	0
176	Directed Spectral Methods. , 2014, , 1-5.		0
177	Directed Spectral Methods. , 2015, , 1030-1033.		0
178	Artificial Neural Systems for Robots. , 2011, , 214-248.		0
179	Directed Spectral Methods. , 2020, , 1-4.		0
180	Learning action-oriented models through active inference. , 2020, 16, e1007805.		0

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181	Learning action-oriented models through active inference. , 2020, 16, e1007805.		0
182	Learning action-oriented models through active inference. , 2020, 16, e1007805.		0
183	Learning action-oriented models through active inference. , 2020, 16, e1007805.		0
184	Title is missing!. , 2020, 16, e1008289.		0
185	Title is missing!. , 2020, 16, e1008289.		0
186	Title is missing!. , 2020, 16, e1008289.		0
187	Title is missing!. , 2020, 16, e1008289.		0
188	Directed Spectral Methods. , 2022, , 1230-1234.		0