

# Stephen M Fleming

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

6,958  
citations

126907

33  
h-index

95266

68  
g-index

85  
all docs

85  
docs citations

85  
times ranked

4074  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perceptual reality monitoring: Neural mechanisms dissociating imagination from reality. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 135, 104557.	6.1	37
2	Dissociating the Neural Correlates of Subjective Visibility from Those of Decision Confidence. <i>Journal of Neuroscience</i> , 2022, 42, 2562-2569.	3.6	7
3	Imagery adds stimulus-specific sensory evidence to perceptual detection. <i>Journal of Vision</i> , 2022, 22, 11.	0.3	7
4	Metacognition in functional cognitive disorder. <i>Brain Communications</i> , 2022, 4, fcac041.	3.3	15
5	The Cognition/Metacognition Trade-Off. <i>Psychological Science</i> , 2022, 33, 613-628.	3.3	6
6	Reply to: Metacognition, Adaptation, and Mental Health. <i>Biological Psychiatry</i> , 2022, 91, e33-e34.	1.3	2
7	The actor's insight: Actors have comparable interoception but better metacognition than nonactors.. <i>Emotion</i> , 2022, 22, 1544-1553.	1.8	1
8	The mnemonic basis of subjective experience. , 2022, 1, 479-488.		24
9	Consensus Goals in the Field of Visual Metacognition. <i>Perspectives on Psychological Science</i> , 2022, 17, 1746-1765.	9.0	15
10	Low self-esteem and the formation of global self-performance estimates in emerging adulthood. <i>Translational Psychiatry</i> , 2022, 12, .	4.8	7
11	Theories of consciousness are solutions in need of problems. <i>Cognitive Neuroscience</i> , 2021, 12, 86-88.	1.4	3
12	Confirmation bias is adaptive when coupled with efficient metacognition. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200131.	4.0	20
13	The Dunning-Kruger effect revisited. <i>Nature Human Behaviour</i> , 2021, 5, 677-678.	12.0	16
14	Mistaking imagination for reality: Congruent mental imagery leads to more liberal perceptual detection. <i>Cognition</i> , 2021, 212, 104719.	2.2	28
15	Explaining distortions in metacognition with an attractor network model of decision uncertainty. <i>PLoS Computational Biology</i> , 2021, 17, e1009201.	3.2	9
16	How Local and Global Metacognition Shape Mental Health. <i>Biological Psychiatry</i> , 2021, 90, 436-446.	1.3	53
17	A Bayesian inference model for metamemory.. <i>Psychological Review</i> , 2021, 128, 824-855.	3.8	5
18	The Filter Detection Task for measurement of breathing-related interoception and metacognition. <i>Biological Psychology</i> , 2021, 165, 108185.	2.2	23

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19	Metacognitive asymmetries in visual perception. <i>Neuroscience of Consciousness</i> , 2021, 2021, niab005.	2.6	4
20	Confidence in risky value-based choice. <i>Psychonomic Bulletin and Review</i> , 2021, 28, 1021-1028.	2.8	1
21	Stage 2 Registered Report: Metacognitive asymmetries in visual perception. <i>Neuroscience of Consciousness</i> , 2021, 2021, niab025.	2.6	5
22	Formation of global self-beliefs in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27268-27276.	7.1	34
23	Sub-second Dopamine and Serotonin Signaling in Human Striatum during Perceptual Decision-Making. <i>Neuron</i> , 2020, 108, 999-1010.e6.	8.1	59
24	Dogmatism manifests in lowered information search under uncertainty. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31527-31534.	7.1	28
25	Calibrating the experimental measurement of psychological attributes. <i>Nature Human Behaviour</i> , 2020, 4, 1229-1235.	12.0	28
26	Functional cognitive disorder: dementia's blind spot. <i>Brain</i> , 2020, 143, 2895-2903.	7.6	84
27	Awareness as inference in a higher-order state space. <i>Neuroscience of Consciousness</i> , 2020, 2020, niz020.	2.6	47
28	Knowing Ourselves Together: The Cultural Origins of Metacognition. <i>Trends in Cognitive Sciences</i> , 2020, 24, 349-362.	7.8	80
29	Optimal use of reminders: Metacognition, effort, and cognitive offloading.. <i>Journal of Experimental Psychology: General</i> , 2020, 149, 501-517.	2.1	48
30	Is there a G factor for metacognition? Correlations in retrospective metacognitive sensitivity across tasks.. <i>Journal of Experimental Psychology: General</i> , 2020, 149, 1788-1799.	2.1	63
31	Confidence drives a neural confirmation bias. <i>Nature Communications</i> , 2020, 11, 2634.	12.8	91
32	Distinct neural contributions to metacognition for detecting, but not discriminating visual stimuli. <i>ELife</i> , 2020, 9, .	6.0	42
33	Private's public mappings in human prefrontal cortex. <i>ELife</i> , 2020, 9, .	6.0	23
34	Distinguishing absence of awareness from awareness of absence. <i>Philosophy and the Mind Sciences</i> , 2020, 1, .	1.3	6
35	Metacognition in functional cognitive disorder- a potential mechanism and treatment target. <i>Cognitive Neuropsychiatry</i> , 2019, 24, 311-321.	1.3	29
36	What Underlies Political Polarization? A Manifesto for Computational Political Psychology. <i>Trends in Cognitive Sciences</i> , 2019, 23, 820-822.	7.8	33

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37	A role for metamemory in cognitive offloading. <i>Cognition</i> , 2019, 193, 104012.	2.2	40
38	Postdecision Evidence Integration and Depressive Symptoms. <i>Frontiers in Psychiatry</i> , 2019, 10, 639.	2.6	16
39	How experimental procedures influence estimates of metacognitive ability. <i>Neuroscience of Consciousness</i> , 2019, 2019, niz009.	2.6	23
40	Forming global estimates of self-performance from local confidence. <i>Nature Communications</i> , 2019, 10, 1141.	12.8	59
41	Revealing subthreshold motor contributions to perceptual confidence. <i>Neuroscience of Consciousness</i> , 2019, 2019, niz001.	2.6	33
42	Metacognition across sensory modalities: Vision, warmth, and nociceptive pain. <i>Cognition</i> , 2019, 186, 32-41.	2.2	21
43	Advice-taking as a bridge between decision neuroscience and mental capacity. <i>International Journal of Law and Psychiatry</i> , 2019, 67, 101504.	0.9	11
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	Domain-General and Domain-Specific Patterns of Activity Supporting Metacognition in Human Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2018, 38, 3534-3546.	3.6	187
46	Psychiatric Symptom Dimensions Are Associated With Dissociable Shifts in Metacognition but Not Task Performance. <i>Biological Psychiatry</i> , 2018, 84, 443-451.	1.3	185
47	Neural mediators of changes of mind about perceptual decisions. <i>Nature Neuroscience</i> , 2018, 21, 617-624.	14.8	122
48	Thinking about thinking: A coordinate-based meta-analysis of neuroimaging studies of metacognitive judgements. <i>Brain and Neuroscience Advances</i> , 2018, 2, 239821281881059.	3.4	116
49	Human Metacognition Across Domains: Insights from Individual Differences and Neuroimaging. <i>Personality Neuroscience</i> , 2018, 1, .	1.6	104
50	Metacognitive Failure as a Feature of Those Holding Radical Beliefs. <i>Current Biology</i> , 2018, 28, 4014-4021.e8.	3.9	103
51	Distinct encoding of decision confidence in human medial prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6082-6087.	7.1	152
52	Self-evaluation of decision-making: A general Bayesian framework for metacognitive computation.. <i>Psychological Review</i> , 2017, 124, 91-114.	3.8	338
53	HMeta-d: hierarchical Bayesian estimation of metacognitive efficiency from confidence ratings. <i>Neuroscience of Consciousness</i> , 2017, 2017, nix007.	2.6	154
54	Allostatic Self-efficacy: A Metacognitive Theory of Dyshomeostasis-Induced Fatigue and Depression. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 550.	2.0	256

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55	Unexpected but Incidental Positive Outcomes Predict Real-World Gambling. <i>Psychological Science</i> , 2016, 27, 299-311.	3.3	39
56	Metacognitive impairment in active cocaine use disorder is associated with individual differences in brain structure. <i>European Neuropsychopharmacology</i> , 2016, 26, 653-662.	0.7	37
57	Relating Pupil Dilation and Metacognitive Confidence during Auditory Decision-Making. <i>PLoS ONE</i> , 2015, 10, e0126588.	2.5	74
58	Action-Specific Disruption of Perceptual Confidence. <i>Psychological Science</i> , 2015, 26, 89-98.	3.3	126
59	Effects of age on metacognitive efficiency. <i>Consciousness and Cognition</i> , 2014, 28, 151-160.	1.5	99
60	Domain-specific impairment in metacognitive accuracy following anterior prefrontal lesions. <i>Brain</i> , 2014, 137, 2811-2822.	7.6	249
61	Consciousness science: real progress and lingering misconceptions. <i>Trends in Cognitive Sciences</i> , 2014, 18, 556-557.	7.8	29
62	How to measure metacognition. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 443.	2.0	724
63	The Neural Basis of Metacognitive Ability. , 2014, , 245-265.		16
64	Confidence in value-based choice. <i>Nature Neuroscience</i> , 2013, 16, 105-110.	14.8	440
65	The development of metacognitive ability in adolescence. <i>Consciousness and Cognition</i> , 2013, 22, 264-271.	1.5	219
66	The Irrationality of Categorical Perception. <i>Journal of Neuroscience</i> , 2013, 33, 19060-19070.	3.6	33
67	The neural basis of metacognitive ability. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 1338-1349.	4.0	502
68	Prefrontal Contributions to Metacognition in Perceptual Decision Making. <i>Journal of Neuroscience</i> , 2012, 32, 6117-6125.	3.6	310
69	Metacognition: computation, biology and function. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 1280-1286.	4.0	232
70	Relating inter-individual differences in metacognitive performance on different perceptual tasks. <i>Consciousness and Cognition</i> , 2011, 20, 1787-1792.	1.5	128
71	Relating Introspective Accuracy to Individual Differences in Brain Structure. <i>Science</i> , 2010, 329, 1541-1543.	12.6	677
72	Response to: Metacognition in functional cognitive disorder: contradictory or convergent experimental results?. <i>Brain Communications</i> , 0, , .	3.3	0