

Stephen M Fleming

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7292387/publications.pdf>

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	How to measure metacognition. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 443.	2.0	724
2	Relating Introspective Accuracy to Individual Differences in Brain Structure. <i>Science</i> , 2010, 329, 1541-1543.	12.6	677
3	The neural basis of metacognitive ability. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 1338-1349.	4.0	502
4	Confidence in value-based choice. <i>Nature Neuroscience</i> , 2013, 16, 105-110.	14.8	440
5	Self-evaluation of decision-making: A general Bayesian framework for metacognitive computation.. <i>Psychological Review</i> , 2017, 124, 91-114.	3.8	338
6	Prefrontal Contributions to Metacognition in Perceptual Decision Making. <i>Journal of Neuroscience</i> , 2012, 32, 6117-6125.	3.6	310
7	Allostatic Self-efficacy: A Metacognitive Theory of Dyshomeostasis-Induced Fatigue and Depression. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 550.	2.0	256
8	Domain-specific impairment in metacognitive accuracy following anterior prefrontal lesions. <i>Brain</i> , 2014, 137, 2811-2822.	7.6	249
9	Metacognition: computation, biology and function. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 1280-1286.	4.0	232
10	The development of metacognitive ability in adolescence. <i>Consciousness and Cognition</i> , 2013, 22, 264-271.	1.5	219
11	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
12	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
13	HMeta-d: hierarchical Bayesian estimation of metacognitive efficiency from confidence ratings. <i>Neuroscience of Consciousness</i> , 2017, 2017, nix007.	2.6	154
14	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
15	Relating inter-individual differences in metacognitive performance on different perceptual tasks. <i>Consciousness and Cognition</i> , 2011, 20, 1787-1792.	1.5	128
16	Action-Specific Disruption of Perceptual Confidence. <i>Psychological Science</i> , 2015, 26, 89-98.	3.3	126
17	Neural mediators of changes of mind about perceptual decisions. <i>Nature Neuroscience</i> , 2018, 21, 617-624.	14.8	122
18	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

#	ARTICLE	IF	CITATIONS
19	Human Metacognition Across Domains: Insights from Individual Differences and Neuroimaging. <i>Personality Neuroscience</i> , 2018, 1, .	1.6	104
20	Metacognitive Failure as a Feature of Those Holding Radical Beliefs. <i>Current Biology</i> , 2018, 28, 4014-4021.e8.	3.9	103
21	Domain-general enhancements of metacognitive ability through adaptive training.. <i>Journal of Experimental Psychology: General</i> , 2019, 148, 51-64.	2.1	101
22	Effects of age on metacognitive efficiency. <i>Consciousness and Cognition</i> , 2014, 28, 151-160.	1.5	99
23	Confidence drives a neural confirmation bias. <i>Nature Communications</i> , 2020, 11, 2634.	12.8	91
24	Functional cognitive disorder: dementia's blind spot. <i>Brain</i> , 2020, 143, 2895-2903.	7.6	84
25	Knowing Ourselves Together: The Cultural Origins of Metacognition. <i>Trends in Cognitive Sciences</i> , 2020, 24, 349-362.	7.8	80
26	Relating Pupil Dilation and Metacognitive Confidence during Auditory Decision-Making. <i>PLoS ONE</i> , 2015, 10, e0126588.	2.5	74
27	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
28	Forming global estimates of self-performance from local confidence. <i>Nature Communications</i> , 2019, 10, 1141.	12.8	59
29	Sub-second Dopamine and Serotonin Signaling in Human Striatum during Perceptual Decision-Making. <i>Neuron</i> , 2020, 108, 999-1010.e6.	8.1	59
30	How Local and Global Metacognition Shape Mental Health. <i>Biological Psychiatry</i> , 2021, 90, 436-446.	1.3	53
31	Optimal use of reminders: Metacognition, effort, and cognitive offloading.. <i>Journal of Experimental Psychology: General</i> , 2020, 149, 501-517.	2.1	48
32	Awareness as inference in a higher-order state space. <i>Neuroscience of Consciousness</i> , 2020, 2020, niz020.	2.6	47
33	Distinct neural contributions to metacognition for detecting, but not discriminating visual stimuli. <i>ELife</i> , 2020, 9, .	6.0	42
34	A role for metamemory in cognitive offloading. <i>Cognition</i> , 2019, 193, 104012.	2.2	40
35	Unexpected but Incidental Positive Outcomes Predict Real-World Gambling. <i>Psychological Science</i> , 2016, 27, 299-311.	3.3	39
36	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

#	ARTICLE	IF	CITATIONS
37	Perceptual reality monitoring: Neural mechanisms dissociating imagination from reality. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 135, 104557.	6.1	37
38	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
39	The Irrationality of Categorical Perception. <i>Journal of Neuroscience</i> , 2013, 33, 19060-19070.	3.6	33
40	What Underlies Political Polarization? A Manifesto for Computational Political Psychology. <i>Trends in Cognitive Sciences</i> , 2019, 23, 820-822.	7.8	33
41	Revealing subthreshold motor contributions to perceptual confidence. <i>Neuroscience of Consciousness</i> , 2019, 2019, niz001.	2.6	33
42	Consciousness science: real progress and lingering misconceptions. <i>Trends in Cognitive Sciences</i> , 2014, 18, 556-557.	7.8	29
43	Metacognition in functional cognitive disorder- a potential mechanism and treatment target. <i>Cognitive Neuropsychiatry</i> , 2019, 24, 311-321.	1.3	29
44	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
45	Calibrating the experimental measurement of psychological attributes. <i>Nature Human Behaviour</i> , 2020, 4, 1229-1235.	12.0	28
46	Mistaking imagination for reality: Congruent mental imagery leads to more liberal perceptual detection. <i>Cognition</i> , 2021, 212, 104719.	2.2	28
47	The mnemonic basis of subjective experience. , 2022, 1, 479-488.		24
48	How experimental procedures influence estimates of metacognitive ability. <i>Neuroscience of Consciousness</i> , 2019, 2019, niz009.	2.6	23
49	The Filter Detection Task for measurement of breathing-related interoception and metacognition. <i>Biological Psychology</i> , 2021, 165, 108185.	2.2	23
50	Privateâ€“public mappings in human prefrontal cortex. <i>ELife</i> , 2020, 9, .	6.0	23
51	Metacognition across sensory modalities: Vision, warmth, and nociceptive pain. <i>Cognition</i> , 2019, 186, 32-41.	2.2	21
52	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
53	Postdecision Evidence Integration and Depressive Symptoms. <i>Frontiers in Psychiatry</i> , 2019, 10, 639.	2.6	16
54	The Dunning-Kruger effect revisited. <i>Nature Human Behaviour</i> , 2021, 5, 677-678.	12.0	16

#	ARTICLE	IF	CITATIONS
55	The Neural Basis of Metacognitive Ability. , 2014, , 245-265.		16
56	Metacognition in functional cognitive disorder. Brain Communications, 2022, 4, fcac041.	3.3	15
57	Consensus Goals in the Field of Visual Metacognition. Perspectives on Psychological Science, 2022, 17, 1746-1765.	9.0	15
58	Advice-taking as a bridge between decision neuroscience and mental capacity. International Journal of Law and Psychiatry, 2019, 67, 101504.	0.9	11
59	Explaining distortions in metacognition with an attractor network model of decision uncertainty. PLoS Computational Biology, 2021, 17, e1009201.	3.2	9
60	Dissociating the Neural Correlates of Subjective Visibility from Those of Decision Confidence. Journal of Neuroscience, 2022, 42, 2562-2569.	3.6	7
61	Imagery adds stimulus-specific sensory evidence to perceptual detection. Journal of Vision, 2022, 22, 11.	0.3	7
62	Low self-esteem and the formation of global self-performance estimates in emerging adulthood. Translational Psychiatry, 2022, 12, .	4.8	7
63	Distinguishing absence of awareness from awareness of absence. Philosophy and the Mind Sciences, 2020, 1, .	1.3	6
64	The Cognition/Metacognition Trade-Off. Psychological Science, 2022, 33, 613-628.	3.3	6
65	A Bayesian inference model for metamemory.. Psychological Review, 2021, 128, 824-855.	3.8	5
66	Stage 2 Registered Report: Metacognitive asymmetries in visual perception. Neuroscience of Consciousness, 2021, 2021, niab025.	2.6	5
67	Metacognitive asymmetries in visual perception. Neuroscience of Consciousness, 2021, 2021, niab005.	2.6	4
68	Theories of consciousness are solutions in need of problems. Cognitive Neuroscience, 2021, 12, 86-88.	1.4	3
69	Reply to: Metacognition, Adaptation, and Mental Health. Biological Psychiatry, 2022, 91, e33-e34.	1.3	2
70	Confidence in risky value-based choice. Psychonomic Bulletin and Review, 2021, 28, 1021-1028.	2.8	1
71	The actor's insight: Actors have comparable interoception but better metacognition than nonactors.. Emotion, 2022, 22, 1544-1553.	1.8	1
72	Response to: Metacognition in functional cognitive disorder: contradictory or convergent experimental results?. Brain Communications, 0, , .	3.3	0