Tom Stafford

List of Publications by Year
in descending order

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64 papers	1,684 citations	361045 20 h-index	329751 37 g-index
79 all docs	79 docs citations	79 times ranked	2406 citing authors

#	Article	IF	Citations
1	Many Analysts, One Data Set: Making Transparent How Variations in Analytic Choices Affect Results. Advances in Methods and Practices in Psychological Science, 2018, 1, 337-356.	5.4	406
2	Tracing the Trajectory of Skill Learning With a Very Large Sample of Online Game Players. Psychological Science, 2014, 25, 511-518.	1.8	84
3	â€œTrust me, I'm a Scientist (Not a Developer)â€• Perceived Expertise and Motives as Predictors of Trust in Assessment of Risk from Contaminated Land. Risk Analysis, 2009, 29, 288-297.	1.5	81
4	The relationship between ADHD traits and sensory sensitivity in the general population. Comprehensive Psychiatry, 2018, 80, 179-185.	1.5	70
5	Evidence for the speedâ€“value trade-off: Human and monkey decision making is magnitude sensitive.. Decision, 2018, 5, 129-142.	0.4	62
6	Connectionist Simulation of Attitude Learning: Asymmetries in the Acquisition of Positive and Negative Evaluations. Personality and Social Psychology Bulletin, 2003, 29, 1221-1235.	1.9	54
7	When natural selection should optimize speed-accuracy trade-offs. Frontiers in Neuroscience, 2014, 8, 73.	1.4	54
8	Intrinsic motivations and open-ended development in animals, humans, and robots: an overview. Frontiers in Psychology, 2014, 5, 985.	1.1	51
9	Co-Occurrence of ASD and ADHD Traits in an Adult Population. Journal of Attention Disorders, 2019, 23, 1407-1415.	1.5	46
10	Understanding perceptual judgment in autism spectrum disorder using the drift diffusion model.. Neuropsychology, 2017, 31, 173-180.	1.0	41
11	Creating a movement heuristic for voluntary action: Electrophysiological correlates of movement-outcome learning. Cortex, 2013, 49, 771-780.	1.1	40
12	Multisensory integration and ADHD-like traits: Evidence for an abnormal temporal integration window in ADHD. Acta Psychologica, 2017, 181, 10-17.	0.7	39
13	Memory Enhances the Mere Exposure Effect. Psychology and Marketing, 2012, 29, 995-1003.	4.6	37
14	Recovery from addiction: Behavioral economics and value-based decision making.. Psychology of Addictive Behaviors, 2020, 34, 182-193.	1.4	37
15	The role of response mechanisms in determining reaction time performance: PiÃ©ronâ€™s law revisited. Psychonomic Bulletin and Review, 2004, 11, 975-987.	1.4	34
16	Quantifying the benefits of using decision models with response time and accuracy data. Behavior Research Methods, 2020, 52, 2142-2155.	2.3	34
17	Risk perception and trust in the context of urban brownfields. Environmental Hazards, 2007, 7, 150-156.	1.4	33
18	Responsibility for implicit bias. Philosophy Compass, 2017, 12, e12410.	0.7	27

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19	Biologically constrained action selection improves cognitive control in a model of the Stroop task. Philosophical Transactions of the Royal Society B: Biological Sciences, 2007, 362, 1671-1684.	1.8	26
20	A Novel Task for the Investigation of Action Acquisition. PLoS ONE, 2012, 7, e37749.	1.1	26
21	Female Chess Players Outperform Expectations When Playing Men. Psychological Science, 2018, 29, 429-436.	1.8	23
22	Frontal theta band oscillations predict error correction and posterror slowing in typing.. Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 69-88.	0.7	23
23	What is implicit bias?. Philosophy Compass, 2017, 12, e12437.	0.7	22
24	Testing Sleep Consolidation in Skill Learning: A Field Study Using an Online Game. Topics in Cognitive Science, 2017, 9, 485-496.	1.1	16
25	Centralizing Bias and the Vibrotactile Funneling Illusion on the Forehead. Lecture Notes in Computer Science, 2014, , 55-62.	1.0	15
26	Additive Factors Do Not Imply Discrete Processing Stages: A Worked Example Using Models of the Stroop Task. Frontiers in Psychology, 2011, 2, 287.	1.1	14
27	The relationship between sensory processing sensitivity and attention deficit hyperactivity disorder traits: A spectrum approach. Psychiatry Research, 2020, 293, 113477.	1.7	14
28	Sensory Augmentation with Distal Touch: The Tactile Helmet Project. Lecture Notes in Computer Science, 2013, , 24-35.	1.0	14
29	Cognitive control across adolescence: Dynamic adjustments and mind-wandering.. Journal of Experimental Psychology: General, 2020, 149, 1017-1031.	1.5	14
30	Increased microsaccade rate in individuals with ADHD traits. Journal of Eye Movement Research, 2017, 10, .	0.5	14
31	Magnitude-sensitivity: rethinking decision-making. Trends in Cognitive Sciences, 2022, 26, 66-80.	4.0	14
32	A diffusion model decomposition of orientation discrimination in children with Autism Spectrum Disorder (ASD). European Journal of Developmental Psychology, 2020, 17, 213-230.	1.0	13
33	PiÃ©ron's Law Holds During Stroop Conflict: Insights Into the Architecture of Decision Making. Cognitive Science, 2011, 35, 1553-1566.	0.8	12
34	The Role of the Basal Ganglia in Discovering Novel Actions. , 2013, , 129-150.		12
35	Expectancy confirmation in attitude learning: A connectionist account. European Journal of Social Psychology, 2008, 38, 1023-1032.	1.5	11
36	The perspectival shift: how experiments on unconscious processing don't justify the claims made for them. Frontiers in Psychology, 2014, 5, 1067.	1.1	11

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37	Attention-Deficit Hyperactivity Disorder-Like Traits and Distractibility in the Visual Periphery. Perception, 2017, 46, 665-678.	0.5	11
38	Reed Elsevier and the international arms trade. Lancet, The, 2005, 366, 889.	6.3	10
39	The path to learning: Action acquisition is impaired when visual reinforcement signals must first access cortex. Behavioural Brain Research, 2013, 243, 267-272.	1.2	10
40	Performance Breakdown Effects Dissociate from Error Detection Effects in Typing. Quarterly Journal of Experimental Psychology, 2014, 67, 508-524.	0.6	9
41	Brain network: social media and the cognitive scientist. Trends in Cognitive Sciences, 2012, 16, 489-490.	4.0	8
42	Maximum saliency bias in binocular fusion. Connection Science, 2016, 28, 258-269.	1.8	8
43	Improving training for sensory augmentation using the science of expertise. Neuroscience and Biobehavioral Reviews, 2016, 68, 234-244.	2.9	8
44	Self-organisation can generate the discontinuities in the somatosensory map. Neurocomputing, 2007, 70, 1932-1937.	3.5	7
45	The Discovery of Novel Actions Is Affected by Very Brief Reinforcement Delays and Reinforcement Modality. Journal of Motor Behavior, 2013, 45, 351-360.	0.5	7
46	Reduced habit-driven errors in Parkinsonâ€™s Disease. Scientific Reports, 2019, 9, 3423.	1.6	7
47	Studentsâ€™ engagement with a collaborative wiki tool predicts enhanced written exam performance. Research in Learning Technology, 2014, 22, .	2.3	6
48	To Blame? The Effects of Moralized Feedback on Implicit Racial Bias. Collabra: Psychology, 2020, 6, .	0.9	6
49	Identifying robust markers of Parkinsonâ€™s disease in typing behaviour using a CNN-LSTM network. , 2020, , .		6
50	Maximizing the Potential of Digital Games for Understanding Skill Acquisition. Current Directions in Psychological Science, 2022, 31, 49-55.	2.8	6
51	Prejudiced learning: A connectionist account. British Journal of Psychology, 2009, 100, 399-413.	1.2	5
52	Insights into the Function and Mechanism of Saccadic Decision Making From Targets Scaled By an Estimate of the Cortical Magnification Factor. Cognitive Computation, 2011, 3, 89-93.	3.6	4
53	Slowed Luminance Reaction Times in Cervical Dystonia: Disordered Superior Colliculus Processing. Movement Disorders, 2020, 35, 877-880.	2.2	4
54	Recovery from addiction: A synthesis of perspectives from behavioral economics, psychology, and decision modeling. , 2021, , 563-579.		3

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55	A Novel Behavioural Task for Researching Intrinsic Motivations. , 2013, , 395-410.		3
56	Evidence for the rationalisation phenomenon is exaggerated. Behavioral and Brain Sciences, 2020, 43, e48.	0.4	3
57	No learning where to go without first knowing where you're coming from: action discovery is trajectory, not endpoint based. Frontiers in Psychology, 2013, 4, 638.	1.1	2
58	Action Experience and Action Discovery in Medicated Individuals with Parkinsonâ€™s Disease. Frontiers in Human Neuroscience, 2016, 10, 427.	1.0	2
59	A drift diffusion model account of the semantic congruity effect in a classification paradigm. Journal of Numerical Cognition, 2017, 3, 77-96.	0.6	2
60	The choice engine. New Scientist, 2019, 242, 34-35.	0.0	1
61	Can microsaccade rate predict drug response?. Journal of Eye Movement Research, 2020, 12, .	0.5	1
62	Methodological issues with value-based decision-making (VBDM) tasks: The effect of trial wording on evidence accumulation outputs from the EZ drift-diffusion model. Cogent Psychology, 2022, 9, .	0.6	1
63	Biologically constrained action selection improves cognitive control in a model of the Stroop task. , 0, , 363-389.		0
64	Internet-based measurement of visual assessment skill of trainee radiologists: developing a sensitive tool. British Journal of Radiology, 2019, 92, 20180958.	1.0	0