

# Tal Yarkoni

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

14,408  
citations

71102

41  
h-index

149698

56  
g-index

72  
all docs

72  
docs citations

72  
times ranked

17126  
citing authors

#	ARTICLE	IF	CITATIONS
1	The generalizability crisis. Behavioral and Brain Sciences, 2022, 45, 1-37.	0.7	246
2	Replies to commentaries on the generalizability crisis. Behavioral and Brain Sciences, 2022, 45, .	0.7	15
3	NiMARE: Neuroimaging Meta-Analysis Research Environment. , 2022, 1, 7.		24
4	Putting the Self in Self-Correction: Findings From the Loss-of-Confidence Project. Perspectives on Psychological Science, 2021, 16, 1255-1269.	9.0	36
5	Integrating explanation and prediction in computational social science. Nature, 2021, 595, 181-188.	27.8	136
6	Same data, different conclusions: Radical dispersion in empirical results when independent analysts operationalize and test the same hypothesis. Organizational Behavior and Human Decision Processes, 2021, 165, 228-249.	2.5	51
7	Putting Psychology to the Test: Rethinking Model Evaluation Through Benchmarking and Prediction. Advances in Methods and Practices in Psychological Science, 2021, 4, 251524592110268.	9.4	20
8	Analysis of task-based functional MRI data preprocessed with fMRIPrep. Nature Protocols, 2020, 15, 2186-2202.	12.0	78
9	Implicit Realism Impedes Progress in Psychology: Comment on Fried (2020). Psychological Inquiry, 2020, 31, 326-333.	0.9	13
10	NeuroQuery, comprehensive meta-analysis of human brain mapping. Elife, 2020, 9, .	6.0	105
11	The Importance of Standards for Sharing of Computational Models and Data. Computational Brain & Behavior, 2019, 2, 229-232.	1.7	9
12	PyBIDS: Python tools for BIDS datasets. Journal of Open Source Software, 2019, 4, 1294.	4.6	32
13	Ten simple rules for neuroimaging meta-analysis. Neuroscience and Biobehavioral Reviews, 2018, 84, 151-161.	6.1	564
14	Justify your alpha. Nature Human Behaviour, 2018, 2, 168-171.	12.0	310
15	Large-scale Meta-analysis Suggests Low Regional Modularity in Lateral Frontal Cortex. Cerebral Cortex, 2018, 28, 3414-3428.	2.9	28
16	Progress toward openness, transparency, and reproducibility in cognitive neuroscience. Annals of the New York Academy of Sciences, 2017, 1396, 5-18.	3.8	76
17	Scanning the horizon: towards transparent and reproducible neuroimaging research. Nature Reviews Neuroscience, 2017, 18, 115-126.	10.2	1,041
18	Choosing Prediction Over Explanation in Psychology: Lessons From Machine Learning. Perspectives on Psychological Science, 2017, 12, 1100-1122.	9.0	1,063

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19	The relation between statistical power and inference in fMRI. PLoS ONE, 2017, 12, e0184923.	2.5	263
20	BIDS apps: Improving ease of use, accessibility, and reproducibility of neuroimaging data analysis methods. PLoS Computational Biology, 2017, 13, e1005209.	3.2	218
21	Decoding brain activity using a large-scale probabilistic functional-anatomical atlas of human cognition. PLoS Computational Biology, 2017, 13, e1005649.	3.2	124
22	How open science helps researchers succeed. ELife, 2016, 5, .	6.0	449
23	Statistically Controlling for Confounding Constructs Is Harder than You Think. PLoS ONE, 2016, 11, e0152719.	2.5	311
24	Pain in the ACC?. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2474-5.	7.1	136
25	Effects of compassion meditation on a psychological model of charitable donation.. Emotion, 2016, 16, 691-705.	1.8	58
26	Large-Scale Meta-Analysis of Human Medial Frontal Cortex Reveals Tripartite Functional Organization. Journal of Neuroscience, 2016, 36, 6553-6562.	3.6	268
27	Regional specialization within the human striatum for diverse psychological functions. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1907-1912.	7.1	188
28	From Brain Maps to Cognitive Ontologies: Informatics and the Search for Mental Structure. Annual Review of Psychology, 2016, 67, 587-612.	17.7	258
29	NeuroVault.org: A repository for sharing unthresholded statistical maps, parcellations, and atlases of the human brain. NeuroImage, 2016, 124, 1242-1244.	4.2	70
30	Fixing the stimulus-as-fixed-effect fallacy in task fMRI. Wellcome Open Research, 2016, 1, 23.	1.8	61
31	NeuroVault.org: a web-based repository for collecting and sharing unthresholded statistical maps of the human brain. Frontiers in Neuroinformatics, 2015, 9, 8.	2.5	482
32	Using a genetic algorithm to abbreviate the Psychopathic Personality Inventoryâ€“Revised (PPI-R).. Psychological Assessment, 2015, 27, 194-202.	1.5	56
33	LinkRbrain: Multi-scale data integrator of the brain. Journal of Neuroscience Methods, 2015, 241, 44-52.	2.5	11
34	Neurobiological substrates of personality: A critical overview.. , 2015, , 61-83.		29
35	Interactions between donor Agreeableness and recipient characteristics in predicting charitable donation and positive social evaluation. PeerJ, 2015, 3, e1089.	2.0	13
36	Contributions of episodic retrieval and mentalizing to autobiographical thought: Evidence from functional neuroimaging, resting-state connectivity, and fMRI meta-analyses. NeuroImage, 2014, 91, 324-335.	4.2	279

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37	Decoding the Role of the Insula in Human Cognition: Functional Parcellation and Large-Scale Reverse Inference. <i>Cerebral Cortex</i> , 2013, 23, 739-749.	2.9	743
38	Interpersonal constraint conferred by generalized social anxiety disorder is evident on a behavioral economics task.. <i>Journal of Abnormal Psychology</i> , 2013, 122, 39-44.	1.9	31
39	Discovering Relations Between Mind, Brain, and Mental Disorders Using Topic Mapping. <i>PLoS Computational Biology</i> , 2012, 8, e1002707.	3.2	153
40	Psychoinformatics. <i>Current Directions in Psychological Science</i> , 2012, 21, 391-397.	5.3	100
41	Beginning at Nosek and Bar-Anan's End: Let's Put Open Evaluation First. <i>Psychological Inquiry</i> , 2012, 23, 305-307.	0.9	1
42	Global Connectivity of Prefrontal Cortex Predicts Cognitive Control and Intelligence. <i>Journal of Neuroscience</i> , 2012, 32, 8988-8999.	3.6	540
43	Establishing homology between monkey and human brains. <i>Nature Methods</i> , 2012, 9, 237-239.	19.0	4
44	Designing next-generation platforms for evaluating scientific output: what scientists can learn from the social web. <i>Frontiers in Computational Neuroscience</i> , 2012, 6, 72.	2.1	13
45	Large-scale automated synthesis of human functional neuroimaging data. <i>Nature Methods</i> , 2011, 8, 665-670.	19.0	2,993
46	Measuring social anxiety related interpersonal constraint with the flexible iterated prisoner's dilemma. <i>Journal of Anxiety Disorders</i> , 2011, 25, 427-436.	3.2	17
47	The abbreviation of personality, or how to measure 200 personality scales with 200 items. <i>Journal of Research in Personality</i> , 2010, 44, 180-198.	1.7	101
48	Personality in 100,000 Words: A large-scale analysis of personality and word use among bloggers. <i>Journal of Research in Personality</i> , 2010, 44, 363-373.	1.7	433
49	Vive les differences! Individual variation in neural mechanisms of executive control. <i>Current Opinion in Neurobiology</i> , 2010, 20, 242-250.	4.2	113
50	Cognitive neuroscience 2.0: building a cumulative science of human brain function. <i>Trends in Cognitive Sciences</i> , 2010, 14, 489-496.	7.8	173
51	Big Correlations in Little Studies: Inflated fMRI Correlations Reflect Low Statistical Power—Commentary on Vul et al. (2009). <i>Perspectives on Psychological Science</i> , 2009, 4, 294-298.	9.0	521
52	BOLD Correlates of Trial-by-Trial Reaction Time Variability in Gray and White Matter: A Multi-Study fMRI Analysis. <i>PLoS ONE</i> , 2009, 4, e4257.	2.5	282
53	Moving beyond Coltheart's N: A new measure of orthographic similarity. <i>Psychonomic Bulletin and Review</i> , 2008, 15, 971-979.	2.8	477
54	Neural substrates of narrative comprehension and memory. <i>NeuroImage</i> , 2008, 41, 1408-1425.	4.2	160

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55	Pictures of a thousand words: Investigating the neural mechanisms of reading with extremely rapid event-related fMRI. <i>NeuroImage</i> , 2008, 42, 973-987.	4.2	78
56	Individual Differences in Amygdala Activity Predict Response Speed during Working Memory. <i>Journal of Neuroscience</i> , 2006, 26, 10120-10128.	3.6	91
57	PREFRONTAL BRAIN ACTIVITY PREDICTS TEMPORALLY EXTENDED DECISION-MAKING BEHAVIOR. <i>Journal of the Experimental Analysis of Behavior</i> , 2005, 84, 537-554.	1.1	29
58	Sustained neural activity associated with cognitive control during temporally extended decision making. <i>Cognitive Brain Research</i> , 2005, 23, 71-84.	3.0	50
59	Fixing the stimulus-as-fixed-effect fallacy in task fMRI. <i>Wellcome Open Research</i> , 0, 1, 23.	1.8	28