

Fengqing Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,119
citations

516215

16
h-index

500791

28
g-index

60
all docs

60
docs citations

60
times ranked

1670
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Investigating systematic bias in brain age estimation with application to post-traumatic stress disorders. <i>Human Brain Mapping</i> , 2019, 40, 3143-3152. | 1.9 | 148 |
| 2 | Improved prediction of brain age using multimodal neuroimaging data. <i>Human Brain Mapping</i> , 2020, 41, 1626-1643. | 1.9 | 89 |
| 3 | Return of the JITAI: Applying a Just-in-Time Adaptive Intervention Framework to the Development of m-Health Solutions for Addictive Behaviors. <i>International Journal of Behavioral Medicine</i> , 2017, 24, 673-682. | 0.8 | 69 |
| 4 | OnTrack: development and feasibility of a smartphone app designed to predict and prevent dietary lapses. <i>Translational Behavioral Medicine</i> , 2019, 9, 236-245. | 1.2 | 50 |
| 5 | Pitfalls in brain age analyses. <i>Human Brain Mapping</i> , 2021, 42, 4092-4101. | 1.9 | 50 |
| 6 | Does impulsivity predict outcome in treatment for binge eating disorder? A multimodal investigation. <i>Appetite</i> , 2016, 105, 172-179. | 1.8 | 47 |
| 7 | Randomized controlled trial of OnTrack, a just-in-time adaptive intervention designed to enhance weight loss. <i>Translational Behavioral Medicine</i> , 2019, 9, 989-1001. | 1.2 | 46 |
| 8 | Efficacy of environmental and acceptance-based enhancements to behavioral weight loss treatment: The ENACT trial. <i>Obesity</i> , 2017, 25, 866-872. | 1.5 | 45 |
| 9 | The independent and interacting effects of hedonic hunger and executive function on binge eating. <i>Appetite</i> , 2015, 89, 16-21. | 1.8 | 44 |
| 10 | An insight-related neural reward signal. <i>NeuroImage</i> , 2020, 214, 116757. | 2.1 | 40 |
| 11 | Application of Machine Learning to Predict Dietary Lapses During Weight Loss. <i>Journal of Diabetes Science and Technology</i> , 2018, 12, 1045-1052. | 1.3 | 37 |
| 12 | Application of a new dietary pattern analysis method in nutritional epidemiology. <i>BMC Medical Research Methodology</i> , 2018, 18, 119. | 1.4 | 30 |
| 13 | Resting-state brain oscillations predict trait-like cognitive styles. <i>Neuropsychologia</i> , 2018, 120, 1-8. | 0.7 | 24 |
| 14 | Autism spectrum disorder (ASD) symptom profiles of children with comorbid Down syndrome (DS) and ASD: A comparison with children with DS-only and ASD-only. <i>Research in Developmental Disabilities</i> , 2019, 89, 83-93. | 1.2 | 24 |
| 15 | Not so fast: The impact of impulsivity on weight loss varies by treatment type. <i>Appetite</i> , 2017, 113, 193-199. | 1.8 | 23 |
| 16 | A data-driven approach to post-stroke aphasia classification and lesion-based prediction. <i>Brain</i> , 2021, 144, 1372-1383. | 3.7 | 23 |
| 17 | Momentary changes in heart rate variability can detect risk for emotional eating episodes. <i>Appetite</i> , 2020, 152, 104698. | 1.8 | 18 |
| 18 | Executive Functioning as a Predictor of Weight Loss and Physical Activity Outcomes. <i>Annals of Behavioral Medicine</i> , 2019, 53, 909-917. | 1.7 | 17 |

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|----|---|-----|-----------|
| 19 | Vocal Music Therapy for Chronic Pain: A Mixed Methods Feasibility Study. <i>Journal of Alternative and Complementary Medicine</i> , 2020, 26, 113-122. | 2.1 | 17 |
| 20 | Cognitive Profiles and Autism Symptoms in Comorbid Down Syndrome and Autism Spectrum Disorder. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2020, 41, 172-179. | 0.6 | 17 |
| 21 | Daily self-weighing and weight gain prevention: a longitudinal study of college-aged women. <i>Journal of Behavioral Medicine</i> , 2017, 40, 846-853. | 1.1 | 15 |
| 22 | Decoding Multiple Sound Categories in the Human Temporal Cortex Using High Resolution fMRI. <i>PLoS ONE</i> , 2015, 10, e0117303. | 1.1 | 15 |
| 23 | Evaluation of meal replacements and a home food environment intervention for long-term weight loss: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 12-19. | 2.2 | 14 |
| 24 | Weight variability during self-monitored weight loss predicts future weight loss outcome. <i>International Journal of Obesity</i> , 2020, 44, 1360-1367. | 1.6 | 14 |
| 25 | Promotion of physical activity during weight loss maintenance: A randomized controlled trial.. <i>Health Psychology</i> , 2021, 40, 178-187. | 1.3 | 14 |
| 26 | The project REBOOT protocol: Evaluating a personalized inhibitory control training as an adjunct to cognitive behavioral therapy for bulimia nervosa and binge eating disorder. <i>International Journal of Eating Disorders</i> , 2020, 53, 1007-1013. | 2.1 | 13 |
| 27 | Counselor Surveillance of Digital Self-Monitoring Data: A Pilot Randomized Controlled Trial. <i>Obesity</i> , 2020, 28, 2339-2346. | 1.5 | 12 |
| 28 | A P-value model for theoretical power analysis and its applications in multiple testing procedures. <i>BMC Medical Research Methodology</i> , 2016, 16, 135. | 1.4 | 10 |
| 29 | Acute Stress Shapes Creative Cognition in Trait Anxiety. <i>Frontiers in Psychology</i> , 2019, 10, 1517. | 1.1 | 10 |
| 30 | Comprehensive Cognitive-Behavioral Interventions Augment Diaphragmatic Breathing for Rumination Syndrome: A Proof-of-Concept Trial. <i>Digestive Diseases and Sciences</i> , 2020, 66, 3461-3469. | 1.1 | 10 |
| 31 | Optimizing a Just-in-Time Adaptive Intervention to Improve Dietary Adherence in Behavioral Obesity Treatment: Protocol for a Microrandomized Trial. <i>JMIR Research Protocols</i> , 2021, 10, e33568. | 0.5 | 10 |
| 32 | Joint modeling of the association between NIH funding and its three primary outcomes: patents, publications, and citation impact. <i>Scientometrics</i> , 2018, 117, 591-602. | 1.6 | 9 |
| 33 | Rumination Derails Reinforcement Learning With Possible Implications for Ineffective Behavior. <i>Clinical Psychological Science</i> , 2022, 10, 714-733. | 2.4 | 9 |
| 34 | Multidimensional brain-age prediction reveals altered brain developmental trajectory in psychiatric disorders. <i>Cerebral Cortex</i> , 2022, 32, 5036-5049. | 1.6 | 9 |
| 35 | Laboratory Biomarkers, Cerebral Blood Flow Velocity, and Intellectual Function in Children with Sickle Cell Disease. <i>Advances in Hematology</i> , 2020, 2020, 1-9. | 0.6 | 8 |
| 36 | A new, developmentally-sensitive measure of weight suppression. <i>Appetite</i> , 2021, 163, 105231. | 1.8 | 8 |

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|----|--|-----|-----------|
| 37 | Comparing ecological momentary assessment to sensor-based approaches in predicting dietary lapse. <i>Translational Behavioral Medicine</i> , 2021, 11, 2099-2109. | 1.2 | 8 |
| 38 | Resting-State Functional Connectivity Abnormalities in Adolescent Depression. <i>EBioMedicine</i> , 2017, 17, 20-21. | 2.7 | 7 |
| 39 | Development and validation of a progress monitoring tool tailored for use in intensive eating disorder treatment. <i>European Eating Disorders Review</i> , 2020, 28, 223-236. | 2.3 | 7 |
| 40 | The project <scp>COMPASS</scp> protocol: Optimizing mindfulness and acceptance-based behavioral treatment for binge-eating spectrum disorders. <i>International Journal of Eating Disorders</i> , 2021, 54, 451-458. | 2.1 | 7 |
| 41 | Pre-stimulus brain oscillations predict insight versus analytic problem-solving in an anagram task. <i>Neuropsychologia</i> , 2021, 162, 108044. | 0.7 | 5 |
| 42 | Variegation of autism related traits across seven neurogenetic disorders. <i>Translational Psychiatry</i> , 2022, 12, 149. | 2.4 | 5 |
| 43 | A Bayesian probit model with spatially varying coefficients for brain decoding using fMRI data. <i>Statistics in Medicine</i> , 2016, 35, 4380-4397. | 0.8 | 4 |
| 44 | Control of false positive rates in clusterwise fMRI inferences. <i>Journal of Applied Statistics</i> , 2019, 46, 1956-1972. | 0.6 | 4 |
| 45 | Preventing school-based arrest and recidivism through prearrest diversion: Outcomes of the Philadelphia police school diversion program.. <i>Law and Human Behavior</i> , 2021, 45, 165-178. | 0.6 | 4 |
| 46 | Identifying behavioral types of dietary lapse from a mobile weight loss program: Preliminary investigation from a secondary data analysis. <i>Appetite</i> , 2021, 166, 105440. | 1.8 | 4 |
| 47 | Refined critical boundary with enhanced statistical power for non-directional two-sided tests in group sequential designs with multiple endpoints. <i>Statistical Papers</i> , 2021, 62, 1265-1290. | 0.7 | 3 |
| 48 | Grant Report on PREDICT-ADFTD: Multimodal Imaging Prediction of AD/FTD and Differential Diagnosis. <i>Journal of Psychiatry and Brain Science</i> , 2019, 4, . | 0.3 | 3 |
| 49 | Experience Simpson's Paradox in the Classroom. <i>American Statistician</i> , 2017, 71, 61-66. | 0.9 | 2 |
| 50 | Can a Short Screening Tool Discriminate Between Overeating and Binge Eating in Treatment-Seeking Individuals with Obesity?. <i>Obesity</i> , 2021, 29, 706-712. | 1.5 | 2 |
| 51 | An integrative classification model for multiple sclerosis lesion detection in multimodal MRI. <i>Statistics and Its Interface</i> , 2019, 12, 193-202. | 0.2 | 2 |
| 52 | Keeping kids in school through prearrest diversion: School disciplinary outcomes of the Philadelphia Police School Diversion Program.. <i>Law and Human Behavior</i> , 2021, 45, 497-511. | 0.6 | 2 |
| 53 | Traditional versus developmental measures of weight suppression: Exploring their relationships with bulimic psychopathology. <i>European Eating Disorders Review</i> , 2022, , . | 2.3 | 2 |
| 54 | Participant and interventionist perceptions of challenges during behavioral weight loss treatment. <i>Journal of Behavioral Medicine</i> , 2019, 42, 353-364. | 1.1 | 1 |

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|----|--|-----|-----------|
| 55 | Validation of the food craving Acceptance and action questionnaire (FAQ) in a weight loss-seeking sample. <i>Appetite</i> , 2021, 168, 105680. | 1.8 | 1 |
| 56 | A Unified Framework for Estimation in Lognormal Models. <i>Journal of Business and Economic Statistics</i> , 0, , 1-13. | 1.8 | 0 |