



Feng Vankee Lin

Associate Professor of Psychiatry and Behavioral Sciences (Public Mental Health & Population Sciences)

Bio

BIO

My career has been devoted to understanding the neural mechanisms involved in brain aging and brain plasticity, with a special focus on early detection and prevention of Alzheimer's disease (AD). My research approach integrates principles and findings from cognitive theory, clinical neuroscience, and computational neuroscience. This approach is complemented by my extensive research experience involving multi-modality neuroimaging (PET, sMRI, dMRI, and fMRI), psychophysiology, neuropsychology, and quantitative research methods. I currently lead an interdisciplinary clinical neuroscience lab, covering a wide spectrum of research from Phases 0-2 in three areas: (a) brain aging, focusing on the links between brain pathophysiology and clinical symptoms, in a wide range of populations, from older adults with superior cognitive capacity to preclinical and prodromal AD, with an overarching aim to gain insights into the broad mechanisms of aging, both in typical and atypical populations and to identify early biomarkers for AD; (b) novel non-pharmacological interventions that promote successful cognitive aging as well as alleviate or eliminate adverse effects of AD pathophysiology; and (c) advanced computational models (e.g., explainable AI) for understanding and intervening on brain aging.

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Psychiatry and Behavioral Sciences
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance
- Member, Wu Tsai Neurosciences Institute

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Nonpharmacological Interventions Committee, Alzheimer's Clinical Trials Consortium, NIH (2018 - present)
- Invited lecturer, NIH CSR (2022 - present)
- Standing member, SPIP study panel, NIH (2020 - present)

PROFESSIONAL EDUCATION

- BA, Jilin University, China (2005)
- Medical education, Jilin University, China (2006)
- PhD, University of Wisconsin-Madison (2011)
- Postdoc, University of Rochester (2013)

LINKS

- CogT Lab website: <https://cogtlab.stanford.edu/>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My career has been devoted to understanding the neural mechanisms involved in brain aging and brain plasticity, with a special focus on early detection and prevention of Alzheimer's disease (AD). My research approach integrates principles and findings from cognitive theory, clinical neuroscience, and computational neuroscience. This approach is complemented by my extensive research experience involving multi-modality neuroimaging (PET, sMRI, dMRI, and fMRI), psychophysiology, neuropsychology, and quantitative research methods. I currently lead an interdisciplinary clinical neuroscience lab, covering a wide spectrum of research from Phases 0-2 in three areas: (a) brain aging, focusing on the links between brain pathophysiology and clinical symptoms, in a wide range of populations, from older adults with superior cognitive capacity to preclinical and prodromal AD, with an overarching aim to gain insights into the broad mechanisms of aging, both in typical and atypical populations and to identify early biomarkers for AD; (b) novel non-pharmacological interventions that promote successful cognitive aging as well as alleviate or eliminate adverse effects of AD pathophysiology; and (c) advanced computational models (e.g., explainable AI) for understanding and intervening on brain aging.

CLINICAL TRIALS

- Breathing, Relaxation, Attention Training, & Health in Older Adults (BREATHE), Recruiting
- FACE Phase II (a Stage II Trial), Recruiting
- Applying a Person-Centered Approach to Enhance Cognitive Training in Senior Living Community Residents With Mild Cognitive Impairment, Not Recruiting
- CogT BEEM Study (a tDCS Study), Not Recruiting
- HARP-Project 1 Cognitive Training, Not Recruiting
- Vision-based Speed of Processing Cognitive Training and Mild Cognitive Impairment, Not Recruiting

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Meishan Ai, Xiaoyu Tong, Xinliang Zhou

Postdoctoral Research Mentor

Yang Liu

Publications

PUBLICATIONS

- **A framework of digital biomarkers for neurodegenerative diseases** *NATURE REVIEWS BIOENGINEERING*
Nerrise, F., Schutz, N., Zhao, Q., Gould, C., Milstein, A., Schulman, K., Henderson, V. W., Landay, J., Fei-Fei, L., Lin, F., Adeli, E.
2026
- **Development and validation of novel cognitive tests in Mandarin-speaking older Americans.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Hu, W. T., Chen, M. H., Li, M. L., Su, G., Li, O. Y., Anthony, M., Raphail, A. M., Kota, K. J., Nayyar, A., Kaluzova, M., Chang, C. Y., Horvath, H., Jomartin, et al
2026; 22 (2): e71133
- **Person-Centered Noninvasive Brain Stimulation for Aging-Related Neurological and Mental Disorders: A Multi-Dimensional Framework for Designing Protocols.** *Neuroscience and biobehavioral reviews*
Zhou, S., Keller, C. J., Chen, N. F., Adeli, E., Lin, F. V.
2025: 106528

- **A multi-dimensional transfer learning framework for studying reward-guided behaviors across species** *NATURE MENTAL HEALTH*
Liu, Y., Turnbull, A., Adeli, E., Zhao, G., Wang, K., Vankee-Lin, F.
2025
- **The Impact of Multiband and In-Plane Acceleration on White Matter Microstructure Analysis.** *Human brain mapping*
Zhang, Z., Venkataraman, A., Cole, M., Ye, T., Qiu, D., Lin, F. V., Risk, B. B.
2025; 46 (14): e70353
- **Functional Connectome of Superagers Reveals Early Markers of Resilience and Vulnerability to Alzheimer's Disease.** *bioRxiv : the preprint server for biology*
Zhao, K., Xie, H., Fonzo, G. A., Carlisle, N. B., Jacobs, T., Osorio, R. S., Church, A., Lin, F. V., Zhang, Y., ADNI Study Group
2025
- **Bridging Gaps in Sundown Syndrome Research: a Scoping Review and Roadmap for Future Multimodal Approaches.** *Archives of clinical neuropsychology : the official journal of the National Academy of Neuropsychologists*
Xu, Q., Lin, F. V., Liu, Y., Zhao, G.
2025
- **Protective Role of Sustained Positive Emotions in Mitigating Negative Mood Responses Following Acute Laboratory Stressor in Middle-Aged and Older Dementia Caregivers.** *Stress and health : journal of the International Society for the Investigation of Stress*
Lin, R., Crean, H. F., Gallegos, A. M., Quiñones, M. M., Weber, M. T., Sørensen, S., Podgorski, C., Lin, F. V., Heffner, K. L.
2025; 41 (3): e70056
- **Cross-Species Framework for Emotional Well-Being and Brain Aging: Lessons From Behavioral Neuroscience.** *JAMA psychiatry*
Lin, F. V., Simmons, J. M., Turnbull, A., Zuo, Y., Conwell, Y., Wang, K. H.
2025
- **Relationships between neuropsychiatric symptoms, subtypes of astrocyte activities, and brain pathologies in Alzheimer's disease and Parkinson's disease.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Li, O. Y., Shin, S., Zhou, S., Turnbull, A., Lin, F. V.
2025; 21 (5): e70242
- **Relationships among cardiorespiratory fitness, brain age, and neurodegeneration in older adults with amnesic mild cognitive impairment.** *Journal of Alzheimer's disease : JAD*
Derbogossian, G., Pituch, K., Anthony, M., Salisbury, D., Lin, F. V., Yu, F.
2025: 13872877251333613
- **Effective engagement in computerized cognitive training for older adults.** *Ageing research reviews*
Guimarães, A. L., Lin, F. V., Panizzutti, R., Turnbull, A.
2025: 102650
- **Speed of Processing Training for Stress Adaptation in Caregivers of a Family Member With Dementia: A Randomized Controlled Trial** *INNOVATION IN AGING*
Heffner, K. L., Crean, H. F., Gallegos, A. M., Quinones-Cordero, M. M., Weber, M. T., Sorensen, S., Lin, R. S. Y., Podgorski, C. A., Lin, F.
2025; 9 (5): igaf033
- **Clinical Manifestations.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Hu, W. T., Chen, M. H., Li, M. L., Su, G. J., Lin, F. V.
2024; 20 Suppl 3: e088311
- **Developing Topics.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Therrien, S., Li, O. Y., Lin, F. V.
2024; 20 Suppl 8: e094796
- **Biomarkers.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Zhou, S., Lin, F. V.
2024; 20 Suppl 2: e088668
- **Biomarkers.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Li, O. Y., Turnbull, A., Lin, F. V.

2024; 20 Suppl 2: e084224

- **Issues of parcellation in the calculation of structure-function coupling.** *Nature reviews. Neuroscience*
Turnbull, A., Lin, F. V., Zhang, Z.
2024
- **A health-equity framework for tailoring digital non-pharmacological interventions in aging.** *Nature. Mental health*
Turnbull, A., Odden, M. C., Gould, C. E., Adeli, E., Kaplan, R. M., Lin, F. V.
2024; 2 (11): 1277-1284
- **A health-equity framework for tailoring digital non-pharmacological interventions in aging** *NATURE MENTAL HEALTH*
Turnbull, A., Odden, M. C., Gould, C. E., Adeli, E., Kaplan, R. M., Lin, F.
2024; 2 (11): 1277-1284
- **Cardiorespiratory Fitness Assessment for Exercise Research in Mild Cognitive Impairment Due to Alzheimer's Disease** *JOURNAL OF GERONTOLOGICAL NURSING*
Yu, F., Salisbury, D., Lin, F.
2024; 50 (9): 31-36
- **Vision-based estimation of fatigue and engagement in cognitive training sessions.** *Artificial intelligence in medicine*
Wang, Y., Turnbull, A., Xu, Y., Heffner, K., Lin, F. V., Adeli, E.
2024; 154: 102923
- **Relations Between Cardiorespiratory Fitness and Cognition in Older Adults With Amnesic Mild Cognitive Impairment From the Aerobic Exercise and Cognitive Training (ACT) Trial: Sex Differences.** *Archives of rehabilitation research and clinical translation*
Yu, F., Salisbury, D., Pituch, K. A., Lin, F. V.
2024; 6 (2): 100341
- **Relations Between Cardiorespiratory Fitness and Cognition in Older Adults With Amnesic Mild Cognitive Impairment From the Aerobic Exercise and Cognitive Training (ACT) Trial: Sex Differences** *ARCHIVES OF REHABILITATION RESEARCH AND CLINICAL TRANSLATION*
Yu, F., Salisbury, D., Pituch, K. A., Lin, F.
2024; 6 (2)
- **Positive affect disrupts neurodegeneration effects on cognitive training plasticity in older adults.** *Social cognitive and affective neuroscience*
Anthony, M., Turnbull, A., Tadin, D., Lin, F. V.
2024
- **Autonomic nervous system flexibility for understanding brain aging.** *Ageing research reviews*
Lin, F. V., Heffner, K. L.
2023: 102016
- **Improving comparability across cognitive training trials for brain aging: A focus on interoperability.** *Alzheimer's & dementia (New York, N. Y.)*
Turnbull, A., Seitz, A., Lin, F. V.
2023; 9 (3): e12405
- **New horizons in emotional well-being and brain aging: Potential lessons from cross-species research.** *International journal of geriatric psychiatry*
Lin, F. V., Zuo, Y., Conwell, Y., Wang, K. H.
2023; 38 (6): e5936
- **Influence of affective states on informant impression of neuropsychiatric symptoms in people living with MCI.** *Aging & mental health*
Therrien, S., Turnbull, A., Anthony, M., Conwell, Y., Lin, F. V.
2023: 1-6
- **Can Emotional Well-Being Maintain Health and Prevent Suicide in Later Life? A National Priority for Research.** *The American journal of geriatric psychiatry : official journal of the American Association for Geriatric Psychiatry*
Conwell, Y., Lin, F. V., Wang, K. H.
2023
- **Heart rate variability and risk of agitation in Alzheimer's disease: the Atherosclerosis Risk in Communities Study.** *Brain communications*
Liu, K. Y., Whitsel, E. A., Heiss, G., Palta, P., Reeves, S., Lin, F. V., Mather, M., Roiser, J. P., Howard, R.

2023; 5 (6): fcad269

- **Brain imaging studies of emotional well-being: a scoping review.** *Frontiers in psychology*
Richter, C. G., Li, C. M., Turnbull, A., Haft, S. L., Schneider, D., Luo, J., Lima, D. P., Lin, F. V., Davidson, R. J., Hoefft, F.
2023; 14: 1328523
- **Effect of online tDCS to left somatomotor cortex on neuropsychiatric symptoms among older adults at risk for dementia.** *Cortex; a journal devoted to the study of the nervous system and behavior*
Turnbull, A., Anthony, M., Tadin, D., Porsteinsson, A. P., Heffner, K., Lin, F. V.
2022; 159: 131-141
- **A Multi-Dimensional Model of Fatigue in Old Age: Implications for Brain Aging.** *The American journal of geriatric psychiatry : official journal of the American Association for Geriatric Psychiatry*
Lin, F. V.
2022
- **Unifying framework for cognitive training interventions in brain aging.** *Ageing research reviews*
Turnbull, A., Seitz, A., Tadin, D., Lin, F. V.
2022: 101724
- **A Novel Explainability Approach for Technology-Driven Translational Research on Brain Aging.** *Journal of Alzheimer's disease : JAD*
Turnbull, A., Kaplan, R., Adeli, E., Lin, F. V.
2022
- **Enhancing Cortical Network-level Participation Coefficient as a Potential Mechanism for Transfer in Cognitive Training in aMCI.** *NeuroImage*
Chen, Q., Turnbull, A., Cole, M., Zhang, Z., Lin, F. V.
2022: 119124
- **Age-related changes in ongoing thought relate to external context and individual cognition.** *Consciousness and cognition*
Turnbull, A., Poerio, G. L., Ho, N. S., Martinon, L. M., Riby, L. M., Lin, F. V., Jefferies, E., Smallwood, J.
2021; 96: 103226
- **Targeting autonomic flexibility to enhance cognitive training outcomes in older adults with mild cognitive impairment: study protocol for a randomized controlled trial.** *Trials*
Lin, F. V., Heffner, K., Gevirtz, R., Zhang, Z., Tadin, D., Porsteinsson, A.
2021; 22 (1): 560
- **Increased segregation of structural brain networks underpins enhanced broad cognitive abilities of cognitive training** *HUMAN BRAIN MAPPING*
Chen, Q., Baran, T. M., Turnbull, A., Zhang, Z., Rebok, G. W., Lin, F.
2021
- **ONLINE, COMPUTERIZED BRAIN TRAINING TO PROMOTE STRESS ADAPTATION AND IMMUNE HEALTH IN CAREGIVERS OF A FAMILY MEMBER WITH DEMENTIA: RATIONALE AND ENGAGEMENT DATA FROM AN ONGOING CLINICAL TRIAL**
Heffner, K. L., Swan, J., Quinones, M., Gallegos, A., Lin, F.
OXFORD UNIV PRESS INC.2021: S546
- **Subjective memory in adults over 50 years of age: associations with affective and physiological markers of emotion regulation** *AGING & MENTAL HEALTH*
Heffner, K. L., Quinones, M. M., Gallegos, A. M., Crean, H. F., Lin, F., Suhr, J. A.
2021: 1-9
- **Brain Small-Worldness Properties and Perceived Fatigue in Mild Cognitive Impairment.** *The journals of gerontology. Series A, Biological sciences and medical sciences*
Kukla, B., Anthony, M., Chen, S., Turnbull, A., Baran, T. M., Lin, F. V.
2021
- **Attitudes Toward Computers Moderate the Effect of Computerized Cognitive Trainings in Oldest-Old Senior Living Center Residents** *AMERICAN JOURNAL OF GERIATRIC PSYCHIATRY*
Lin, F., Cottone, K., Mcdermott, K., Jacobs, A., Nelson, D., Porsteinsson, A., Chapman, B. P.

2021; 29 (3): 285-294

- **Learning Clique Subgraphs in Structural Brain Network Classification with Application to Crystallized Cognition** *NEUROIMAGE*
Wang, L., Lin, F., Cole, M., Zhang, Z.
2021; 225: 117493
- **EMOTIONAL WELL-BEING HUMAN STUDIES**
Lin, F.
OXFORD UNIV PRESS.2021: 203
- **Functional brain mapping in patients with chronic back pain shows age-related differences.** *Pain*
Baran, T. M., Lin, F. V., Geha, P.
2021
- **AGE-RELATED CHANGES IN ONGOING THOUGHT RELATE TO EXTERNAL CONTEXT AND INDIVIDUAL COGNITION**
Turnbull, A., Poerio, G., Lin, F., Smallwood, J.
OXFORD UNIV PRESS.2021: 959
- **Longitudinal stability of medial temporal lobe connectivity is associated with tau-related memory decline** *ELIFE*
Chen, Q., Turnbull, A., Baran, T. M., Lin, F.
2020; 9
- **Brain structural connectomes indicate shared neural circuitry involved in subjective experience of cognitive and physical fatigue in older adults** *BRAIN IMAGING AND BEHAVIOR*
Baran, T. M., Zhang, Z., Anderson, A., McDermott, K., Lin, F.
2020; 14 (6): 2488-2499
- **Decoding individual identity from brain activity elicited in imagining common experiences** *NATURE COMMUNICATIONS*
Anderson, A., McDermott, K., Rooks, B., Heffner, K. L., Dodell-Feder, D., Lin, F. V.
2020; 11 (1): 5916
- **Cortical thickness and resting-state cardiac function across the lifespan: A cross-sectional pooled mega-analysis** *PSYCHOPHYSIOLOGY*
Koenig, J., Abler, B., Agartz, I., akerstedt, T., Andreassen, O. A., Anthony, M., Baer, K., Bertsch, K., Brown, R. C., Brunner, R., Carnevali, L., Critchley, H. D., Cullen, et al
2020
- **Autonomic flexibility reflects learning and associated neuroplasticity in old age** *HUMAN BRAIN MAPPING*
Chen, Q., Yang, H., Rooks, B., Anthony, M., Zhang, Z., Tadin, D., Heffner, K. L., Lin, F.
2020; 41 (13): 3608-3619
- **Processing speed and attention training modifies autonomic flexibility: A mechanistic intervention study** *NEUROIMAGE*
Lin, F., Tao, Y., Chen, Q., Anthony, M., Zhang, Z., Tadin, D., Heffner, K. L.
2020; 213: 116730
- **Dysregulation of inflammation, neurobiology, and cognitive function in PTSD: an integrative review** *COGNITIVE AFFECTIVE & BEHAVIORAL NEUROSCIENCE*
Quinones, M. M., Gallegos, A. M., Lin, F., Heffner, K.
2020; 20 (3): 455-480
- **A generic brain connectome map linked to different types of everyday decision-making in old age** *BRAIN STRUCTURE & FUNCTION*
Rooks, B., Anthony, M., Chen, Q., Lin, Y., Baran, T., Zhang, Z., Lichtenberg, P. A., Li, F.
2020; 225 (4): 1389-1400
- **Blood biomarkers as surrogate endpoints of treatment responses to aerobic exercise and cognitive training (ACT) in amnesic mild cognitive impairment: the blood biomarkers study protocol of a randomized controlled trial (the ACT Trial)** *TRIALS*
Li, D., Mielke, M. M., Bell, W., Reilly, C., Zhang, L., Lin, F., Yu, F.
2020; 21 (1): 19
- **Cognitively supernormal older adults maintain a unique structural connectome that is resistant to Alzheimer's pathology** *NEUROIMAGE-CLINICAL*
Chen, Q., Baran, T. M., Rooks, B., O'Banion, M., Mapstone, M., Zhang, Z., Lin, F., Alzheimers Dis Neuroimaging

2020; 28: 102413

- **An Integrated Neural Decoder of Linguistic and Experiential Meaning** *JOURNAL OF NEUROSCIENCE*
Anderson, A., Binder, J. R., Fernandino, L., Humphries, C. J., Conant, L. L., Raizada, R. D. S., Lin, F., Lalor, E. C.
2019; 39 (45): 8969-8987
- **Insula and putamen centered functional connectivity networks reflect healthy agers' subjective experience of cognitive fatigue in multiple tasks** *CORTEX*
Anderson, A. J., Ren, P., Baran, T. M., Zhang, Z., Lin, F.
2019; 119: 428-440
- **Stress adaptation in older adults with and without cognitive impairment: an fMRI pattern-based similarity analysis** *AGING-US*
Wang, X., Heffner, K. L., Anthony, M., Lin, F.
2019; 11 (17): 6792-6804
- **Multiple Regions of a Cortical Network Commonly Encode the Meaning of Words in Multiple Grammatical Positions of Read Sentences** *CEREBRAL CORTEX*
Anderson, A., Lalor, E. C., Lin, F., Binder, J. R., Fernandino, L., Humphries, C. J., Conant, L. L., Raizada, R. D. S., Grimm, S., Wang, X.
2019; 29 (6): 2396-2411
- **Longitudinal Relationship Between Frailty and Cognition in Patients 50 Years and Older with Breast Cancer** *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY*
Magnuson, A., Lei, L., Gilmore, N., Kleckner, A. S., Lin, F., Ferguson, R., Hurria, A., Wittink, M. N., Esparaz, B. T., Giguere, J. K., Misleh, J., Bautista, J., Mohile, et al
2019; 67 (5): 928-936
- **Cognitive fatigue and cortical-striatal network in old age** *AGING-US*
Ren, P., Anderson, A. J., McDermott, K., Baran, T. M., Lin, F.
2019; 11 (8): 2312-2326
- **Cognitive and physical factors affecting daily function in Alzheimer's disease: A cross-sectional analysis** *NURSING & HEALTH SCIENCES*
Yu, F., Chen, Y., Mathiason, M. A., Wan, Q., Lin, F. V.
2019; 21 (1): 14-20
- **The mediating role of hippocampal networks on stress regulation in amnesic mild cognitive impairment** *NEUROBIOLOGY OF STRESS*
McDermott, K., Ren, P., Lin, F.
2019; 10: 100162
- **Identify a shared neural circuit linking multiple neuropsychiatric symptoms with Alzheimer's pathology** *BRAIN IMAGING AND BEHAVIOR*
Wang, X., Ren, P., Mapstone, M., Conwell, Y., Porsteinsson, A. P., Foxe, J. J., Raizada, R. D. S., Lin, F., Alzheimer's Dis Neuroimaging In
2019; 13 (1): 53-64
- **How pattern information analyses of semantic brain activity elicited in language comprehension could contribute to the early identification of Alzheimer's Disease** *NEUROIMAGE-CLINICAL*
Anderson, A., Lin, F.
2019; 22: 101788
- **Longitudinal Functional Brain Mapping in Supernormals.** *Cerebral cortex (New York, N.Y. : 1991)*
Wang, X., Ren, P., Baran, T. M., Raizada, R. D., Mapstone, M., Lin, F.
2019; 29 (1): 242-252
- **Health Risk Prediction Models Incorporating Personality Data: Motivation, Challenges, and Illustration** *PERSONALITY DISORDERS-THEORY RESEARCH AND TREATMENT*
Chapman, B. P., Lin, F., Roy, S., Benedict, R. H. B., Lyness, J. M.
2019; 10 (1): 46-58
- **Efficacy and mechanisms of combined aerobic exercise and cognitive training in mild cognitive impairment: study protocol of the ACT trial** *TRIALS*
Yu, F., Lin, F., Salisbury, D. L., Shah, K. N., Chow, L., Vock, D., Nelson, N. W., Porsteinsson, A. P., Jack, C.
2018; 19: 700

- **A Systematic Review for Functional Neuroimaging Studies of Cognitive Reserve Across the Cognitive Aging Spectrum** *ARCHIVES OF CLINICAL NEUROPSYCHOLOGY*
Anthony, M., Lin, F.
2018; 33 (8): 937-948
- **Noncognitive Behavioral Changes Associated With Alzheimer's Disease: Implications of Neuroimaging Findings** *JOURNAL OF NEUROPSYCHIATRY AND CLINICAL NEUROSCIENCES*
Victoroff, J., Lin, F. V., Coburn, K. L., Shillcutt, S. D., Voon, V., Ducharme, S.
2018; 30 (1): 14-21
- **The impact of a positive cognitive impairment screen on conversations between patients, caregivers, and oncologists: A UR NCORP randomized study.**
Magnuson, A., Lei, L., Janelsins, M., Culakova, E., Lin, F., Gilles, M., Hurria, A., Dale, W., Duberstein, P., Wittink, M., Wells, M., Gilmore, N., Hamel, et al
AMER SOC CLINICAL ONCOLOGY.2018
- **Geriatric assessment with management intervention in older adults with cancer: a randomized pilot study** *SUPPORTIVE CARE IN CANCER*
Magnuson, A., Lemelman, T., Pandya, C., Goodman, M., Noel, M., Tejani, M., Dougherty, D., Dale, W., Hurria, A., Janelsins, M., Lin, F., Heckler, C., Mohile, et al
2018; 26 (2): 605–13
- **Apolipoprotein E genotype impact on memory and attention in older persons: the moderating role of personality phenotype** *INTERNATIONAL JOURNAL OF GERIATRIC PSYCHIATRY*
Chapman, B. P., Benedict, R. H. B., Lin, F., Roy, S., Porteinsson, A., Szigeti, K., Federoff, H., Mapstone, M.
2018; 33 (2): 332-339
- **Amyloid and FDG PET of Successful Cognitive Aging: Global and Cingulate-Specific Differences** *JOURNAL OF ALZHEIMERS DISEASE*
Baran, T. M., Lin, F.
2018; 66 (1): 307-318
- **Functional and structural connectivity of the amygdala underpins locus of control in mild cognitive impairment** *NEUROIMAGE-CLINICAL*
Ren, P., Chapman, B., Zhang, Z., Schifitto, G., Lin, F.
2018; 20: 297-304
- **Cortical thickness is associated with altered autonomic function in cognitively impaired and non-impaired older adults** *JOURNAL OF PHYSIOLOGY-LONDON*
Lin, F., Ren, P., Wang, X., Anthony, M., Tadin, D., Heffner, K. L.
2017; 595 (22): 6969-6978
- **Acute Affective Reactivity and Quality of Life in Older Adults with Amnesic Mild Cognitive Impairment: A Functional MRI Study** *AMERICAN JOURNAL OF GERIATRIC PSYCHIATRY*
Ren, P., Heffner, K. L., Jacobs, A., Lin, F.
2017; 25 (11): 1225-1233
- **Personality and Performance in Specific Neurocognitive Domains Among Older Persons** *AMERICAN JOURNAL OF GERIATRIC PSYCHIATRY*
Chapman, B. P., Benedict, R. H., Lin, F., Roy, S., Federoff, H. J., Mapstone, M.
2017; 25 (8): 900-908
- **Amygdala functional connectivity is associated with locus of control in the context of cognitive aging** *NEUROPSYCHOLOGIA*
Ren, P., Anthony, M., Chapman, B. P., Heffner, K., Lin, F.
2017; 99: 199-206
- **What success can teach us about failure: the plasma metabolome of older adults with superior memory and lessons for Alzheimer ' s disease** *NEUROBIOLOGY OF AGING*
Mapstone, M., Lin, F., Nalls, M. A., Cheema, A. K., Singleton, A. B., Fiandaca, M. S., Federoff, H. J.
2017; 51: 148-155
- **Activity engagement and physical function in old age sample** *ARCHIVES OF GERONTOLOGY AND GERIATRICS*
Shah, K. N., Lin, F. V., Yu, F., McMahon, J. M.
2017; 69: 55-60

- **Identification of Successful Cognitive Aging in the Alzheimer's Disease Neuroimaging Initiative Study** *JOURNAL OF ALZHEIMERS DISEASE*
Lin, F. V., Wang, X., Wu, R., Rebok, G. W., Chapman, B. P., Alzheimer's Dis Neuroimaging
2017; 59 (1): 101-111
- **Insula and Inferior Frontal Gyrus' Activities Protect Memory Performance Against Alzheimer's Disease Pathology in Old Age** *JOURNAL OF ALZHEIMERS DISEASE*
Lin, F., Ren, P., Lo, R. Y., Chapman, B. P., Jacobs, A., Baran, T. M., Porsteinsson, A. P., Foxe, J. J., Alzheimers Dis Neuroimaging Initia
2017; 55 (2): 669-678
- **The cingulate cortex of older adults with excellent memory capacity** *CORTEX*
Lin, F., Ren, P., Mapstone, M., Meyers, S. P., Porsteinsson, A., Baran, T. M., Alzheimer's Dis Neuroimaging Initi
2017; 86: 83-92
- **A Role of the Parasympathetic Nervous System in Cognitive Training** *CURRENT ALZHEIMER RESEARCH*
Lin, F., Heffner, K. L., Ren, P., Tadin, D.
2017; 14 (7): 784-789
- **Cognitive and Neural Effects of Vision-Based Speed-of-Processing Training in Older Adults with Amnesic Mild Cognitive Impairment: A Pilot Study** *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY*
Lin, F., Heffner, K. L., Ren, P., Tivarus, M. E., Brasch, J., Chen, D., Mapstone, M., Porsteinsson, A. P., Tadin, D.
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