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**Education & Postgraduate Training**

<b><u>INSTITUTION AND LOCATION</u></b>	<b><u>DEGREE</u></b>	<b><u>Completion Date</u></b>	<b><u>FIELD OF STUDY</u></b>
Shahid Beheshti University, Tehran, Iran	M.D.	09/2009	Medicine
Harvard Medical School, Massachusetts General Hospital, Boston, MA	Postdoctoral Fellowship	06/2012	Neuroimaging & clinical informatics
Albert Einstein College of Medicine, Bronx, NY	Postdoctoral Fellowship	06/2013	Neuroepidemiology & Cognitive Neurology
Albert Einstein College of Medicine, Montefiore Medical Center, Bronx, NY	Internship	06/2014	Medicine
Albert Einstein College of Medicine, Montefiore Medical Center, Bronx, NY	Residency	06/2017	Neurology

**Professional Employment and Hospital Appointments**

Assistant Professor of Neurology, Albert Einstein College of Medicine, Bronx, NY	02/2018-05/2023
Assistant Professor of Neurology, Montefiore Medical Center, Bronx, NY	06/2019-06/2023
Associate Professor of Neurology, University of California, Irvine, CA	06/2023-Present
Director, Neuroinformatics Program, University of California, Irvine, CA	06/2023-Present
Director, Center for design, Discovery and Data Analytics (3D Center) in neurological disorders, University of California, Irvine, CA	08/2025-Present

**Professional Licensure and Credentialing**

General Neurology – American Board of Psychiatry and Neurology	2017-present
New York State – Neurology	2017-2023
California State – Neurology	2021-present

## Active & New Grants

<b>NIA 1R01AG095017</b> Role: mPI, Sajjadi/ <u>Ezzati</u> /Glover/Grill	<b>Title:</b> Discovery and Trial Ready Cohort for Limbic Predominant Age Related TDP-43 Encephalopathy (TRC LATE) 09/2025-08/2030 <b>Total Funding:</b> \$17,945,114
<b>NIA- 1R01AG080635-01A1</b> Role: mPI, <u>Ezzati</u> /Lipton/Rabin	<b>Title:</b> Validation of the Remote Cognitive Aging and Alzheimer's Disease REsearch (R-CARE) Toolbox for Diverse Populations 09/2023-06/2028 <b>Total Funding:</b> \$10,911,118
<b>NIH-U19 AG076581 – Alzheimer's Association</b> Role: mPI NIA mPIs: de Erausquin/Katz/Seshadri AA mPIs: Lipton/ <u>Ezzati</u> /Cruchaga	<b>Title:</b> Interactions between SARS-CoV2 infection and ancestral genomic variations in the risk of Alzheimer's Disease. 09/2023-09/2028 <b>Total Funding (NIH):</b> \$43,625,790 <b>Total Funding (AA) :</b> \$5,000,000
<b>Cure Alzheimer's Foundation</b> Role: PI	<b>Title:</b> Bioinformatics Platform for Modeling Alzheimer's Progression (MAP-AD Platform) 12/2024 -11/2027 <b>Total Funding (NIH):</b> \$402,500
<b>Amgen Investigator initiated Grant</b> Role: PI	<b>Title:</b> Migraine and cognitive function: a prospective cohort 12/2024-12/2026 <b>Total Funding (NIH):</b> \$165,000

## Completed Grants/Awards

<b>NIA-K23 AG063993</b> Role: PI	<b>Title:</b> Predictive analytics for cognitive decline and Alzheimer's disease 9/2020 - 6/2025 <b>Total Funding (NIH):</b> \$965,000
<b>UCI's Institute for Precision Health (IPH) Pilot Award</b> Role: PI	<b>Title:</b> Data-Driven Discovery of Clinically Relevant Subgroups in Alzheimer's Disease. 3/2024-2/2025 <b>Total Funding (NIH):</b> \$50,000
<b>Alzheimer's Association Clinician-Scientist Fellowship (AACSF) award (2019-AACSF-641329)</b> Role: PI	<b>Title:</b> Optimizing prediction of clinical progression in mild cognitive impairment (MCI) population. 10/2019-10/2022 <b>Total Funding (NIH):</b> \$225,000
<b>Sylvia and Marx foundation early carrier development award in Alzheimer's disease.</b> Role: Co-I (PI: Lipton)	<b>Title:</b> Multimodal data analytics in dementia-free older adults. 2/2018-12/2021 <b>Total Funding (NIH):</b> \$300,000
<b>GSK, Investigator Initiated Award</b> Role: PI	<b>Title:</b> Predicting treatment response to acute pain therapies across different age groups. <b>Total Funding:</b> \$50,000

<b>RoseTree Trust Pilot Research Award</b> Role: Consultant (PI: Udeh-Momo)	<b>Title:</b> Neuroendocrine biomarkers for the prediction and prevention of Alzheimer's disease and dementia (ENDO-4-AD) study 6/2021-12/2022
<b>Cure Alzheimer Fund</b> Role: PI	<b>Title:</b> Improving Alzheimer's Disease Clinical Trials' Design by Machine Learning Models 7/2020-7/2024 <b>Total Funding (NIH):</b> \$200,000
<b>NIA-R01AG057548</b> Role: Co-I (PI: Joe Verghese)	<b>Title:</b> The biological underpinnings of Motoric Cognitive Risk Syndrome: a multi-center study 9/2020-9/2024 <b>Total Funding (NIH):</b> \$7,945,000
<b>American Heart Association</b> PI: Elizabeth Seng Role: Co-I	<b>Title:</b> Migraine as a Risk Factor for Cardiovascular Events in the Veterans Health Administration 06/2023-06/2025

### Professional Society Membership

American Academy of Neurology (AAN)

American Neurological Association (ANA)

International Society to Advance Alzheimer's Research and Treatment (ISTAART)

American Headache Society (AHS)

International Headache Society (IHS)

### Awards

- Sylvia and Marx foundation early carrier development award in Alzheimer's disease. 2018-2021
- Isabel Rapin Resident Research Award, Albert Einstein College of Medicine. 2017.

### Didactics, Mentorship, and other Professional Services

#### Clinical Mentorship

- General Neurology Service Attending – 1 week per month  
Clinical teaching while rounding and being on-call on inpatient and consult  
General Service for approximately 1-2 weeks per month with a team of trainees including PGY-4 (1) and PGY-2 (2) neurology residents, Year 3 medical students (3), Year 4 sub-intern medical student (1)  
2018 - present

#### Teaching and Didactics

- Monthly Behavioral Neurology case-conference  
03/2018-06/2020
- Aging & Dementia Research Elective Course  
01/2019-06/2021
- Monthly Resident and Fellows Journal Club  
01/2019-03/2023
- General Neurology Morning Rounds with residents and students (One week per month)  
02/2018-Present
- Capstone project of Master of Software Engineering (MSWE)  
09/2024-12/2023

#### Research Grant Review Committees

- NIH - Clinical Neuroscience and Neurodegeneration Study Section  
05/2021
- NIH - Center for Scientific Review special emphasis panel for MCI/Alzheimer's Disease  
03/2022
- NIH - Center for Scientific Review special emphasis panel for Clinical Informatics  
08/2023
- NIH - Topics in Clinical informatics and data analytics  
11/2023

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- NIH - U19 special emphasis panel in Alzheimer's disease	02/2024
- National Alzheimer's Disease Coordinating Center (NACC) early investigator award	
- NIH - Special emphasis panel in Digital biology	06/2024
- UCI - ICTS T35 award	03/2025
- UCI - ICTS T35 award	12/2025
- Alzheimer's Association –Clinician-Scientist Fellowship Award review panel Role: <u>Standing member</u> , Frequency: 2 sessions per year	02/2021- present
- NIH - Cognitive Disorder and Brain Aging (CBDA) study section Role: <u>Standing member</u> , Frequency: 3 sessions per year	11/2025-present

### **Conference Planning Committees & Reviewer**

- Alzheimer's Association International conference – Abstract Review committee	07/2023
- Alzheimer's Association International conference – Abstract Review committee	07/2024
- American Headache Society, Scottsdale Symposium – CME review committee	11/2024

### **Journal Services**

- Peer Reviewer: JAMA, JAMA neurology, Neurology, Alzheimer's and Dementia journals, BMJ, Cephalalgia, Headache: The Journal of Head and Face Pain, Journal of Alzheimer's Disease, Journal of Behavioral Medicine, Pain Medicine, Journal of American Geriatrics Society, Experimental Gerontology, Hippocampus, Neurobiology of Aging, Neuroradiology, Neuroscience Letters, PLOS One, PLOS computational biology, Psychiatry research, Psychogeriatrics, Current Psychology, Brain Imaging and Behavior.	Ongoing
- Associate Editor of Journal of Alzheimer's disease (2019-current)	
- Guest Editor for Frontiers in Aging Neuroscience (2020).	

### **Continuing Education Courses and Grand Rounds**

Invited speaker at national events:

- USC Stevens Neuroimaging and Informatics Institute, Special Seminar	09/2021
- UCLA Department of Neurology, Grand Rounds	09/2022
- UCI, Department of Neurology, Special Seminar	09/2022
- Cedars Sinai, Department of Neurology, Grand Rounds	01/2023
- Department of Neurology Research Seminar	11/2023
- UCI Institute for Memory Impairments & Neurological Disorders (UCI MIND)	12/2023
- Albert Einstein, Department of Rehabilitation Medicine, Grand Rounds	05/2024
- NYU Langone Health, Department of Neurology, Grand Rounds	05/2025
- Mass General Brigham, Department of Neurology, Grand Rounds	12/2025

Invited speaker at International Conferences:

- Alzheimer's Association, Virtual: <i>Machine learning for analysis of multimodal data</i>	07/2021
- American Academy of Neurology, Seattle, WA: <i>Neuroscience in Clinic</i>	04/2022
- Alzheimer's Association, Amsterdam, Netherland: <i>Biofluid biomarkers in ADRD</i>	07/2023
- American Headache Society, <i>Plenary session on "AI in medicine"</i> , San Diego, CA	06/2024
- American Headache Society, Minneapolis, MN: <i>Session on Design and Data Analytics of cohorts and epidemiologic studies in headache medicine</i>	06/2025
- Alzheimer's Association, Toronto, Canada: <i>Remote Digital Platforms for ADRD</i> ,	07/2026

Chairing Sessions at National/International Conferences and Symposiums

- American Neurological Association, Views from NINDS, NIA, VA, & DOD, Philadelphia, PA	09/2023
- American Headache Society, <i>Plenary session on "AI in medicine"</i> , San Diego, CA	06/2024
- American Neurological Association, Views from NINDS, NIA, VA, & DOD, Orlando, FL	09/2024

### **Other University/Hospital Services**

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- Member, Clinical Quality and Compliance Committee, Montefiore Medical Center 2018-2019
  - Departmental Representative for Neurology, Graduate Student Research Committee, Albert Einstein College of Medicine 2019-2023
  - Mentor, Neuroinformatics, Albert Einstein College of Medicine 2020-2023
  - Faculty Mentor, Summer Research Program for medical students, Albert Einstein College of Medicine 2019-2023
  - Grand Rounds Committee member, UCI 2025-present

### **Community Services and Patient Education**

- Author, Alzheimer's Association Patient resources Present
- Author/Contributor, Medium and other blogs providing medical education in neurological disorders Present
- Invited Lecture, "Alzheimer's disease, a public health challenge in 21<sup>st</sup> century", Virtual, Alzheimer's Association 01/2020
- Invited Lecture, "Hypertension, a major risk factor for Alzheimer's disease and dementia", virtual, Women's Health Initiative 03/2021
- Invited Lecture, "Artificial intelligence in Alzheimer's disease research", virtual, for Cure Alzheimer's Fund. 07/2023

### **Other Services and Scientific Contributions**

- Alzheimer's Association: Special Interest Group (SIG) in Salivary biomarkers 06/2019-06/2021  
Role: Vice-chair
- American Headache Society: Special Interest Group (SIG) in "Methodology, Design & Statistical Issues" 04/2024-04/2026  
Role: Chair

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### **MY BIBLIOGRAPHY**

- Complete List of Published Works in **My NCBI Bibliography**  
<https://www.ncbi.nlm.nih.gov/myncbi/ali.ezzati.1/bibliography/public/>
- Complete list of Abstracts & Conference Presentations in my **Google Scholar Page**  
[https://scholar.google.com/citations?hl=en&user=ugvK2t0AAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=ugvK2t0AAAAJ&view_op=list_works&sortby=pubdate)

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### **ORIGINAL PUBLICATIONS IN PEER REVIEWED JOURNALS**

1. **Ezzati A**, Golzar A, Afraz AS. [Topography of the motion aftereffect with and without eye movements](#). J Vis. 2008 Dec 18;8(14):23.1-16. doi: 10.1167/8.14.23. PubMed PMID: 19146324.
2. **Ezzati A**, Bayat M, Taheri S, Mohsenifar Z. [Low-level laser therapy with pulsed infrared laser accelerates third-degree burn healing process in rats](#). J Rehabil Res Dev. 2009;46(4):543-54. doi: 10.1682/jrrd.2008.09.0121. PubMed PMID: 19882488.
3. **Ezzati A**, Khadjevand F, Zandvakili A, Abbassian A. [Higher-level motion detection deficit in Parkinson's disease](#). Brain Res. 2010 Mar 12;1320:143-51. doi: 10.1016/j.brainres.2010.01.022. Epub 2010 Jan 18. PubMed PMID: 20083093.
4. **Ezzati A**, Bayat M, Khoshvaghti A. [Low-level laser therapy with a pulsed infrared laser accelerates second-degree burn healing in rat: a clinical and microbiologic study](#). Photomed Laser Surg. 2010 Oct;28(5):603-11. doi: 10.1089/pho.2009.2544. Epub 2010 Sep 23. PubMed PMID: 20860542.
5. **Ezzati A**, Zimmerman ME, Katz MJ, Lipton RB. [Hippocampal correlates of depression in healthy elderly adults](#). Hippocampus. 2013 Dec;23(12):1137-42. doi: 10.1002/hipo.22185. Epub 2013 Oct 2. PubMed PMID: 23939871; PubMed Central PMCID: PMC4018740.
6. **Ezzati A**, Jiang J, Katz MJ, Sliwinski MJ, Zimmerman ME, Lipton RB. [Validation of the Perceived Stress Scale in a community sample of older adults](#). Int J Geriatr Psychiatry. 2014 Jun;29(6):645-52. doi: 10.1002/gps.4049. Epub 2013 Dec 3. PubMed PMID: 24302253; PubMed Central PMCID: PMC4013212.

7. **Ezzati A**, Zimmerman ME, Katz MJ, Sundermann EE, Smith JL, Lipton ML, Lipton RB. [Hippocampal subfields differentially correlate with chronic pain in older adults](#). *Brain Res.* 2014 Jul 21;1573:54-62. doi: 10.1016/j.brainres.2014.05.025. Epub 2014 May 27. PubMed PMID: 24878607; PubMed Central PMCID: PMC4111097.
8. **Ezzati A**, Katz MJ, Lipton ML, Lipton RB, Verghese J. [The association of brain structure with gait velocity in older adults: a quantitative volumetric analysis of brain MRI](#). *Neuroradiology.* 2015 Aug;57(8):851-61. doi: 10.1007/s00234-015-1536-2. Epub 2015 Apr 29. PubMed PMID: 25921321; PubMed Central PMCID: PMC4553137.
9. Katz MJ, Derby CA, Wang C, Sliwinski MJ, **Ezzati A**, Zimmerman ME, Zwerling JL, Lipton RB. [Influence of Perceived Stress on Incident Amnesic Mild Cognitive Impairment: Results From the Einstein Aging Study](#). *Alzheimer Dis Assoc Disord.* 2016 Apr-Jun;30(2):93-8. doi: 10.1097/WAD.000000000000125. PubMed PMID: 26655068; PubMed Central PMCID: PMC4877262.
10. Zimmerman ME, **Ezzati A**, Katz MJ, Lipton ML, Brickman AM, Sliwinski MJ, Lipton RB. [Perceived Stress Is Differentially Related to Hippocampal Subfield Volumes among Older Adults](#). *PLoS One.* 2016;11(5):e0154530. doi: 10.1371/journal.pone.0154530. eCollection 2016. PubMed PMID: 27144832; PubMed Central PMCID: PMC4856349.
11. Mitchell MB, Shirk SD, McLaren DG, Dodd JS, **Ezzati A**, Ally BA, Atri A. [Recognition of faces and names: multimodal physiological correlates of memory and executive function](#). *Brain Imaging Behav.* 2016 Jun;10(2):408-23. doi: 10.1007/s11682-015-9420-6. PubMed PMID: 26116280; NIHMSID:NIHMS703601.
12. **Ezzati A**, Katz MJ, Lipton ML, Zimmerman ME, Lipton RB. [Hippocampal volume and cingulum bundle fractional anisotropy are independently associated with verbal memory in older adults](#). *Brain Imaging Behav.* 2016 Sep;10(3):652-9. doi: 10.1007/s11682-015-9452-y. PubMed PMID: 26424564; PubMed Central PMCID: PMC4816657.
13. **Ezzati A**, Katz MJ, Zammit AR, Lipton ML, Zimmerman ME, Sliwinski MJ, Lipton RB. [Differential association of left and right hippocampal volumes with verbal episodic and spatial memory in older adults](#). *Neuropsychologia.* 2016 Dec;93(Pt B):380-385. doi: 10.1016/j.neuropsychologia.2016.08.016. Epub 2016 Aug 16. PubMed PMID: 27542320; PubMed Central PMCID: PMC5154822.
14. Eslami V, Katz MJ, White RS, Sundermann E, Jiang JM, **Ezzati A**, Lipton RB. [Pain Intensity and Pain Interference in Older Adults: Role of Gender, Obesity and High-Sensitivity C-Reactive Protein](#). *Gerontology.* 2017;63(1):3-12. doi: 10.1159/000446651. Epub 2016 Aug 4. PubMed PMID: 27486843; PubMed Central PMCID: PMC5154794.
15. Zammit AR, **Ezzati A**, Zimmerman ME, Lipton RB, Lipton ML, Katz MJ. [Roles of hippocampal subfields in verbal and visual episodic memory](#). *Behav Brain Res.* 2017 Jan 15;317:157-162. doi: 10.1016/j.bbr.2016.09.038. Epub 2016 Sep 16. PubMed PMID: 27646772; PubMed Central PMCID: PMC6343125.
16. Shirk SD, McLaren DG, Bloomfield JS, Powers A, Duffy A, Mitchell MB, **Ezzati A**, Ally BA, Atri A. [Inter-Rater Reliability of Preprocessing EEG Data: Impact of Subjective Artifact Removal on Associative Memory Task ERP Results](#). *Front Neurosci.* 2017;11:322. doi: 10.3389/fnins.2017.00322. eCollection 2017. PubMed PMID: 28670264; PubMed Central PMCID: PMC5472725.
17. **Ezzati A**, Wang C, Lipton RB, Altschul D, Katz MJ, Dickson DW, Derby CA. [Association Between Vascular Pathology and Rate of Cognitive Decline Independent of Alzheimer's Disease Pathology](#). *J Am Geriatr Soc.* 2017 Aug;65(8):1836-1841. doi: 10.1111/jgs.14903. Epub 2017 Apr 13. PubMed PMID: 28407205; PubMed Central PMCID: PMC5555777.
18. Zammit AR, **Ezzati A**, Katz MJ, Zimmerman ME, Lipton ML, Sliwinski MJ, Lipton RB. [The association of visual memory with hippocampal volume](#). *PLoS One.* 2017;12(11):e0187851. doi: 10.1371/journal.pone.0187851. eCollection 2017. PubMed PMID: 29117260; PubMed Central PMCID: PMC5678713.
19. **Ezzati A**, Rundek T, Verghese J, Derby CA. [Transcranial Doppler and Lower Extremity Function in Older Adults: Einstein Aging Study](#). *J Am Geriatr Soc.* 2017 Dec;65(12):2659-2664. doi:

- 10.1111/jgs.15181. Epub 2017 Nov 11. PubMed PMID: 29130477; PubMed Central PMCID: PMC5729099.
20. Zammit AR, Hall CB, Katz MJ, Muniz-Terrera G, **Ezzati A**, Bennett DA, Lipton RB. [Class-Specific Incidence of All-Cause Dementia and Alzheimer's Disease: A Latent Class Approach.](#) J Alzheimers Dis. 2018;66(1):347-357. doi: 10.3233/JAD-180604. PubMed PMID: 30282367; PubMed Central PMCID: PMC6329008.
  21. Zammit AR, Muniz-Terrera G, Katz MJ, Hall CB, **Ezzati A**, Bennett DA, Lipton RB. [Subtypes Based on Neuropsychological Performance Predict Incident Dementia: Findings from the Rush Memory and Aging Project.](#) J Alzheimers Dis. 2019;67(1):125-135. doi: 10.3233/JAD-180737. PubMed PMID: 30507576; PubMed Central PMCID: PMC6335582.
  22. **Ezzati A**, Wang C, Katz MJ, Derby CA, Zammit AR, Zimmerman ME, Pavlovic JM, Sliwinski MJ, Lipton RB. [The Temporal Relationship between Pain Intensity and Pain Interference and Incident Dementia.](#) Curr Alzheimer Res. 2019;16(2):109-115. doi: 10.2174/1567205016666181212162424. PubMed PMID: 30543173; PubMed Central PMCID: PMC6484854.
  23. **Ezzati A**, Zammit AR, Harvey DJ, Habeck C, Hall CB, Lipton RB. [Optimizing Machine Learning Methods to Improve Predictive Models of Alzheimer's Disease.](#) J Alzheimers Dis. 2019;71(3):1027-1036. doi: 10.3233/JAD-190262. PubMed PMID: 31476152; PubMed Central PMCID: PMC6993918.
  24. **Ezzati A**, Katz MJ, Derby CA, Zimmerman ME, Lipton RB. [Depressive Symptoms Predict Incident Dementia in a Community Sample of Older Adults: Results From the Einstein Aging Study.](#) J Geriatr Psychiatry Neurol. 2019 Jan 10;:891988718824036. doi: 10.1177/0891988718824036. [Epub ahead of print] PubMed PMID: 30630387; PubMed Central PMCID: PMC7201340.
  25. **Ezzati A**, Zammit AR, Katz MJ, Derby CA, Zimmerman ME, Lipton RB. [Health-related Quality of Life, Cognitive Performance, and Incident Dementia in a Community-based Elderly Cohort.](#) Alzheimer Dis Assoc Disord. 2019 Jul-Sep;33(3):240-245. doi: 10.1097/WAD.0000000000000324. PubMed PMID: 31135451; PubMed Central PMCID: PMC6710122.
  26. **Ezzati A**, Zammit AR, Lipton ML, Lipton RB. [The relationship between hippocampal volume, chronic pain, and depressive symptoms in older adults.](#) Psychiatry Res Neuroimaging. 2019 Jul 30;289:10-12. doi: 10.1016/j.pscychresns.2019.05.003. Epub 2019 May 15. PubMed PMID: 31112826; PubMed Central PMCID: PMC6645699.
  27. Zammit AR, Hall CB, Bennett DA, **Ezzati A**, Katz MJ, Muniz-Terrera G, Lipton RB. [Neuropsychological latent classes at enrollment and postmortem neuropathology.](#) Alzheimers Dement. 2019 Sep;15(9):1195-1207. doi: 10.1016/j.jalz.2019.05.012. Epub 2019 Aug 13. PubMed PMID: 31420203; PubMed Central PMCID: PMC6756968.
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  29. **Ezzati A**, Lipton RB. [Machine Learning Predictive Models Can Improve Efficacy of Clinical Trials for Alzheimer's Disease.](#) J Alzheimers Dis. 2020;74(1):55-63. doi: 10.3233/JAD-190822. PubMed PMID: 31985462; PubMed Central PMCID: PMC7201366.
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34. **Ezzati A**, Abdulkadir A, Jack CR Jr, Thompson PM, Harvey DJ, Truelove-Hill M, Sreepada LP, Davatzikos C, Lipton RB. [Predictive value of ATN biomarker profiles in estimating disease progression in Alzheimer's disease dementia](#). Alzheimers Dement. 2021 Nov;17(11):1855-1867. doi: 10.1002/alz.12491. Epub 2021 Nov 10. PubMed PMID: 34870371; PubMed Central PMCID: PMC8842842.
35. Grober E, Papp KV, Rentz DM, Sperling RA, Johnson KA, Amariglio RE, Schultz A, Lipton RB, **Ezzati A**. [Neuroimaging correlates of Stages of Objective Memory Impairment \(SOMI\) system](#). Alzheimers Dement (Amst). 2021;13(1):e12224. doi: 10.1002/dad2.12224. eCollection 2021. PubMed PMID: 35005192; PubMed Central PMCID: PMC8719429.
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37. Petersen KK, Grober E, Lipton RB, Sperling RA, Buckley RF, Aisen PS, **Ezzati A**. [Impact of sex and APOE  \$\epsilon\$ 4 on the association of cognition and hippocampal volume in clinically normal, amyloid positive adults](#). Alzheimers Dement (Amst). 2022;14(1):e12271. doi: 10.1002/dad2.12271. eCollection 2022. PubMed PMID: 35155730; PubMed Central PMCID: PMC8828988.
38. **Ezzati A**, Davatzikos C, Wolk DA, Hall CB, Habeck C, Lipton RB. [Application of predictive models in boosting power of Alzheimer's disease clinical trials: A post hoc analysis of phase 3 solanezumab trials](#). Alzheimers Dement (N Y). 2022;8(1):e12223. doi: 10.1002/trc2.12223. eCollection 2022. PubMed PMID: 35310531; PubMed Central PMCID: PMC8919041.
39. Grober E, Lipton RB, Sperling RA, Papp KV, Johnson KA, Rentz DM, Veroff AE, Aisen PS, **Ezzati A**. [Associations of Stages of Objective Memory Impairment With Amyloid PET and Structural MRI: The A4 Study](#). Neurology. 2022 Mar 29;98(13):e1327-e1336. doi: 10.1212/WNL.0000000000200046. Epub 2022 Feb 23. PubMed PMID: 35197359; PubMed Central PMCID: PMC8967421.
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## **ABSTRACTS AND CONFERENCE PRESENTATIONS**

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2. F Ezzati, P Pezeshk, A Ezzati, K Gharagozli  
[Comparison of amitriptyline and venlafaxine in the prophylaxis of migraine without aura](#)  
2005 Cephalalgia (conference abstract)
3. **A Ezzati**, A Golzar, SR Afraz  
[Topographic map of the motion aftereffect](#)  
2005 European Conference on Visual Perception (ECVP)
4. M Adibi, **A Ezzati**  
[The effect of flashing stimuli on the motion perception of remote moving objects](#)  
2005 European Conference on Visual Perception (ECVP)
5. **A Ezzati**, A Golzar, SR Afraz  
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2007 European Conference on Visual Perception (ECVP)
6. A Daneshmand, **A Ezzati**  
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7. **A Ezzati**, F Khadjevand, A Zandvakili, AH Abbassian  
[Debility in higher level motion detection in Parkinson's disease: a clue for attentional rigidity?](#)  
2009 European Conference on Visual Perception (ECVP)
8. S Attarian, **A Ezzati**, S Talehy-Moineddin, M Sanayei  
[Retinotopic organization of high-level aftereffects](#)  
2009 European Conference on Visual Perception (ECVP)
9. **A Ezzati**, MB Mitchel, SD Shirk, DG McLaren, BA Ally, A Atri  
[Neural Correlates of Face-Name Encoding Using Simultaneous Eye-Tracking and ERP](#)  
2012 American Neurological Association Conference (ANA)
10. **A Ezzati**, M Zimmerman, M Katz, R Lipton  
[The Link between Recent Stress and Hippocampal Measures in Healthy Elderly Adults](#)  
2013 American Academy of Neurology (AAN)
11. **A Ezzati**, M Katz, M Zimmerman, R Lipton  
[Hippocampal Correlates of Depressive Symptoms in Nondemented Elderly Adults](#)  
2013 American Academy of Neurology (AAN)
12. **A Ezzati**, C Derby, M Katz, M Zimmerman, R Lipton, D Cabral, T Rundek  
[Transcranial Doppler cerebral blood flow velocity and cognitive function: Results from the Einstein Aging Study](#)  
2013 Alzheimer's Association International Conference (AAIC)
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[Validation of the Perceived Stress Scale in a community sample of older adults: Results from the Einstein Aging Study](#)  
2013 Alzheimer's Association International Conference (AAIC)
15. M Katz, C Wang, **A Ezzati**, M Sliwinski, M Zimmerman, C Derby, R Lipton  
[Stress and risk of amnesic mild cognitive impairment: Results from the Einstein Aging Study](#)  
2013 Alzheimer's Association International Conference (AAIC)
16. C Derby, **A Ezzati**, T Rundek, MJ Katz, RB Lipton, J Verghese  
[Transcranial Doppler Ultrasound \(TCD\) Cerebral Blood Flow is Associated with Gait Velocity: Einstein Aging Study](#)  
2013 The Gerontological Society of America (GSA)
17. ME Zimmerman, A Brickman, **A Ezzati**, MJ Katz, RB Lipton  
[Stress, Neuroimaging, and Cognitive Aging](#)  
2013 The Gerontological Society of America (GSA)
18. MJ Katz, CA Derby, C Wang, MJ Sliwinski, **A Ezzati**, ME Zimmerman, RB Lipton  
[Influence of Perceived Stress on Incident Amnesic Mild Cognitive Impairment](#)  
2015 Alzheimer's Association International Conference (AAIC)
19. V Eslami, M Katz, R White, E Sundermann, J Jiang, **A Ezzati**, R Lipton  
[Pain Intensity and Pain Interference in Older Adults: Role of Gender, Obesity and Inflammation](#)  
2015 American Academy of Neurology (AAN)
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[Total intracranial volume and current total brain volume are linked to level of pain in older adults.](#)  
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[Stress and white matter hyperintensities in nondemented older adults](#)  
2015 Alzheimer's Association International Conference (AAIC)
22. **A Ezzati**, MJ Katz, MJ Sliwinski, AM Brickman, ME Zimmerman, RB Lipton

- [Correlates of memory function in older adults: The importance of white matter hyperintensities and hippocampal volume](#)  
2015 Alzheimer's Association International Conference (AAIC)
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[Verbal episodic memory and spatial memory correlate differentially with hippocampal volume in older adults](#)  
2015 American Academy of Neurology (AAN)
24. **A Ezzati**, A Brickman, M Zimmerman, M Katz, C Derby, M Lipton, RB Lipton  
[Relationship of White Matter Hyperintensity and Cortical Volume with Gait Velocity in Older Adults](#)  
2016 American Academy of Neurology (AAN)
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[Vascular Pathology Is Associated with Rate of Cognitive Decline Independent of AD Pathology \(Einstein Aging Study\)](#)  
2016 American Academy of Neurology (AAN)
26. **A Ezzati**, M Katz, M Lipton, R Lipton  
[Hippocampal atrophy in older adults with chronic pain is associated with higher levels of depressive symptoms](#)  
2017 American Academy of Neurology (AAN)
27. **A Ezzati**, C Wang, A Zammit, M Katz, M Zimmerman, C Derby, R Lipton  
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2017 American Academy of Neurology (AAN)
28. S Attarian, M Janakiram, **A Ezzati**, RA Gucalp  
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2017 American Society of Oncology (ASCO)
29. ME Zimmerman, MJ Katz, **A Ezzati**, ML Lipton, AM Brickman, RB Lipton  
[White Matter Hyperintensities Modify the Relationship between Hippocampal Volume and Verbal Memory in Older Adults without Dementia](#)  
2017 Alzheimer's Association International Conference (AAIC)
30. **A Ezzati**, MJ Katz, ME Zimmerman, CA Derby, RB Lipton  
[Health-Related Quality Of Life Measures From Sf-36 Health Survey Predict Incident Dementia In Older Adults](#)  
2018 Alzheimer's Association International Conference (AAIC)
31. **A Ezzati**, MJ Katz, CA Derby, ME Zimmerman, RB Lipton  
[Depressive symptoms predict incident dementia in a community sample of older adults](#)  
2018 Alzheimer's Association International Conference (AAIC)
32. **A Ezzati**, A Zammit, D Harvey, C Habeck, N Mesgarani, C Hall, R Lipton  
[Predicting Clinical Course in Persons with Mild Cognitive Impairment using structural MRI.](#)  
2019 American Academy of Neurology (AAN)
33. **A Ezzati**, AR Zammit, J Hyun, RB Lipton  
[The signal and the noise in Alzheimer's disease: can machine learning methods improve our predictions?](#)  
2019 Alzheimer's Association International Conference (AAIC)
34. AR Zammit, GM Muniz-Terrera, CB Hall, MJ Katz, DA Bennett, A Ezzati, et al.  
[A latent transition analysis model to assess change in cognitive states and predict incident dementia: results from the Rush Memory and Aging Project](#)  
2019 Alzheimer's Association International Conference (AAIC)
35. 2020 J Hyun, CB Hall, MJ Katz, **A Ezzati**, RB Lipton

[The association between mentally challenging occupations and incident dementia differs between non-Hispanic whites and African-Americans.](#)

2019 Alzheimer's Association International Conference (AAIC)

36. **A Ezzati**, R Lipton  
[Machine Learning Models Can Improve Efficiency of Alzheimer's Disease Clinical Trials.](#)  
2020 American Academy of Neurology (AAN)
37. **A Ezzati**, D Harvey, A Golzar, C Habeck, I Qureshi, A Zammit, RB Lipton  
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2020 American Academy of Neurology (AAN)
38. M Truelove-Hill, G Erus, R Pomponio, **A Ezzati**, J Doshi, M Habes, C Davatzikos  
[A predictive, modeling-based screening tool to enrich amyloid beta positivity in a cognitively normal sample](#)  
2020 Alzheimer's Association International Conference (AAIC)
39. **A Ezzati**, C Davatzikos, DA Wolk, PS Aisen, RB Lipton  
[Is it time to use predictive models to boost power of Alzheimer's disease clinical trials? A post-hoc analysis of phase 3 Solanezumab trials](#)  
2020 Alzheimer's Association International Conference (AAIC)
40. **A Ezzati**, DJ Harvey, C Davatzikos, M Truelove-Hill, C Davatzikos, RB Lipton  
[Prediction of longitudinal clinical outcomes of MCI population using Alzheimer's AT \[N\] biomarker profiling: Can machine learning methods improve our predictions?](#)  
2020 Alzheimer's Association International Conference (AAIC)
41. S Lam, RB Lipton, DJ Harvey, AR Zammit, **A Ezzati**  
[The association between white matter hyperintensities and cognitive function among individuals with different amyloid, tau, and neurodegeneration biomarker profiles](#)  
2021 AAIC Neuroscience Next
42. **A Ezzati**, RB Lipton  
[Predictors of cerebral tauopathy across the Alzheimer disease spectrum.](#)  
2021 AAIC Neuroscience Next
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[Predictors of cerebral tauopathy in individuals with normal cognition and amnesic mild cognitive impairment \(aMCI\)](#)  
2021 American Academy of Neurology (AAN)
44. S Lam, R Lipton, D Harvey, A Zammit, **A Ezzati**  
[Association Between White Matter Disease and Cognitive Function is Independent of Alzheimer's Disease Biomarker Profile](#)  
2021 American Academy of Neurology (AAN)
45. **A Ezzati**, K Fanning, D Buse, J Pavlovic, M Reed, R Lipton  
[Use of predictive modeling to determine treatment-response to OTC Medications in Acute Migraine: Results from the American Migraine Prevalence and Prevention Study \(AMPP\)](#)  
2021 American Academy of Neurology (AAN)
46. M Rubin-Norowitz, R Lipton, K Petersen, **A Ezzati**  
[The Relationship Between Depressive Symptoms and Cognitive Function in Non-Demented Older Adults Across Different Alzheimer's Disease Biomarker Profiles](#)  
2021 American Academy of Neurology (AAN)
47. **A Ezzati**, DC Buse, ML Reed, JM Pavlovic, CE Armand, KM Fanning, RB Lipton  
[Predicting treatment-response to prescription acute migraine medications](#)  
2021 American Headache Society (AHS)
48. **A Ezzati**, PM Thompson, C Davatzikos, DJ Harvey, RB Lipton  
[Predicting the risk of incident dementia in older adults: The ADNI-Dementia risk score](#)

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2021 Alzheimer's Association International Conference (AAIC)

49. K Petersen, E Grober, RB Lipton, RA Sperling, RF Buckley, **A Ezzati**  
[Cognition and hippocampal volume in amyloid positive clinically normal adults: Results from the A4 study](#)  
 2021 Alzheimer's Association International Conference (AAIC)
50. E Grober, RB Lipton, RA Sperling, KV Papp, KA Johnson, DM Rentz, **A Ezzati**  
[Associations of Stages of Objective Memory Impairment with Amyloid PET and Structural MRI: The A4 Study](#)  
 2022 American Academy of Neurology (AAN)
51. **A Ezzati**, KM Fanning, ML Reed, RB Lipton  
[Identifying predictors of treatment-response to different OTC medication classes in acute migraine](#)  
 2022 American Headache Society (AHS)
52. E Grober, KK Petersen, J Hassenstab, JC Morris, RB Lipton, **A Ezzati**  
[Stages of Objective Memory Impairment \(SOMI\) predicts incident cognitive impairment: Results from the Knight ADRC](#)  
 2022 Alzheimer's Association International Conference (AAIC)
53. C Wang, CO Nester, K Chang, LA Rabin, **A Ezzati**, RB Lipton, MJ Katz  
[Modality Matters for Health Disparity Groups on the Montreal Cognitive Assessment \(MoCA\): Findings from the Einstein Aging Study \(EAS\)](#)  
 2022 Alzheimer's Association International Conference (AAIC)
54. B Nallapu, KK Petersen, RB Lipton, D Harvey, **A Ezzati**  
[Comparison of Plasma-based Biomarkers and Cognitive Assessments in predicting progression of MCI to Dementia](#)  
 2022 Alzheimer's Association International Conference (AAIC)
55. B Nallapu, KK Petersen, RB Lipton, D Harvey, **A Ezzati**  
[Association of Cognition with Alcohol Consumption in Cognitively Unimpaired Older Adults: Results from the A4 study](#)  
 2022 Alzheimer's Association International Conference (AAIC)
56. KK Petersen, E Grober, RB Lipton, B Nallapu, **A Ezzati**  
[Assessing Risk of Incident Cognitive Impairment Using Stages of Objective Memory Impairment \(SOMI\) and Cerebrospinal Fluid](#)  
 2022 Alzheimer's Association International Conference (AAIC)
57. KK Petersen, RB Lipton, B Nallapu, **A Ezzati**  
[MRI-guided Clustering of Alzheimer's Disease patients: A post-hoc analysis of Phase 3 Trial of Solanezumab for Mild Dementia Due to Alzheimer's Disease](#)  
 2022 Alzheimer's Association International Conference (AAIC)
58. **A Ezzati**, KK Petersen, B Nallapu, C Davatzikos, D Wolk, LA Rabin, C Habeck, CB Hall, RB Lipton  
[Targeting the Correct Population for Trials: A Post-hoc Analysis of Trial of Solanezumab for Mild Dementia Due to Alzheimer's disease.](#)  
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59. **A Ezzati**, R Lipton, K Petersen  
[Simple risk scores for the prediction of brain  \$\beta\$ -amyloid and tau status in older adults with mild cognitive impairment](#)  
 2022 American Academy of Neurology (AAN)
60. **A Ezzati**, K Petersen, B Nallapu, R Lipton  
[Using Predictive Models to Reduce Heterogeneity in Alzheimer's Disease Clinical Trials](#)  
 2022 American Academy of Neurology (AAN)
61. **A Ezzati**, KK Petersen K, E Seng-Tamaccio E, P Goadsby P, D Buse D, RB Lipton  
[A Data-Driven Approach to Assess Clinical Heterogeneity in Migraine: Results of the American Migraine Prevalence and Prevention \(AMPP\) Study](#)

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2023 American Headache Society (AHS)

62. RB Lipton, AG De La Garza, C Wang, CA Derby, MJ Katz, MJ Sliwinski, **A Ezzati**  
[The Association of Blood-based biomarkers and Cognitive Change as Measured by Ecologically Sensitive Digital Biomarkers.](#)  
 2023 Alzheimer's Association International Conference (AAIC)
63. KK Petersen, B Nallapu, RB Lipton, **A Ezzati**  
[Impact of sex and ApoE4 on the longitudinal association of plasma ptau-181 and NFL with cognitive decline in non-demented older adults](#)  
 2023 Alzheimer's Association International Conference (AAIC)
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65. KK Petersen, B Nallapu, E Grober, C Davatzikos, RB Lipton, **A Ezzati**  
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73. I Demirsoy, E Ghanbarian, EK Seng, RB Lipton, **A Ezzati**  
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75. KK Petersen, BT Nallapu, I Demirsoy, RB Lipton, E Grober, L Rabin, **A Ezzati**  
[Investigating heterogeneity of cognitive and functional decline using Subtype and Stage Inference machine learning](#)  
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83. A Sarkar, E Ghanbarian, B Khorsand, K Fanning, A Urani, F Cadiou, **A Ezzati**  
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89. BT Nallapu, LA Rabin, RB Lipton, **A Ezzati**  
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