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Publications

PUBLICATIONS

- **Biomarkers.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Reese, M., Cooter, M., Roberts, K. C., Woldorff, M. G., Browndyke, J. N., Shaw, L. M., Waligorska, T., Zetterberg, H., Blennow, K., Berger, M.
2024; 20 Suppl 2: e089088
- **Auditory N1 event-related potential amplitude is predictive of serum concentration of BPN14770 in fragile X syndrome** *MOLECULAR AUTISM*
Norris, J. E., Berry-Kravis, E. M., Harnett, M. D., Reines, S. A., Reese, M. A., Outterson, A. H., Michalak, C., Furman, J., Gurney, M. E., Ethridge, L. E.
2024; 15 (1): 47
- **Corrigendum to "A real-time neurophysiologic stress test for the aging brain: Novel perioperative and ICU applications of EEG in older surgical patients"** *Neurotherapeutics 20 (4) (2023) 975-1000.* *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*
Berger, M., Ryu, D., Reese, M., McGuigan, S., Evered, L. A., Price, C. C., Scott, D. A., Westover, M. B., Eckenhoff, R., Bonanni, L., Sweeney, A., Babiloni, C.
2024: e00473
- **Prediction of Post-Operative Delirium in Older Adults from Preoperative Cognition and Alpha Power from Resting-State EEG.** *medRxiv : the preprint server for health sciences*
Ning, M., Rodionov, A., Ross, J. M., Ozdemir, R. A., Burch, M., Lian, S. J., Alsop, D., Cavallari, M., Dickerson, B. C., Fong, T. G., Jones, R. N., Libermann, T. A., Marcantonio, et al
2024
- **Auditory N1 event-related potential amplitude is predictive of serum concentration of BPN14770 in fragile x syndrome.** *Research square*
Norris, J. E., Berry-Kravis, E. M., Harnett, M. D., Reines, S. A., Reese, M. A., Outterson, A. H., Michalak, C., Furman, J., Gurney, M. E., Ethridge, L. E.
2024
- **Cognitive and Cerebrospinal Fluid Alzheimer's Disease-related Biomarker Trajectories in Older Surgical Patients and Matched Nonsurgical Controls** *ANESTHESIOLOGY*
Reese, M., Wong, M. K., Cheong, V., Ha, C. I., Wright, M., Browndyke, J., Moretti, E., Devinney, M. J., Habib, A. S., Moul, J. W., Shaw, L. M., Waligorska, T., Whitson, et al
2024; 140 (5): 963-978
- **Preoperative electroencephalographic alpha-power changes with eyes opening are associated with postoperative attention impairment and inattention-related delirium severity** *BRITISH JOURNAL OF ANAESTHESIA*
Acker, L., Wong, M. K., Wright, M. C., Reese, M., Giattino, C. M., Roberts, K. C., Au, S., Colon-Emeric, C., Lipsitz, L. A., Devinney, M. J., Browndyke, J., Eleswarpu, S., Moretti, et al
2024; 132 (1): 154-163
- **Changes in Brain Activity Immediately Post-Exercise Indicate a Role for Central Fatigue in the Volitional Termination of Exercise.** *International journal of exercise science*

Chesbro, G. A., Owens, C., Reese, M., DE Stefano, L., Kellawan, J. M., Larson, D. J., Wenger, M. J., Larson, R. D.

2024; 17 (1): 220-234

● **EEG pre-burst suppression: characterization and inverse association with preoperative cognitive function in older adults** *FRONTIERS IN AGING NEUROSCIENCE*

Reese, M., Christensen, S., Anolick, H., Roberts, K. C., Wong, M. K., Wright, M., Acker, L., Browndyke, J. N., Woldorff, M. G., Berger, M., MADCO-PC & INTUIT Investigators

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● **Perioperative changes in neurocognitive and Alzheimer's disease-related cerebrospinal fluid biomarkers in older patients randomised to isoflurane or propofol for anaesthetic maintenance** *BRITISH JOURNAL OF ANAESTHESIA*

Villalobos, D., Reese, M., Wright, M., Wong, M., Syed, A., Park, J., Hall, A., Browndyke, J. N., Martucci, K. T., Devinney, M. J., Acker, L., Moretti, E. W., Talbot, et al

2023; 131 (2): 328-337

● **A Real-Time Neurophysiologic Stress Test for the Aging Brain: Novel Perioperative and ICU Applications of EEG in Older Surgical Patients** *NEUROTHERAPEUTICS*

Berger, M., Ryu, D., Reese, M., McGuigan, S., Evered, L. A., Price, C. C., Scott, D. A., Westover, M., Eckenhoff, R., Bonanni, L., Sweeney, A., Babiloni, C.

2023; 20 (4): 975-1000

● **Intraoperative Anesthetic Probes of Brain Health: Ketamine as a Canary in the Coal Mine?** *Anesthesia and analgesia*

Reese, M., Heifets, B. D., Berger, M.

2022; 135 (4): 679-682

● **Machine learning XGBoost classification of postoperative delirium by intraoperative EEG metrics**

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● **Cognitive and cerebrospinal fluid Alzheimer's Disease biomarker changes over time in older surgical patients and matched nonsurgical controls**

Wong, M., Reese, M., Cooter, M., Browndyke, J. N., Mathew, J. P., Cohen, H. J., Whitson, H. E., Berger, M.

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● **Preoperative EEG Inattention Signatures and Postoperative Delirium**

Acker, L., Au, S., Roberts, K., Giattino, C., Moretti, E., Devinney, M., Reese, M., Cohen, H. J., Mathew, J. P., Woldorff, M. G., Whitson, H. E., Berger, M.

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● **Postoperative changes in cognition and cerebrospinal fluid neurodegenerative disease biomarkers** *ANNALS OF CLINICAL AND TRANSLATIONAL NEUROLOGY*

Berger, M., Browndyke, J. N., Wright, M., Nobuhara, C., Reese, M., Acker, L., Bullock, W., Colin, B. J., Devinney, M. J., Moretti, E. W., Moul, J. W., Ohlendorf, B., Laskowitz, et al

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