

2024 Traumatic Brain Injury Center of Excellence Publications Catalog

The purpose of this document is to highlight the calendar year 2024 TBICoE publications; increase awareness of the TBICoE research and surveillance initiatives; and assist in the planning of future brain health efforts. This document contains figures that visually categorize the publications, as well as publication titles (organized by category or primary topic) with embedded hyperlinks to the corresponding [PubMed](#) articles.

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Publication Metrics Overview

The figures below represent various metrics for TBICoE articles published in calendar year 2024. Among the data points highlighted are the distribution of articles by publication topic, month, journal, and research portfolio study, as well as the journal impact factors.

Figure 1: Number of Articles Published per TBI-Related Topic

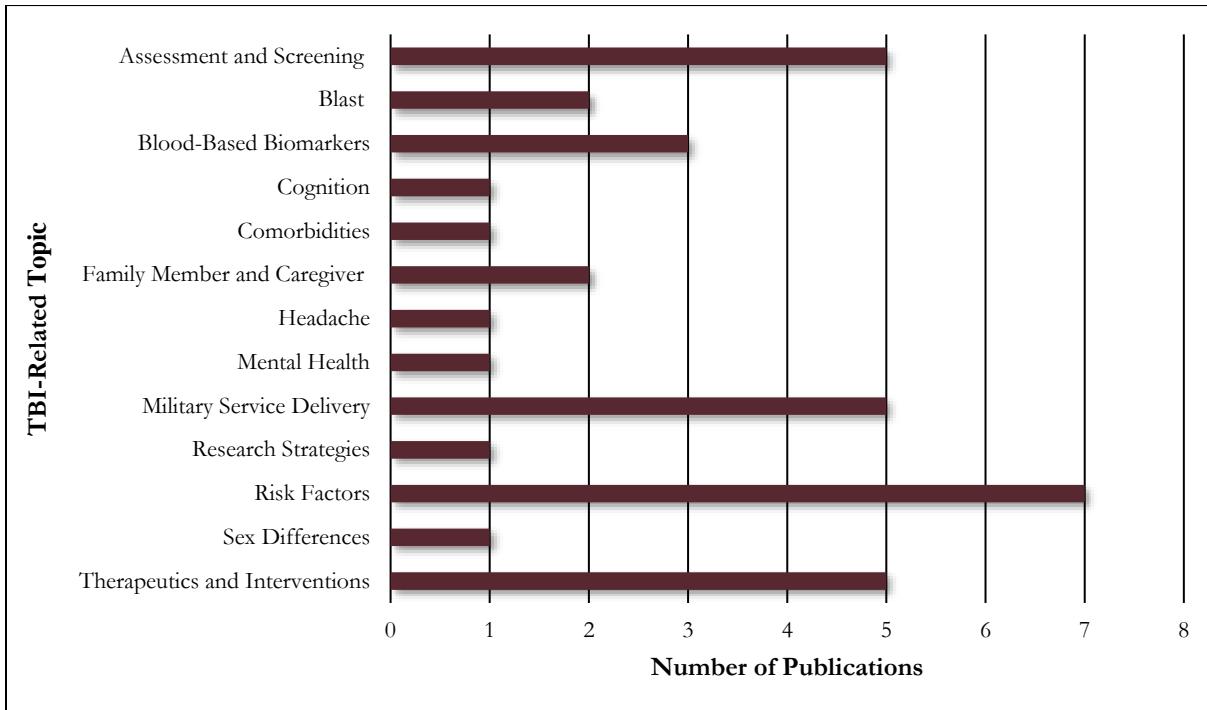


Figure 2: Number of Articles Published per Month

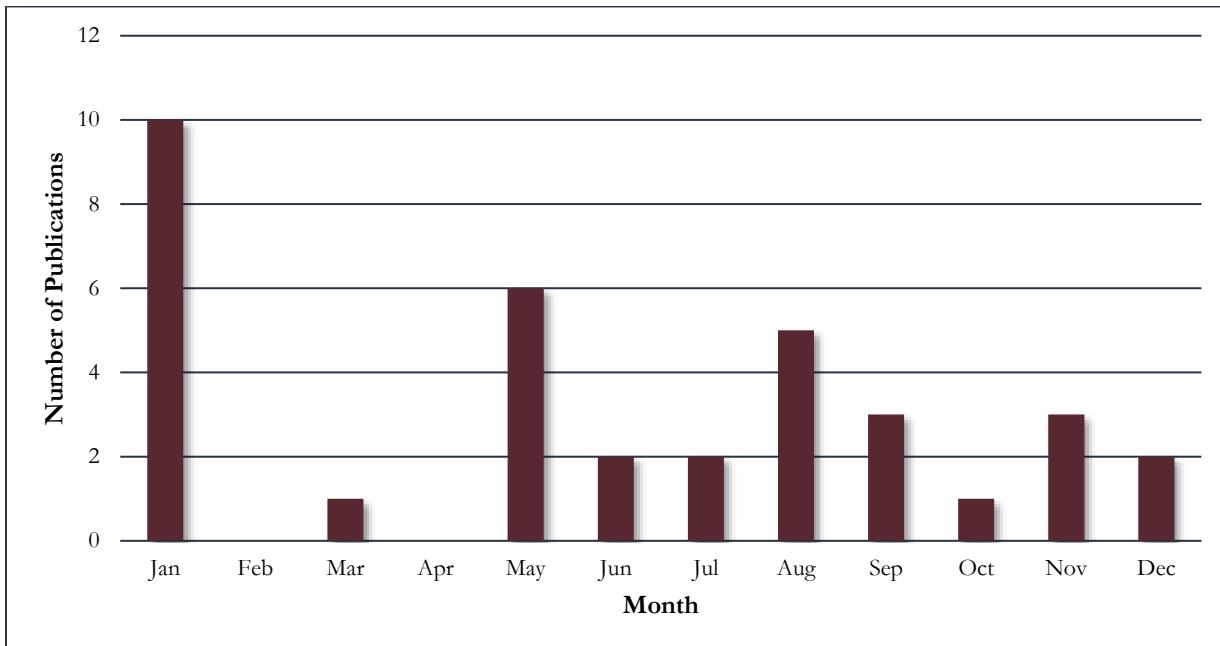
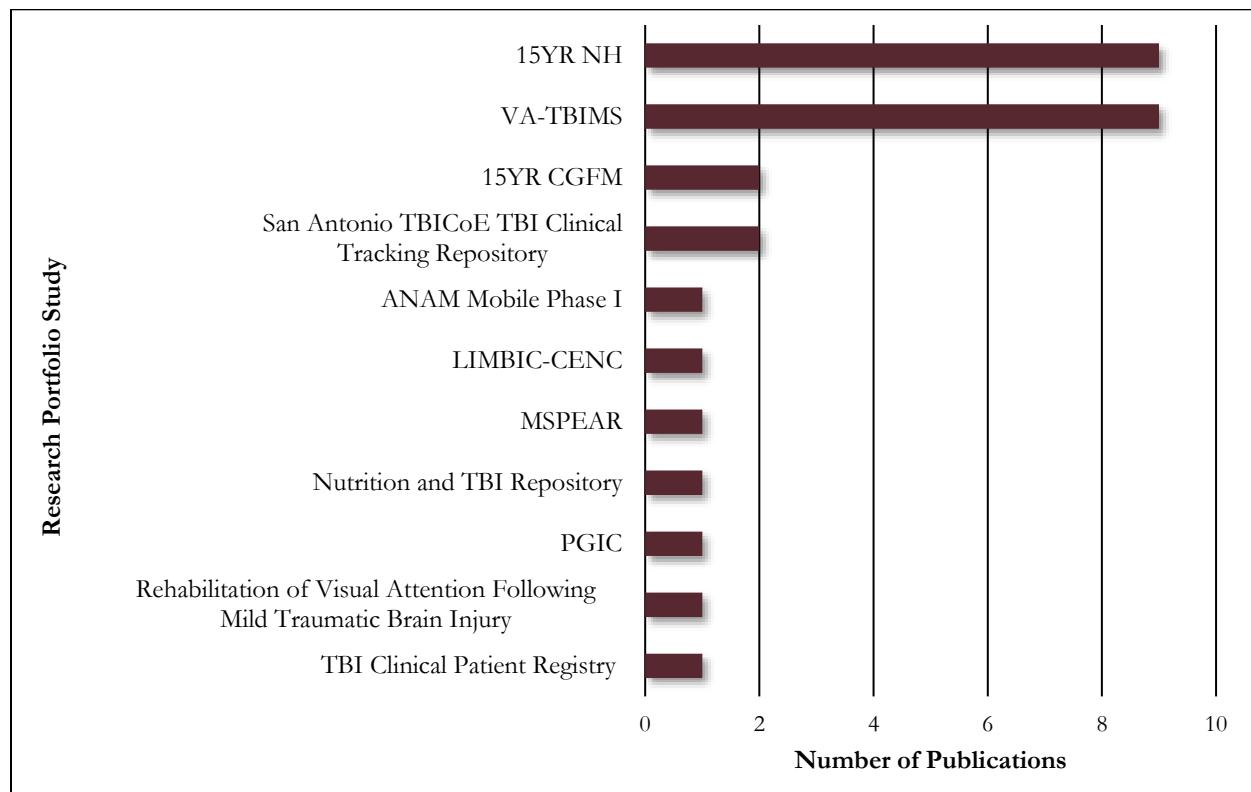


Figure 3: Number of Articles Published per Research Portfolio Study

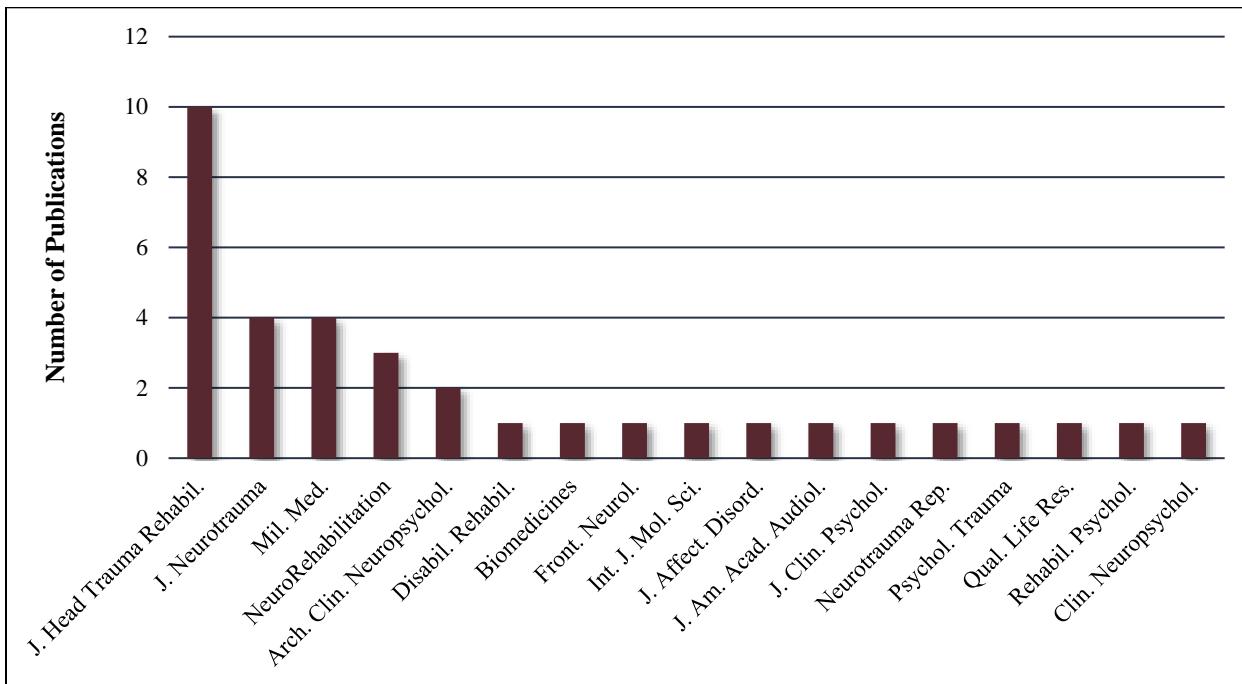
Research portfolio study names and their common abbreviations are provided below the figure.



- **15YR NH:** Defense and Veterans Brain Injury Center-Traumatic Brain Injury Center of Excellence 15-Year Natural History Study
- **VA-TBIMS:** Veterans Affairs TBI Model Systems
- **15YR CGFM:** DVBIC-TBICoE 15-Year Caregiver and Family Member Study
- **ANAM:** Automated Neuropsychological Assessment Metrics Mobile Phase I
- **LIMBIC-CENC:** Long-Term Impact of Military-Relevant Brain Injury Consortium Chronic Effects of Neurotrauma Consortium
- **MSPEAR:** Mindfulness-Based Stress, Pain, Emotion, And Attention Regulation
- **PGIC:** Patient Global Impression of Change Study

Figure 4: Number of Articles Published per Journal

The official journal titles and their common abbreviations are provided below the figure.



- The Journal of Head Trauma Rehabilitation (J. Head Trauma Rehabil.)
- Journal of Neurotrauma (J. Neurotrauma)
- Military Medicine (Mil. Med.)
- NeuroRehabilitation
- Archives of Clinical Neuropsychology: The Official Journal of the National Academy of Neuropsychologists (Arch. Clin. Neuropsychol.)
- Disability and Rehabilitation (Disabil. Rehabil.)
- Biomedicines
- Frontiers in Neurology (Front. Neurol.)
- International Journal of Molecular Science (Int. J. Mol. Sci.)
- Journal of Affective Disorders (J. Affect. Disord.)
- Journal of the American Academy of Audiology (J. Am. Acad. Audiol.)
- Journal of Clinical Psychology (J. Clin. Psychol.)
- Neurotrauma Reports (Neurotrauma Rep.)
- Psychological Trauma: Theory, Research, Practice and Policy (Psychol. Trauma)
- Quality of Life Research: An International Journal of Quality of Life Aspects of Treatment, Care and Rehabilitation (Qual. Life Res.)
- Rehabilitation Psychology (Rehabil. Psychol.)
- The Clinical Neuropsychologist (Clin. Neuropsychol.)

Table 1: Impact Factor of Journals That Published TBICoE Articles

Impact factors for 2024 are not available for all journals. The impact factors reported here are based on the journal's 2023 metrics.

JOURNAL	IMPACT FACTOR
International Journal of Molecular Science	4.9
Journal of Affective Disorders	4.9
Journal of Neurotrauma	3.9
Biomedicines	3.9
Quality of Life Research: An International Journal of Quality of Life Aspects of Treatment, Care and Rehabilitation	3.3
The Clinical Neuropsychologist	3.0
Frontiers in Neurology	2.7
Psychological Trauma: Theory, Research, Practice and Policy	2.7
Journal of Clinical Psychology	2.5
The Journal of Head Trauma Rehabilitation	2.4
Archives of Clinical Neuropsychology	2.1
Disability and Rehabilitation	2.1
Rehabilitation Psychology	1.9
Neurotrauma Reports	1.8
NeuroRehabilitation	1.7
Military Medicine	1.2
Journal of the American Academy of Audiology	1.0
Average Impact Factor	2.7

TBICoE Publication Titles

Each publication title includes an embedded hyperlink. Click on the individual publication title to view the article on PubMed.

Assessment & Screening

1. [The Patient Global Impression of Change as a Complementary Tool to Account for Neurobehavioral and Mental Health Symptom Improvement for Patients with Concussion](#)
2. [Research Letter: Retrograde Amnesia and Posttraumatic Amnesia in Service Members and Veterans with Remote History of Traumatic Brain Injury](#)
3. [Accuracy of Reaction Time Measurement on Automated Neuropsychological Assessment Metric UltraMobile](#)
4. [Potential Applications and Ethical Considerations for Artificial Intelligence in Traumatic Brain Injury Management](#)
5. [Normative Ranges for Oculomotor and Reaction Time Tests in U.S. Military Service Members and Veterans](#)

Blast

6. [Lifetime Blast Exposure is Not Related to Cognitive Performance or Psychiatric Symptoms in U.S. Military Personnel](#)
7. [Cumulative Blast Exposure During a Military Career Negatively Impacts Recovery from Traumatic Brain Injury](#)

Blood-Based Biomarkers

8. [Serum GFAP, NfL, and Tau Concentrations are Associated with Worse Neurobehavioral Functioning Following Mild, Moderate, and Severe Traumatic Brain Injury: A Cross-Sectional Multiple-Cohort Study](#)
9. [Long Noncoding RNA VLDLR-AS1 Levels in Serum Correlate with Combat-Related Chronic Mild Traumatic Brain Injury and Depression Symptoms in U.S. Veterans](#)
10. [Biofluid, Imaging, Physiological, and Functional Biomarkers of Mild Traumatic Brain Injury and Subconcussive Head Impacts](#)

Cognition

11. [Examining the Discrepancy between Subjective Cognitive Complaints and Processing Speed Performance in Military Personnel with Traumatic Brain Injury](#)

Comorbidities

12. [Clinical Trajectories of Comorbidity Associated with Military-Sustained Mild Traumatic Brain Injury: Pre- and Post-Injury](#)

Family Members & Caregivers

13. Low Resilience Is Associated with Worse Health-Related Quality of Life in Caregivers of Service Members and Veterans with Traumatic Brain Injury: A Longitudinal Study
14. Family Caregivers of Service Members in United States Department of Defense Health Care Report Impairment in Longitudinal Health Outcomes

Headache

15. The Influence of Neck Pain and Sleep Quantity on Headache Burden in Service Members With and Without Mild Traumatic Brain Injury: An Observational Study

Mental Health

16. Clinical Relevance of Subthreshold PTSD Versus Full Criteria PTSD Following Traumatic Brain Injury in U.S. Service Members and Veterans

Military Service Delivery

17. Provider Perspectives of Facilitators and Barriers to Reaching and Utilizing Chronic Pain Health Care for Persons with Traumatic Brain Injury: A Qualitative National Institute on Disability, Independent Living, and Rehabilitation Research and Veterans Affairs Traumatic Brain Injury Model Systems Collaborative Project
18. Provider Perceived Facilitators and Barriers to Identifying, Perceiving, and Seeking Health Care for Chronic Pain After Traumatic Brain Injury: A Qualitative National Institute on Disability, Independent Living, and Rehabilitation Research and Veterans Affairs Traumatic Brain Injury Model Systems Collaborative Project
19. Stakeholder Engagement to Identify Implementation Strategies to Overcome Barriers to Delivering Chronic Pain Treatments: A National Institute on Disability, Independent Living, and Rehabilitation Research and Veterans Affairs Traumatic Brain Injury Model Systems Collaborative Project
20. Service Needs and Neurobehavioral Functioning Following Traumatic Brain Injury in U.S. Military Personnel
21. TBICoE Approach to Concussion Rehabilitation in Service Members and Veterans

Research Strategies

22. Informing Our Understanding of Chronic Pain Epidemiology, Extreme Outcomes, and Healthcare Access Among Persons With Hospitalized Traumatic Brain Injury: A National Institute on Disability, Independent Living, and Rehabilitation Research and Veterans Affairs Traumatic Brain Injury Model Systems Collaborative Project

Risk Factors

23. Associations of Chronic Pain With Psychosocial Outcomes After Traumatic Brain Injury: A National Institute on Disability, Independent Living, and Rehabilitation Research and Veterans Affairs Traumatic Brain Injury Model Systems Collaborative Project
24. Characterization and Treatment of Chronic Pain After Traumatic Brain Injury-Comparison of Characteristics Between Individuals with Current Pain, Past Pain, and No Pain: A National Institute on Disability, Independent Living, and Rehabilitation Research and Veterans Affairs Traumatic Brain Injury TBI Model Systems Collaborative Project
25. The Interaction of Opiate Misuse and Marijuana Use on Behavioral Health Outcomes Using the Traumatic Brain Injury Model Systems Pain Collaborative Dataset
26. Symptomatic Recovery From Concussion In Military Service Members With and Without Associated Bodily Injuries
27. Predictors of Psychiatric Hospitalization After Discharge From Inpatient Neurorehabilitation for Traumatic Brain Injury
28. Mortality Among Veterans Following Traumatic Brain Injury: A Veterans Affairs Traumatic Brain Injury Model System Study
29. Mechanisms of Injury for Traumatic Brain Injury Among U.S. Military Service Members Before and During the COVID-19 Pandemic

Sex Differences

30. Gender Disparities in Neurobehavioral Symptoms and the Role of Post-Traumatic Symptoms in U.S. Service Members Following Mild Traumatic Brain Injury

Therapeutics & Interventions

31. A Brief Mindfulness-Based Intervention For Stress, Pain, Emotion, and Attention Regulation in Military Service Members with Mild Traumatic Brain Injury
32. Benzodiazepine Prescription Patterns After Mild Traumatic Brain Injury in U.S. Military Service Members
33. Efficacy of Computerized vs. Traditional Cognitive Interventions for the Treatment of Chronic Mild Traumatic Brain Injury Symptoms Among Service Members
34. The Role of Nutrition in Mild Traumatic Brain Injury Rehabilitation for Service Members and Veterans
35. Traumatic Brain Injury Rehabilitation for Warfighters with Post-Traumatic Stress

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