DATE:

CLIENT:

EXPERT:

MANAGING EDITOR:

**Academic Language Experts - Journal Recommendation Report**

**TITLE OF STUDY**

**Association Between Blood Manganese and Cognitive Function in a National Representative Survey**

**SHORT DESCRIPTION OF THE STUDY**

**This original research article assessed the association between the manganese levels, as estimated by blood manganese concentration, and cognitive function. Three tests were used to evaluate cognitive function: Animal Fluency Test, Digit Symbol Substitution Test (DSST), and the Consortium to Establish a Registry for Alzheimer’s Disease (CERAD) word learning subset. Using a cross-sectional design, the study investigated US citizens between 60 and 80 years of age. No consistent associations were found between low levels of blood manganese concentrations and a reduced cognitive function.**

**COMMENTS**

**These journals have been selected in accordance with the University of Haifa information on publishing and open access agreements available** [**here**](https://lib.haifa.ac.il/index.php/en/research-teaching-eng/research-teaching-eng-1/open-access-eng)**. Because the article was previously submitted to the *International Journal of Hygiene and Environmental Health*, I have used the impact score/overall ranking of this journal (Web of Science Impact Factor: 3.411; Journal Citation Reports Impact Factor: 7.401; Impact Score: 6.62) as a guide when selecting the possible submission journals. I have, however, included one journal (*Environmental Health Perspectives*) with a much higher JCR impact factor. All of these journals should have no article-processing charges and be open access. All journals have published articles in relation to diet/nutrition or toxicity and disease, particularly neurological disease.**

| **Journal** | **Journal Background, Scope/Aims & Publication Frequency** | **Quartile & Impact Factor[[1]](#endnote-1)** | **Examples of Related Articles** | **Submission Guidelines & Word Limits** |
| --- | --- | --- | --- | --- |
| [*Environmental Health Perspectives*](https://ehp.niehs.nih.gov/) | 12 issues per year  *Environmental Health Perspectives* aspires to be the recognized leader at the intersection of advances in environmental health sciences and scholarly publishing.  **Mission**  Our mission is to advance knowledge and contribute to public health through timely publication and effective dissemination of high-impact scientific content in the environmental health sciences.  **Goals**  We strive to achieve our vision and mission through the attainment of three overarching goals:  Goal 1: Attract and publish novel, high-quality research contributions from all disciplines comprising the environmental health sciences.  Goal 2: Communicate and promote environmental health research findings and knowledge to a broad array of stakeholders.  Goal 3: Foster development of an innovative, diverse, international community of contributors in the environmental health sciences.  We publish on a continuous publication basis—each article goes online as soon as it is ready. | Quartile: Q1  Journal Citation Reports Impact Factor: 11.035  Web of Science Impact Factor: 9.031  Impact Score: 7.31 | Bouchard et al., Hair manganese and hyperactive behaviors: pilot study of school-age children exposed through tap water. 2007;115:122-127  [cited in article]  Riojas-Rodríguez et al., Intellectual function in Mexican children living in a mining area and environmentally exposed to manganese. Environmental health perspectives, 2010;118:1465-1470  [cited in article]  Wasserman et al., Water manganese exposure and children’s intellectual function in Araihazar, Bangladesh. 2006;114:124-129  [cited in article]  Mora et al., Prenatal mancozeb exposure, excess manganese, and neurodevelopment at 1 year of age in the Infants’ Environmental Health (ISA) Study, 2018;126:057007  Trottier et al., Residential proximity to metal-containing superfund sites and their potential as a source of disparities in metal exposure among U.S. women, 2023;131:37701 | [Submission Guidelines](https://ehp.niehs.nih.gov/authors/preparing-your-manuscript)   * Active voice * Continuous line numbering * American English * Words counts for research articles of ≤ 300 words for abstract (structured : Background, Objectives, Methods, Results, Discussion) and < 7000 words for main text * Detailed guidelines for all main text components (i.e., Introduction, Methods, Results, Discussion) * AMA reference style (superscript numbered citations) * Standard table style: tables will be formatted to meet journal style upon acceptance * Figure guidelines available [here](https://ehp.niehs.nih.gov/authors/figures) |
| [*European Journal of Neurology*](https://onlinelibrary.wiley.com/journal/14681331) | 12 issues per year  Average time from submission to first decision - 5 weeks  **Overview**  The *European Journal of Neurology* is the official journal of the European Academy of Neurology and covers all areas of clinical and basic research in neurology, including pre-clinical research of immediate translational value for new potential treatments. Emphasis is placed on major diseases of large clinical and socio-economic importance (dementia, stroke, epilepsy, headache, multiple sclerosis, movement disorders, and infectious diseases) | Quartile: Q1  Journal Citation Reports Impact Factor: 6.288  Web of Science Impact Factor: 6.089  Impact Score: 5.13 | Maraki et al., Mediterranean diet is associated with a lower probability of prodromal Parkinson's disease and risk for Parkinson's disease/dementia with Lewy bodies: A longitudinal study, 2023;30:934-942  Adebamowo et al., Multivitamin use and risk of stroke incidence and mortality amongst women, 2017;24:1266-1273  Simpson-Yap et al., Higher-quality diet and non-consumption of meat are associated with less self-determined disability progression in people with multiple sclerosis: A longitudinal cohort study, 2022;29:225-236  Jelinek et al., Self-reported cognitive function in a large international cohort of people with multiple sclerosis: associations with lifestyle and other factors, 2019;26:142-154 | [Submission Guidelines](https://onlinelibrary.wiley.com/page/journal/14681331/homepage/forauthors.html)   * Word counts for Original Articles of 250 words for abstract (structured: Background, Methods, Results, Conclusions) and 3500 for main text * Short running title ≤ 40 characters * Up to 5 keywords * British or US English accepted * AMA reference style * Standard table requirements * Figures requirements available [here](http://media.wiley.com/assets/7323/92/electronic_artwork_guidelines.pdf) |
| [*Annals of the New York Academy of Sciences*](https://nyaspubs.onlinelibrary.wiley.com/journal/17496632) | 12 issues per year  **Overview**  *Annals of the New York Academy of Sciences* is an international science journal published monthly in many areas of science, though predominantly the biological sciences… [It] provides multidisciplinary perspectives on research of current scientific interest with far-reaching implications for the wider scientific community and society at large. | Quartile: Q1  Journal Citation Reports Impact Factor: 6.499  Web of Science Impact Factor: 5.691  Impact Score: 6.18 | Thaung Zaw et al., Does phytoestrogen supplementation improve cognition in humans? A systematic review, 2017;1403:150-163Tucker, Nutrient intake, nutritional status, and cognitive function with aging, 2016;1367:38-49Vosti et al., Impacts of micronutrient intervention programs on effective coverage and lives saved: Modeled evidence from Cameroon, 2023;1519:199-210Mitra-Ganguli et al., The global regulatory framework for the commercialization of nutrient enriched biofortified foods, 2022;1517:154-166 | [Submission Guidelines](https://nyaspubs.onlinelibrary.wiley.com/hub/journal/17496632/author-guidelines.html)   * American English * Word counts for Original Articles of 200 words for abstract (unstructured) and 3500 for main text * Up to 7 keywords * Graphical abstract required: A brief summary of the article with a maximum of 70 words; include an uploaded hi-resolution figure to accompany the GA, or suggest one of the paper’s figures as the image to be included * Methods: Research Resource Identifiers must be used for materials * APA reference style: superscript numbers in text * No strict guidelines on figure preparation for initial submission * If accepted, figure requirements are available [here](https://authorservices.wiley.com/asset/photos/electronic_artwork_guidelines.pdf) * Other requirements: Data Availability Statement, IRB Statement, Author Contributions |
| [*Open Biology*](https://royalsocietypublishing.org/journal/rsob) | 12 issues per year  Turnaround time of 4 weeks from submission to first decision  This open access Royal Society journal that welcomes original, high impact research in cell and developmental biology, molecular and structural biology, biochemistry, neuroscience, immunology, microbiology and genetics  Selection criteria include original, high quality research of broad interest within cell and developmental biology, molecular and structural biology, biochemistry, neuroscience, immunology, microbiology or genetics | Quartile: Q1  Journal Citation Reports Impact Factor: 7.124  Web of Science Impact Factor: 6.411  Impact Score: 6.44 | Wen et al., Crossroads between membrane trafficking machinery and copper homeostasis in the nerve system, 2021;11:210128  Ney et al., Short chain fatty acids: key regulators of the local and systemic immune response in inflammatory diseases and infections, 2023;13:230014  Veurink et al., Role of antioxidants and a nutrient rich diet in Alzheimer's disease, 2020;10:200084  Perner et al., Lyme disease transmission by severely impaired ticks, 2022;12:210244 | [Submission Guidelines](https://royalsocietypublishing.org/rsob/for-authors)   * Allows “format-free initial submission”, which means that initial submissions do not need to adhere exactly to the journal requirements * British English only * Limits of 200 words for abstract (unstructured) but no limits on word count for main text * Between 3 and 6 keywords * Vancouver style referencing with numbers in square brackets in text * At initial submission, figures can be provided within the manuscript or as separate files * Figures and tables will be resized and text styles and labeling will be updated to meet journal style |
| [*Public Health Nutrition*](https://www.cambridge.org/core/journals/public-health-nutrition) | 12 issues per year  **Aims and Scope**  *Public Health Nutrition* provides an international peer-reviewed forum for the publication and dissemination of research and scholarship aimed at understanding the causes of, and approaches and solutions to, nutrition-related public health achievements, situations and problems around the world… The journal is of interest to epidemiologists and health promotion specialists interested in the role of nutrition in disease prevention; academics and those involved in fieldwork and the application of research to identify practical solutions to important public health problems. | Quartile: Q1  Journal Citation Reports Impact Factor: 4.539  Web of Science Impact Factor: 4.022  Impact Score: 3.16 | Nguyen et al., Red meat consumption is associated with prediabetes and diabetes in rural Vietnam: a cross-sectional study, 2023;26:1006-1013  Suhi et al., Pre-pregnancy exposure to arsenic in diet and non-cardiac birth defects, 2022;26:1-13  Asfura-Carrasco et al., Healthful and unhealthful provegetarian food patterns and micronutrient intake adequacy in the SUN cohort, 2022;26:1-12  Zarate-Ortiz et al., Depressive symptoms among Mexican adolescent girls in relation to iron status, anaemia, body weight and pubertal status: results from a latent class analysis, 2022. doi: 10.1017/S1368980022001203  Xu et al., Association of dietary intake of branched-chain amino acids with long-term risks of CVD, cancer and all-cause mortality, 2021;25:1-11 | [Submission Guidelines](https://www.cambridge.org/core/journals/public-health-nutrition/information/author-instructions)   * British English * Structured abstract of no more than 250 words: Objective, Design, Setting, Participants, Results, Conclusions. * Graphical abstract suggested * Up to 4 keywords * Research Articles should be no more than 5000 words * References for all paper types (except for systematic reviews) should be limited to 50 * Typescripts should be prepared with 1.5 line spacing and wide margins (2 cm), the preferred font being Times New Roman size 12. Submissions should be in Word * Continuous line and page numbering required * Title page submitted as a separate file to enable double-blind reviewing * Title page: running title, not exceeding 45 characters (including letters and spaces) in length * Authorship statement * Detailed but largely standard requirements for tables * Figures should be supplied as separate electronic files * References: superscript Arabic numerals in parentheses * Vancouver style referencing |
| [*BioFactors*](https://iubmb.onlinelibrary.wiley.com/journal/18728081) | 6 issues per year  **Aims and Scope**  *BioFactors* publishes research dealing with the identification of new substances—known as biofactors—and the elucidation of their functions at the biophysical, biochemical, cellular and human level. The scope of *BioFactors* encompasses the evolving definition of biofactors and includes a wide range of substances such as cytokines, chemokines, hormones, transcription factors, signaling molecules, vitamins, micronutrients, phytochemicals, minerals, among others.  **Keywords**  Biochemistry: bioengineering; vitamins; minerals; free radicals; trace elements | Quartile: Q1 (but Q2 for Molecular Medicine)  Journal Citation Reports Impact Factor: 6.438  Web of Science Impact Factor: 6.113  Impact Score: 6.02 | Finley et al., Manganese deficiency and toxicity: are high or low dietary amounts of manganese cause for concern? BioFactors, 1999;10: 15-24  [cited in article]  González-Domínguez et al., Trace elements as potential modulators of puberty-induced amelioration of oxidative stress and inflammation in childhood obesity, 2023, doi: 10.1002/biof.1946  Brewer, Copper excess, zinc deficiency, and cognition loss in Alzheimer's disease, 2012;38:107-113  Vratarić et al., Fructose diet ameliorates effects of macrophage migration inhibitory factor deficiency on prefrontal cortex inflammation, neural plasticity, and behavior in male mice, 2023;49:90-107 | [Submission Guidelines](https://iubmb.onlinelibrary.wiley.com/hub/journal/18728081/author-guidelines.html)   * American English or British English but not both * Double-spaced with 30-40 mm margins * Brief, informative abstract * No word counts mentioned * Five to ten keywords * Graphical abstract required. Authors must provide images that clearly represent the work described in the article. Please supply an image that is colorful, mostly square and of high enough quality for online publication * References should be cited in the text in numerical order in parentheses (e.g. (1) or (1-3)) * Figures must be submitted in TIFF or JPEG format * Tables should be submitted as separate files |

1. Source for quartiles & impact factors: <https://www.resurchify.com/if/impact-factor-search> and <https://www.scijournal.org/> [↑](#endnote-ref-1)