PUBLISHING FOOD COMPOSITION DATA

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Journal of Food Composition and Analysis

MULTIPLE LEVELS

- Wide audience; data and interpretation
- Popular reference; data & applications
- Professional reference; data plus technical details (methods, stats)
- General scientific
- International, peer-reviewed scientific

8th International Food Data Conference
October 1-3, 2009
Bangkok, Thailand
Technical Requirements: The Format

- Abstract
- Introduction
- Materials and Methods
- Results
- Discussion
- Conclusion
- References
- Tables and Figures

The Abstract

- Brief; usually 300 words
- Concise and informative
- Contains data and significance
- Most important results / conclusions
- No citations
- Most important for author credibility -- world-wide distribution
The Introduction

- Establish relevance
- Review historic / relevant literature
- Establish originality and purpose

Materials and Methods

- Most important for editor credibility
- Reason for most rejections
- Key features
  - Sample collection/prep/storage
  - Number of samples/extractions
  - Number of analytical replicates
  - Instrument/reagent/experimental conditions
  - QA/QC procedures
  - Statistics used
General Style

- SI System
- Abbreviations without definitions
  - AOAC, HPLC, g
- British vs American spelling
- Conventions
  - IUPAC / IUBMB (joint commission)
  - ISO / AOAC / Codex Alimentarius
  - IUNS (nutrient nomenclature)
  - INFOODS

Journal of Food Composition and Analysis

This journal is devoted to all scientific aspects of the chemical composition of human foods, and emphasizes new methods of analysis; data on composition of foods; studies on the manipulation, storage, distribution, and use of food composition data; and studies on the statistics and distribution of such data and data systems.
JFCA: Themes

- Special issues of peer-reviewed papers from Conferences
  - International Food Data Conferences / National Nutrient Databank Conferences
  - International year of rice
  - Biodiversity & Nutrition: A common path
  - The essential balance: risks and benefits in food safety and quality
  - Wine: nutrients, bioactive non-nutrients and more
  - International year of the potato

JFCA: expanding the field

- Categories of papers
  - Original Research
  - Critical Review
  - Study Review
  - Report
  - Short Communication
  - Commentary
  - Editorial
**Specific Style : JFCA**

- INFOODS tagnames
- No “carbohydrate by difference”
- No crude fibre
- Define all aggregations & calculations
  - N vs protein
  - Fibre by definition and method
  - Energy with factors
- Significant digits convention
- Dry matter vs wet weight

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**Authors’ ethics**

- Original papers only
- Has not been published or is not under consideration by another journal
- Approved by all authors and institution where the work was carried out
- Sources cited as “personal communications” have approved such citation.
**Rejection**

- Out of scope
- Non-compliance with Guide for Authors
- Bad English (pre-screening)
- Lacking in originality or international relevance (last para of intro)
  - Insufficient number of samples collected, analysed
  - Lack of qa/qc reported
  - Ambiguous replicates (samples, analytical)
  - Statistics
  - Poor experimental design

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Led by FAO, the goal of AGORA is to improve the quality and effectiveness of agricultural research, education and training in low-income countries, and in turn, to improve food security – 1278 journals.

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- Bangladesh, Cameroon, Ghana, Kenya,
- Myanmar, Nigeria, Paraguay, Vietnam

**Band 2: Low cost, many developing countries**

http://www.aginternetwork.org/
Special Issue: 8th IFDC

- Guest editor: Prapasri Puwastien
- Peer review
- Follow guide for authors
- Submit through EES
- Select label “8th IFDC”
- On or before 6 November
- Update your profile, with particular attention to your “keywords”

Thank you

http://ees.elsevier.com/jfca/

Remember deadline:
On or before 6 Nov 2009