

Supplementary Information

Global Research Trends in Aquatic Stress Transcriptomics and Genomics: A Bibliometric and Science-Mapping Analysis, 2005–2025

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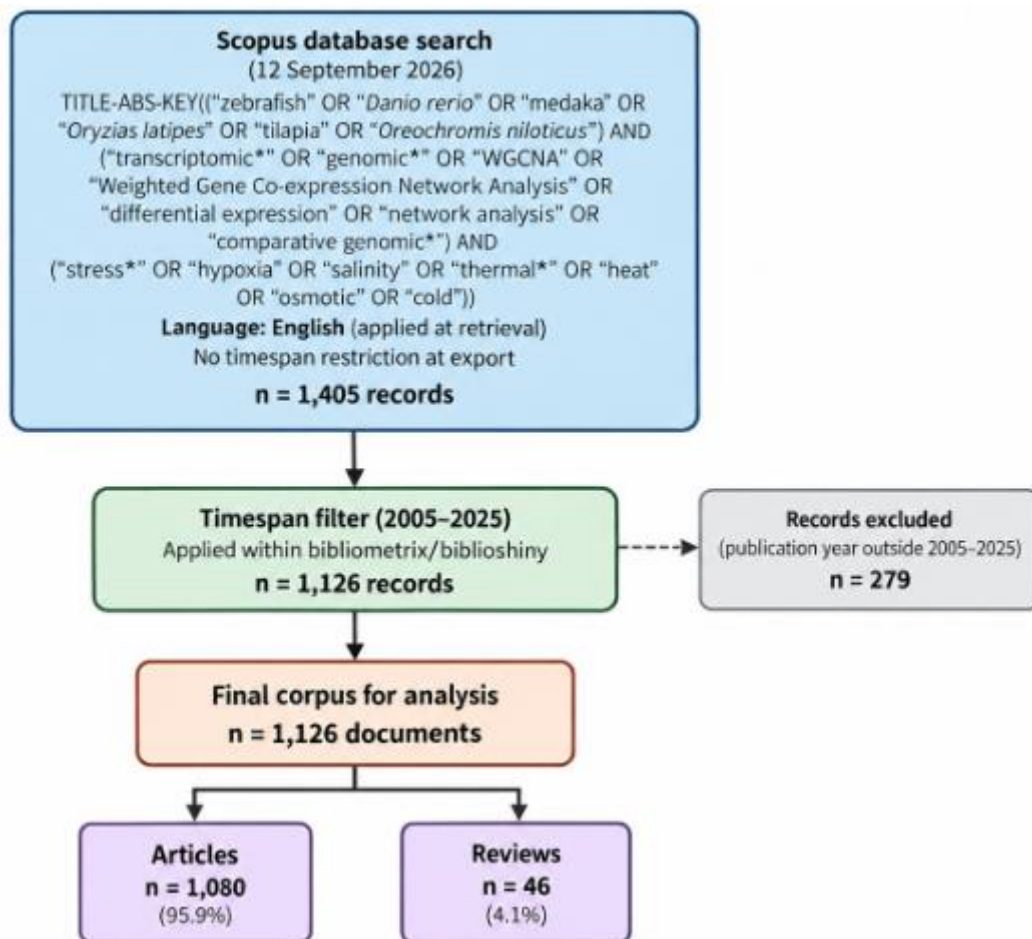


Figure S1. Workflow of data retrieval and screening.

Flow diagram showing the identification, filtering, and final selection of records for bibliometric analysis. The initial Scopus search retrieved 1,405 English-language records across all available years. A timespan filter (2005–2025) was then applied within bibliometrix/biblioshiny, resulting in a final corpus of 1,126 documents (1,080 articles and 46 reviews).

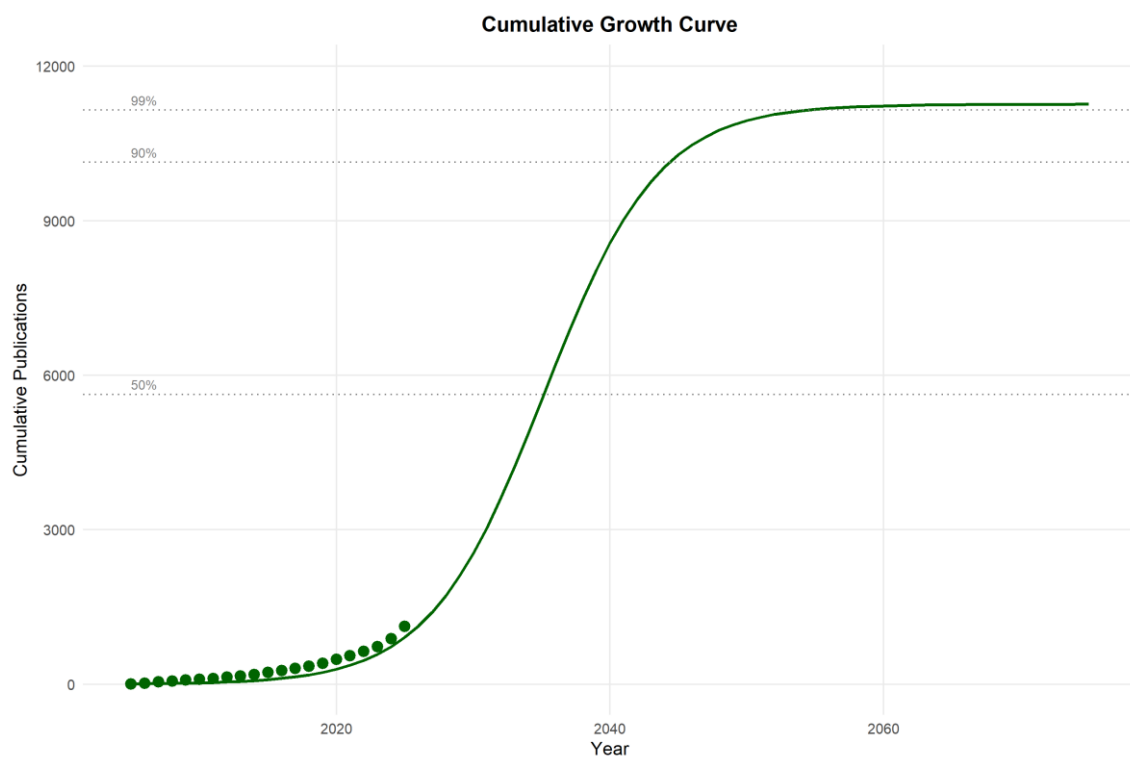


Figure S2. Cumulative growth curve of publication output with diffusion-of-innovation percentiles (50%, 90%, 99% of the model-projected saturation level).

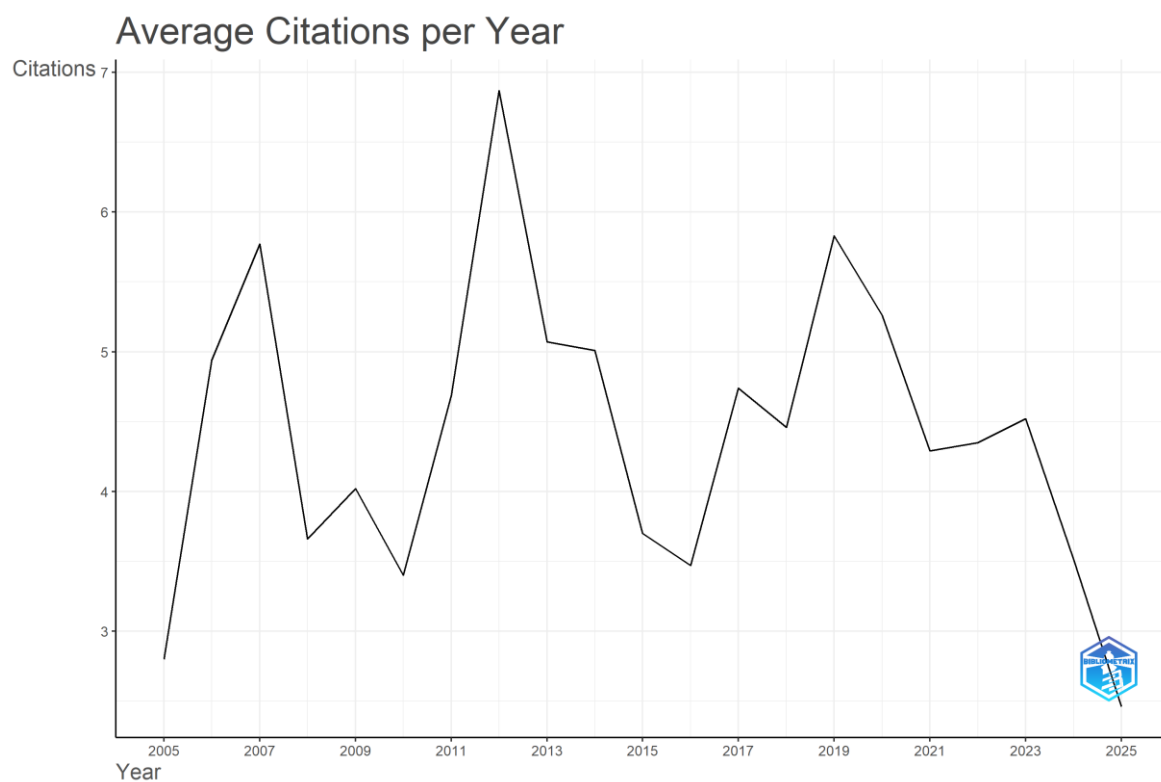


Figure S3. Average citations per year per document, 2005–2025.

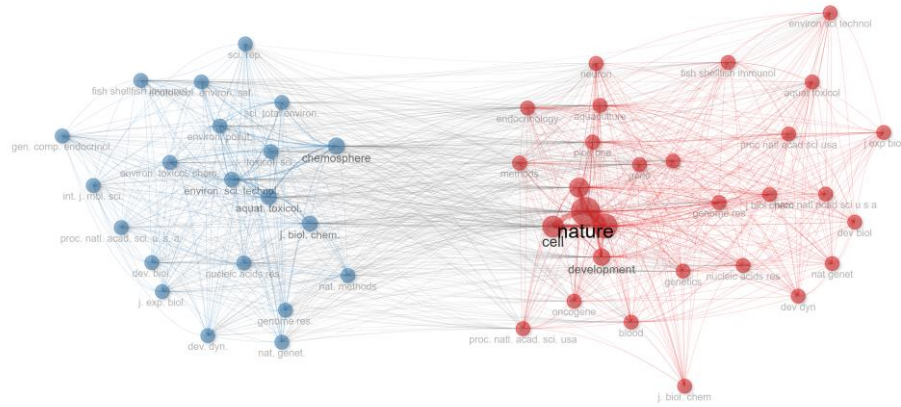


Figure S7. Source (journal) co-citation network, separating core biology/genomics journals (red) from ecotoxicology/environmental journals (blue).

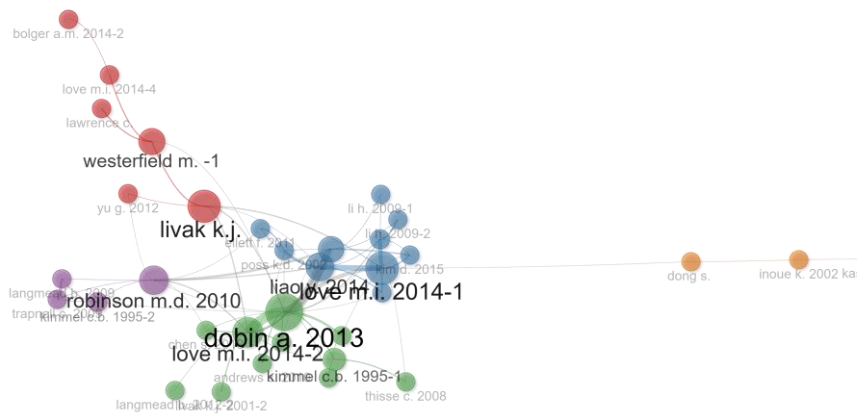


Figure S8. Document (paper-level) co-citation network.

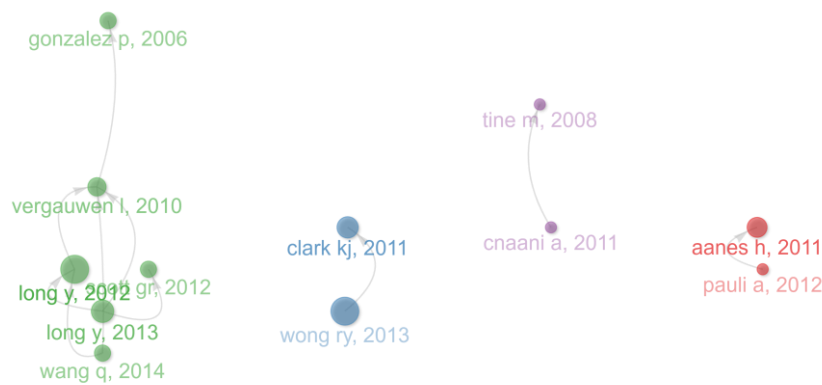


Figure S9. Historiographic direct-citation map showing the chronological citation lineage of the most influential documents in the corpus.

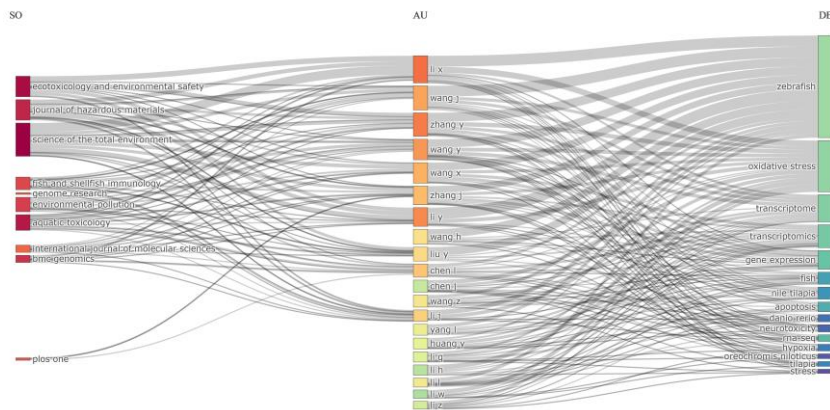


Figure S10. Three-field plot: an integrated visualization linking Sources (SO), Authors (AU), and Author Keywords (DE).



Figure S11. Word cloud of Scopus Index Keywords (methodological/generic descriptors; provided for indexing reference only).

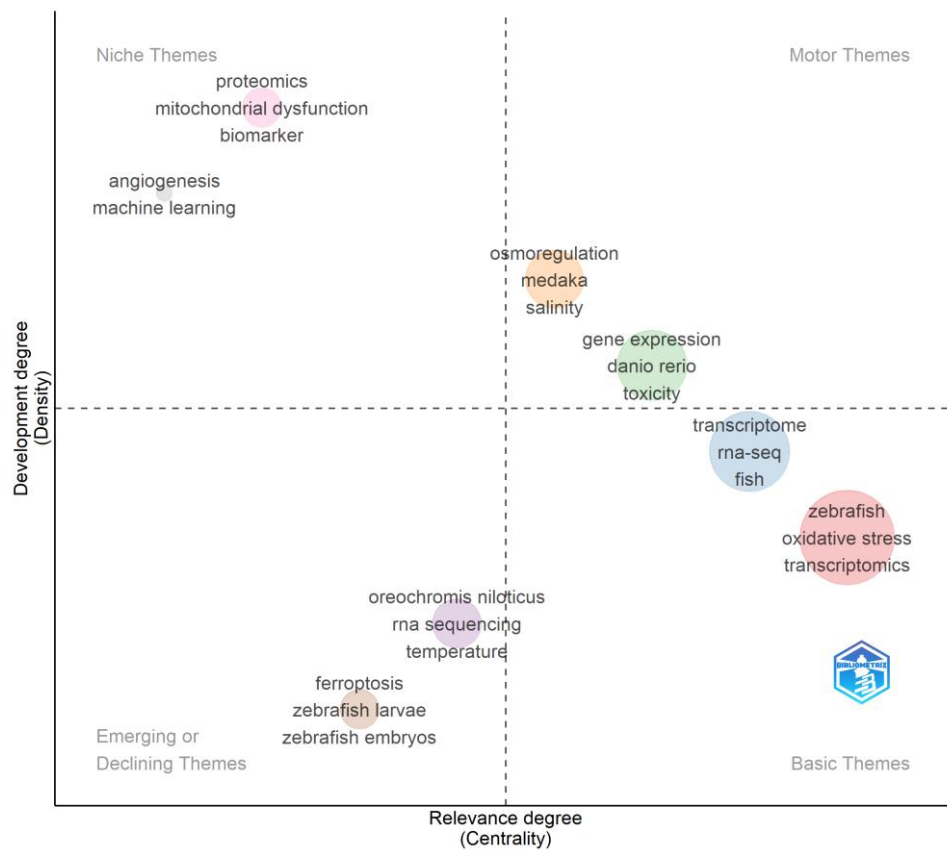


Figure S12. Strategic thematic map (centrality–density quadrant diagram), whole period.

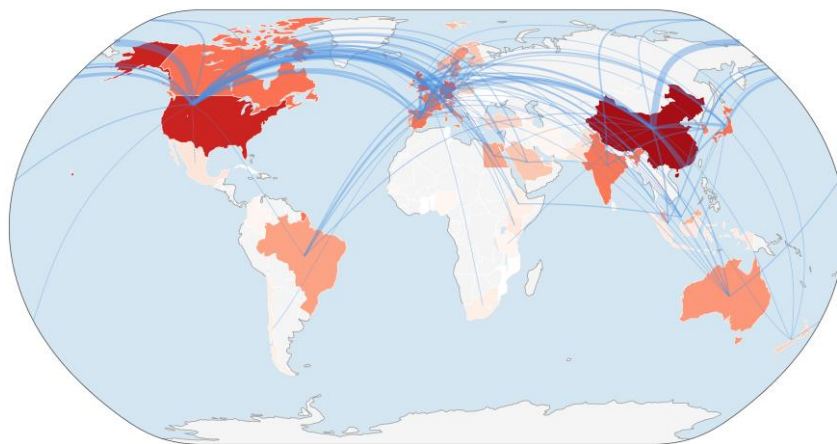


Figure S13. Geographic (arc) rendering of the international collaboration network.