

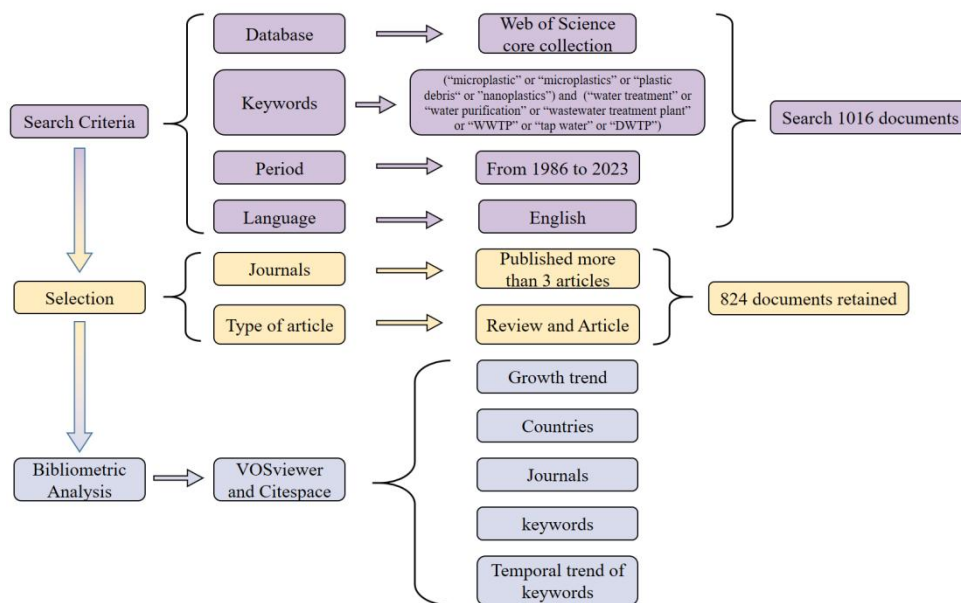
## Supporting Information

### Text S1

Bibliometric analysis of 824 documents was conducted on MPs in water, those articles were gathered from the Web of Science Core Collection (WoSCC) with keywords “microplastic”, “microplastics”, “plastic debris”, “nanoplastics”, and “water treatment”, “water purification”, “wastewater treatment plant (WWTP)”, “tap water”, “drinking water treatment plant (DWTP)”. The search was conducted in June 2023, and 1016 documents were initially identified. To ensure the accuracy of the data, only journals that published at least three articles on this topic were selected. The entire bibliometric data for this set of documents was exported for analysis as a text file. This includes their titles, publication dates, author names and affiliations, citation counts, keyword lists, abstract text, and reference lists.

### Text S2

VOSviewer is a software tool for constructing and visualizing bibliometric networks (van Eck and Waltman, 2007,2010; Waltman et al., 2010). Items in the co-occurrence network graph are grouped into different clusters. According to VOSviewer guidelines, the main principle of cluster analysis is to calculate the similarity (or strength of association) by the number of co-occurrences between subject terms, keywords, etc. These networks may include journals, researchers, or keywords, and they can be connected based on citation, co-citation, or co-authorship relations. In this study, VOSviewer was used to analyze sourcing countries, journal sources, and keywords of all documents and transform document data into visual networks. Data organization was done by Microsoft Excel 2016, and related figures were drawn with Origin 2022 software (Pivokonsky et al., 2018).



**Fig. S1** Steps for searching, screening and analyzing the articles.

## References

- Pivokonsky M, Cermakova L, Novotna K, Peer P, Cajthaml T, Janda V (2018). Occurrence of microplastics in raw and treated drinking water. *Science of the Total Environment*, 643: 1644–1651
- van Eck N J, Waltman L (2007). VOS: A New Method for Visualizing Similarities between Objects. In: Decker R, Lenz H J, editors. *Studies in Classification, Data Analysis, and Knowledge Organization*. Berlin, Heidelberg: Springer Berlin Heidelberg, 299–306
- van Eck N J, Waltman L (2010). Software survey: VOSviewer, a computer program for bibliometric mapping. *Scientometrics*, 84(2): 523–538
- Waltman L, van Eck N J, Noyons E C M (2010). A unified approach to mapping and clustering of bibliometric networks. *Journal of Informetrics*, 4(4): 629–635