



Microplastics
1-1000 μm



Nanoplastics
<1 μm










Plastic food packaging as a source of MNPs to food



 Science of The Total Environment
Volume 854, 1 January 2023, 158606 

Release of microplastics from disposable cups in daily use

Huier Chen , Liheng Xu , Kuai Yu , Fang Wei , Ming Zhang 

Water Research 166 (2019) 115082

Contents lists available at ScienceDirect

 Water Research 

journal homepage: www.elsevier.com/locate/watres


Does mechanical stress cause microplastic release from plastic water bottles?

Anna Winkler ^a, Nadia Santo ^b, Marco Aldo Ortenzi ^c, Elisa Bolzoni ^a, Renato Bacchetta ^{a,*}, Paolo Tremolada ^a



SCIENTIFIC REPORTS
nature research

Microplastics generated when opening plastic packaging

Zahra Sobhani ¹, Yongjia Lei^{1,2}, Youhong Tang ³, Liwei Wu^{3,4}, Xian Zhang⁵, Ravi Naidu^{1,5}, Mallavarapu Megharaj^{1,6} & Cheng Fang^{1,6*}

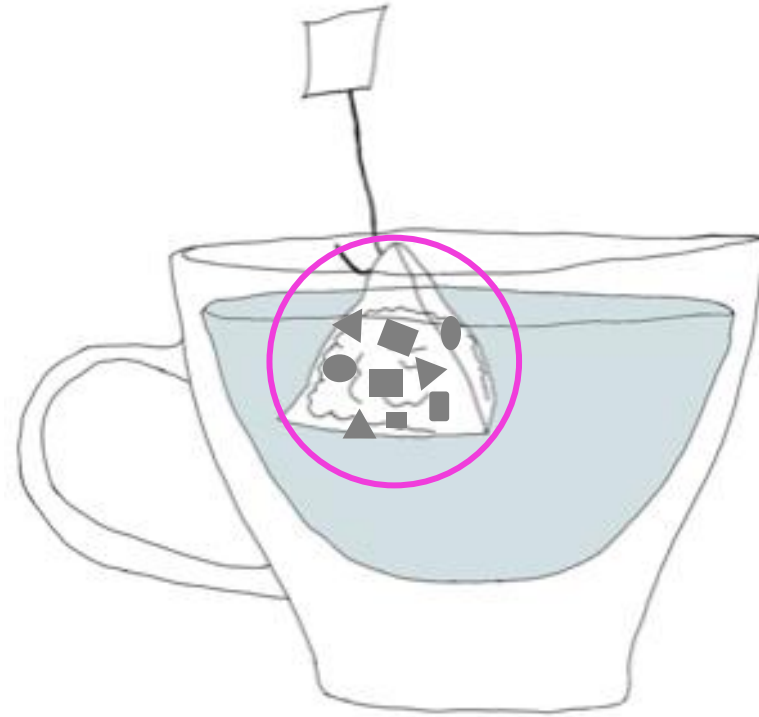
Open Access **Review**

Honey Quality and Microplastic Migration from Food Packaging: A Potential Threat for Consumer Health?

by  Klytaimnistra Katsara ^{1,2} , George Kenanakis ² , Eleftherios Alissandrakis ^{1,3}  and Vassilis M. Papadakis ^{2,3,4,*}  



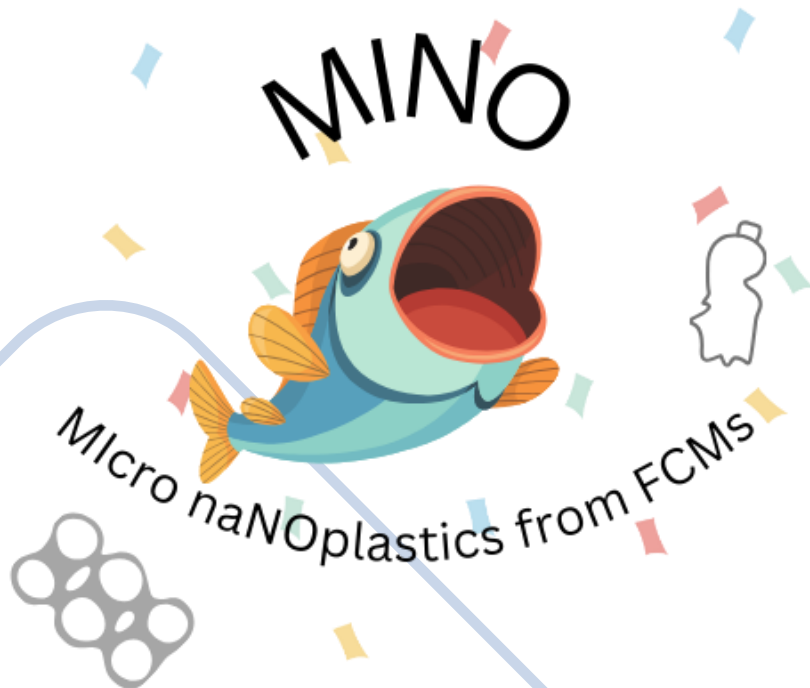
Plastic food packaging as a source of MNPs to food





The MiNo project

Provide an overview of **MNPs** in **foodstuff** originating from **food packaging**



zenodo

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November 15, 2022 Other Open Access

Evidence of microplastics and nanoplastics in food originating from food packaging: Protocol for a **systematic evidence map**

Zimmermann, Lisa; Geueke, Birgit; Durkin, Amanda M.; Devadoss, Anitha; Wagner, Martin; Muncke, Jane

Evidence of microplastics and nanoplastics in food originating from food packaging: Protocol for a systematic evidence map



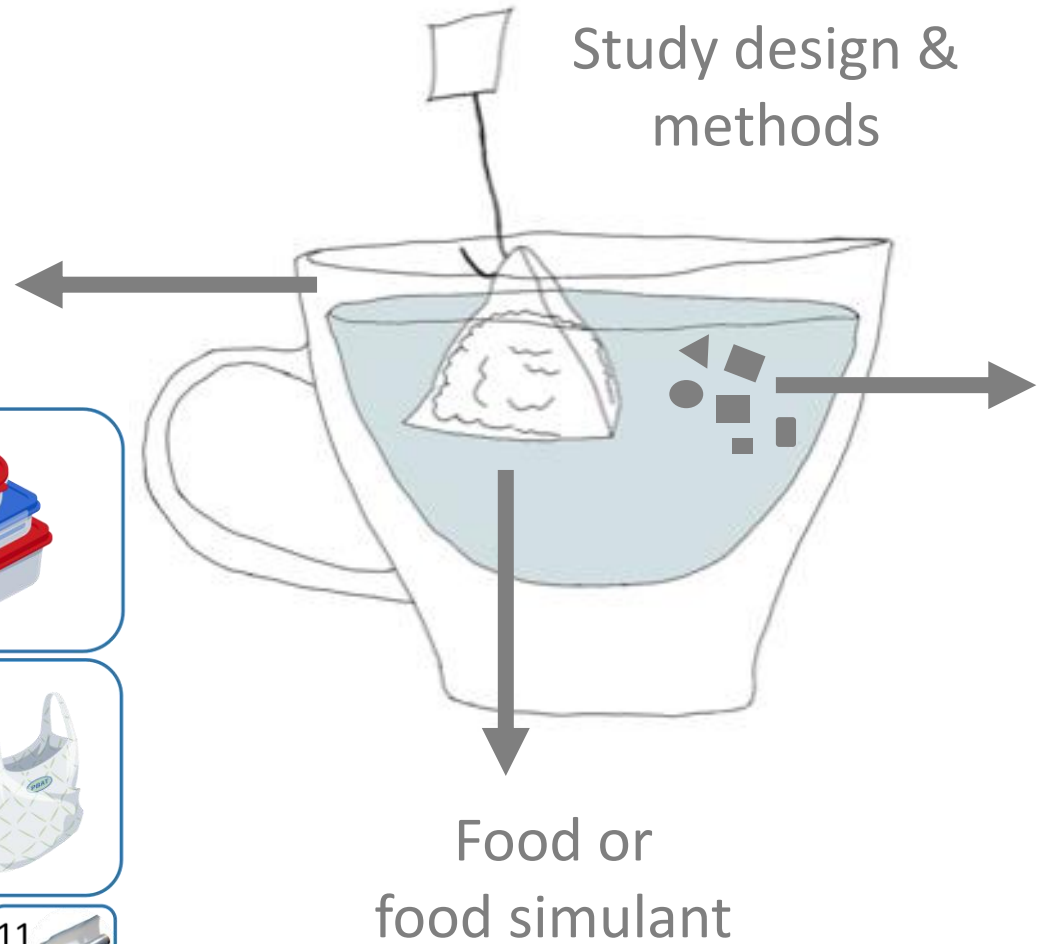


Data compiled & preliminary findings

601 database entries

Food contact article

Packaging type



Micro- and Nanoplastics

580 detected



Work in progress....

Data analysis

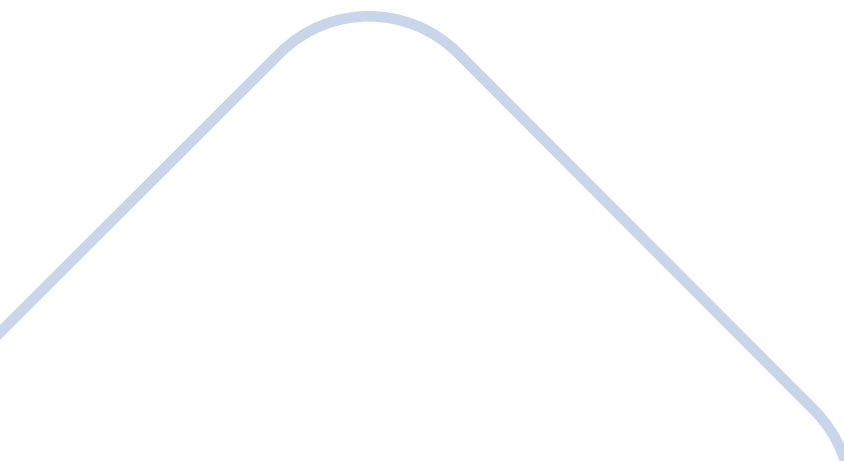
Publication

Level of evidence
determination

MINO

Micro naNOplastics from FCMS

Dashboard





Another FPF - dashboard

