Environmental Science: Advances

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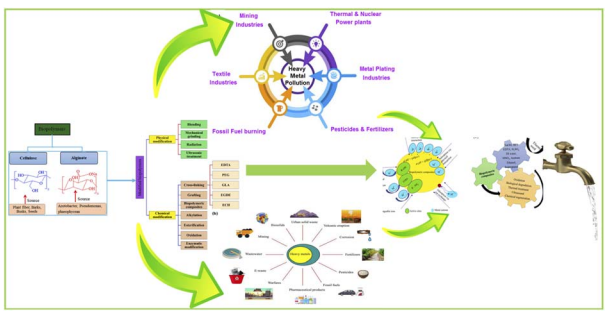
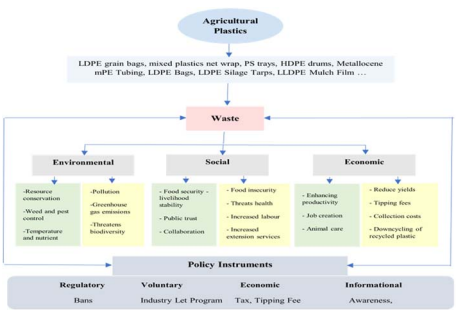
Inside cover
See Norman Kelly, Peter Boelens, Jens Gutzmer *et al.*, pp. 772–790. Image reproduced by permission of Helmholtz-Zentrum Dresden-Rossendorf e.V from *Environ. Sci.: Adv.*, 2026, **5**, 772.

CRITICAL REVIEWS





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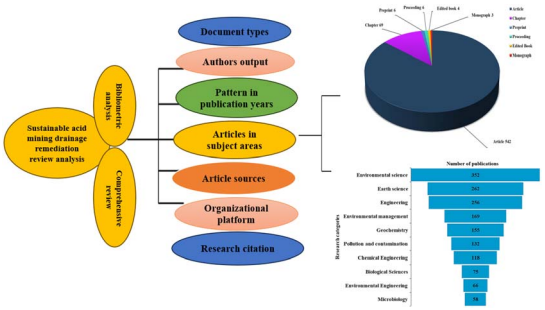

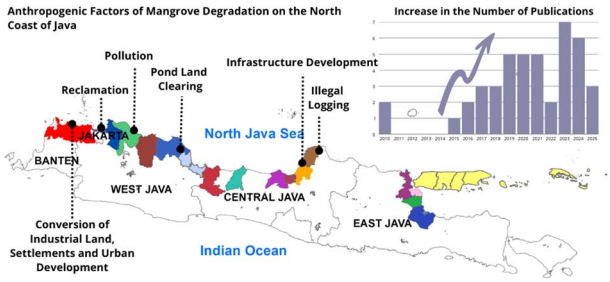

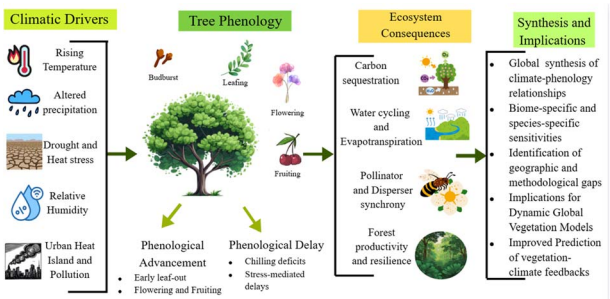

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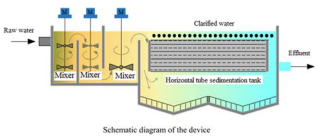

Schematic diagram of the device


Physical Drawing of the device

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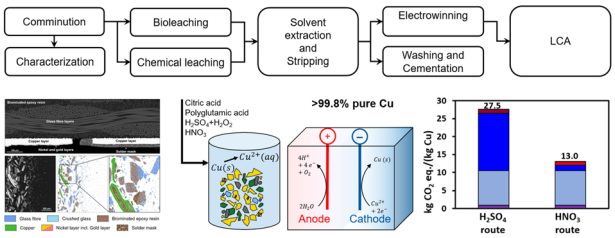

Hydrometallurgical recovery of high-purity copper from waste printed circuit boards: an experimental study and life cycle assessment

Norman Kelly,* Peter Boelens,* Ashak Mamhud Parvez, Sabine Kutschke, Doreen Ebert, Bradley Martin Guy, Robert Möckel, Muhammed Haseeb Aamir, Cynthia Sanchez-Garrido, Ulrike Fischer, Mohsin Sajjad, Axel D. Renno, Lucas Ott, Frank Ellinger, Ajay Bhagwan Patil and Jens Gutzmer*

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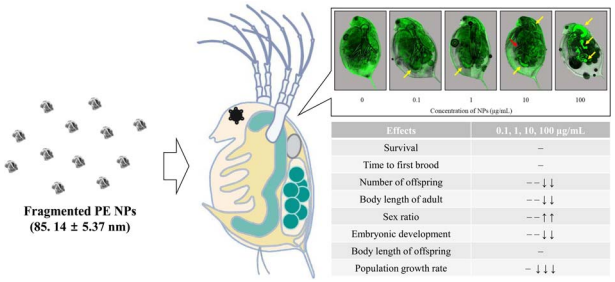

Sublethal impacts of fragmented polyethylene nanoplastics on *Daphnia magna* following chronic exposure

Jinyoung Song, In Young Kim, Seonae Hwangbo, Tae Geol Lee* and June-Woo Park*

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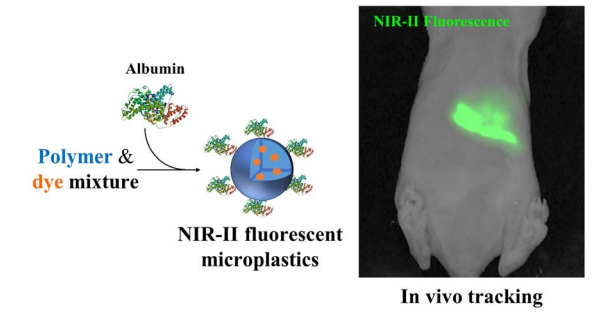

Synthesis of near-infrared-fluorophore-loaded microplastics with different compositions for *in vivo* tracking

Sota Inoue, Ryo Nagasawa, Kohei Soga and Masakazu Umezawa*

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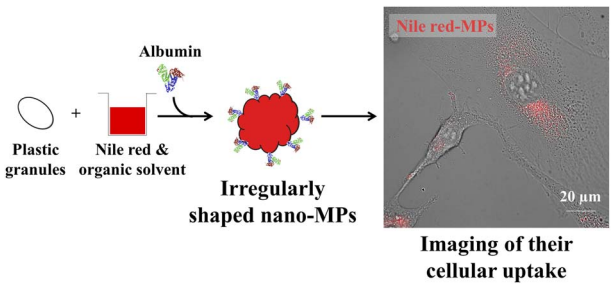

Preparation of irregularly shaped, nano-sized, fluorescent microplastic particles for tracing cellular uptake

Ryo Nagasawa, Sota Inoue, Takashi Miyano and Masakazu Umezawa*

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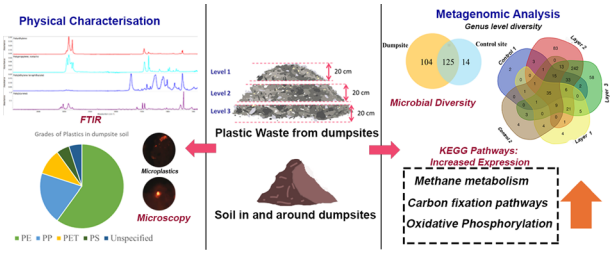

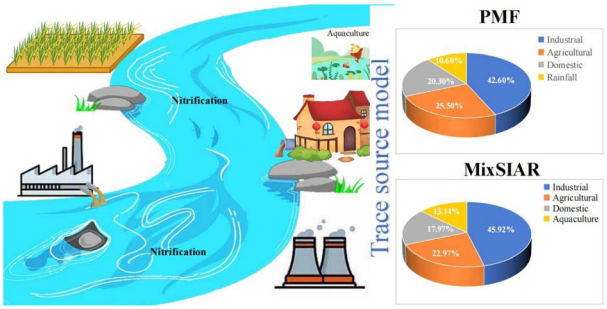

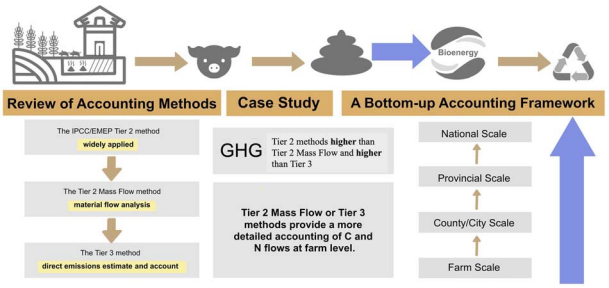

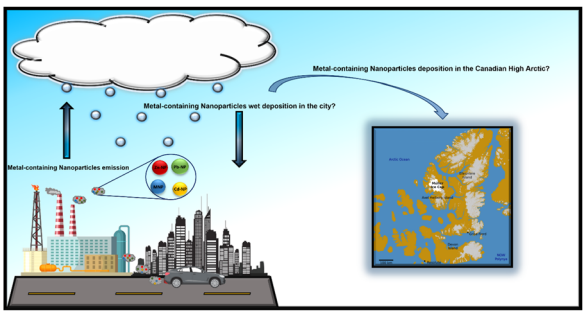

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