

wastewater

Emerging
Contaminants

PPCPs

PFCs

EDGs

MOREM



microplastics

NEWSLETTER

Development of Monitoring
and Removal Strategies of
Emerging Micropollutants in
wastewaters

October '22



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ
ΟΙΚΟΝΟΜΙΑΣ & ΑΝΑΠΤΥΞΗΣ

Με τη συγχρηματοδότηση της Ελλάδας και της Ευρωπαϊκής Ένωσης

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ ΠΑΙΔΕΙΑΣ, ΕΡΕΥΝΑΣ
ΚΑΙ ΘΡΗΣΚΕΥΜΑΤΩΝ

RFET
ΚΕΝΤΡΟ ΕΡΜΗΜΕΤΕΛΑ
ΕΡΕΥΝΑΣ ΚΑΙ ΤΕΧΝΟΛΟΓΙΑΣ

ΕΣΠΑ
2014-2020



中华人民共和国科学技术部
Ministry of Science and Technology of the People's Republic of China





Celebrating 50th Anniversary of the Establishment of Diplomatic Relations between Greece and China

Εορτασμός της 50ης επετείου της Σύναψης Διπλωματικών Σχέσεων Ελλάδας-Κίνας

庆祝中希建交50周年

6 Sep '22



13η Συνάντηση της Μικτής Διακρατικής Επιτροπής Ελλάδας-Κίνας για την Επιστημονική και Τεχνολογική Συνεργασία

中希科技合作联委会第13次会议 (视频)



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
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Dissemination of the project from prof. Dimitra Lambropoulou and prof. Yang Xin

6 Sep '22

DEVELOPMENT OF MONITORING AND REMOVAL STRATEGIES OF EMERGING MICROPOLLUTANTS IN WASTEWATERS

MOREM: JOINT PARTNERS

Sun Yat-sen University
Dept. of Environmental Science

Thessaloniki Water Supply & Sewerage Co. S.A. EWATH S.A.

Aristotle University of Thessaloniki
Dept. of Chemistry

Prof. Xin Yang
Project Coordination (SYSU)
1,300,000 RMB

Assoc. Prof. Dimitra Lambropoulou
Project Coordinator (AUTH)
388.680,00 €

Partners

International Hellenic University
Dept. of Chemistry



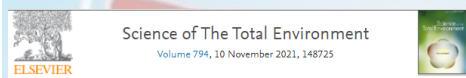
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Celebrating 50th Anniversary of the Establishment of Diplomatic Relations between Greece and China

5 Joint Publications



Review
Microplastics in the environment: Sampling, pretreatment, analysis and occurrence based on current and newly-exploited chromatographic approaches

Nina Maria Ainali^{a, b}, Dimitrios Kalaronis^a, Antonios Kontogiannis^a, Eleni Evgenidou^{a, c}, George Z. Kyzas^d, Xin Yang^e, Dimitrios N. Bikiaris^b, Dimitra A. Lambropoulou^{a, f, g, h}



Photochemical oxidation of PPCPs using a combination of solar irradiation and free available chlorine

Shuangshuang Cheng^a, Xinran Zhang^a, Weihua Song^{b, c}, Yanheng Pan^a, Dimitra Lambropoulou^d, Yu Zhong^e, Ye Du^f, Jianxin Nie^b, Xin Yang^{a, g, h}

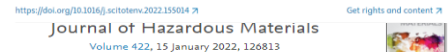
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Review
Do poly(lactic acid) microplastics instigate a threat? A perception for their dynamic towards environmental pollution and toxicity

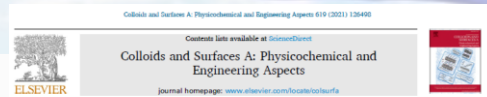
Nina Maria Ainali^{a, b}, Dimitrios Kalaronis^a, Eleni Evgenidou^{a, c}, George Z. Kyzas^d, Dimitris C. Baboul^e, Marthia Koloyianni^f, Xin Yang^g, Dimitrios N. Bikiaris^b, Dimitra A. Lambropoulou^{a, h}

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Research Paper
Enhanced formation of trichloronitromethane precursors during UV/monochloramine treatment

Xinran Zhang^{a, b}, Jiaxin Zhai^a, Yu Lei^a, Huang Huang^a, Pengfei Ren^a, Dimitra Lambropoulou^{a, c}, Xin Yang^{a, d, e}



Simultaneous removal of anti-inflammatory pharmaceutical compounds from an aqueous mixture with adsorption onto chitosan zwitterionic derivative

Neda Malestic-Eleftheridou^{a, b}, Eleni Evgenidou^{a, b}, Maria Lazaridou^c, Dimitrios N. Bikiaris^d, Xin Yang^e, George Z. Kyzas^f, Dimitra A. Lambropoulou^{a, b, g, h}

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