



Posters list

1. Observation of coating on TiO₂ nanoparticles by Surface-Enhanced Raman Scattering
Sayed Amininejad, R. Niessner and T. Baumann

2. Effects of titanium dioxide (TiO₂) nanoparticles from sunscreen on marine tropical coral symbionts, *Symbiodinium* spp., and their combined toxicity with global warming.
A. Tagliati, S. J. Hennige and Teresa F. Fernandes

3. Eco-interactions of negatively charged nanoparticles in natural seawater and implication for toxicity
Giacomo Grassi, E. Bergami, C. Faleri, L. Manfra, A. Atrei, M.P. Monopoli, A. Salvati, K. A. Dawson and I. Corsi

4. Enhancing the transport of polymer coated nZVI by aquifer modification with sodium humate
V. Micić, D. Schmid, N. Bossa, A. Gondikas, M. Velimirovic, F.v.d. Kammer, M.R. Wiesner and Thilo Hofmann

5. Toposome polypeptide subunit is the major corona protein in the cationic amino polystyrene nanoparticles dispersed in the sea urchin *Paracentrotus lividus* coelomic fluid
Luis Fernando Marques-Santos, G. Grassi, E. Bergami, K. A. Dawson, A. Salis, G. Damonte, L. Canesi and I. Corsi

6. AF4-UV-MALS-ICP-MS for trace level analysis of micro- and nanoparticles in Lake Constance water
Florian Meier, E. Moldenhauer, T. Pfaffe and T. Klein

7. Unraveling the complexity in the aging of nanoenhanced textiles: a comprehensive sequential study on the effects of sunlight, washing and landfilling
Denise M. Mitrano, E. Lombi, Y. A. R. Dasilva and B. Nowack

8. Photocatalytic TiO₂-based coatings on roads: aging of bitumen and nanomaterials release during use
Jose Luis Muñoz-Gómez, A. Vílchez, C. Cortés and S. Vázquez-Campos

9. Influence of earthworms on the transport and distribution of silver nanoparticles in soil
Eva Penssler, W. Kathmann, J. Lange, H.M. Maes, M. Roß-Nickoll and A. Schäffer

10. The impact of multiwalled carbon nanotubes on toxicity and bioaccumulation of triclocarban in the freshwater algae *Desmodesmus subspicatus*
Irina Politowski, M. P. Hennig, A. Schäffer and H.M. Maes

11. Effects of adsorptive properties of sludge on engineered nanoparticles (Ag, TiO₂, ZnO) during anaerobic digestion process (methane production)
Anahita Rahimi and J. Hansen

12. Acute exposure to Co₃O₄ and Mn₂O₃ nanoparticles induces elevated metal body burden in *D. magna* without affecting its viability or feeding
M. Heinlaan, M. Muna, K. Juganson, O. Oriekhova, S. Stoll, A. Kahru and Vera I Slaveykova

13. Surface coating determines silver nanoparticles fate in lake water
Javier Jiménez-Lamana and Vera I. Slaveykova

14. TiO₂ nanoparticles in sunscreens using asymmetric flow field-flow fractionation hyphenated to ICPMS: from mass based to number based particle size distribution
Milica Velimirovic, S. Wagner, M. Gräf, M. Ehler, F.A. Monikh, F. von der Kammer and T. Hofmann

15. Estimation of mass fluxes of anthropogenic nanomaterials in the environment
Stephan Wagner, Sandra Baur, H.-J. Stärk and T. Reemtsma

16. Assessment of catalytic and inhibitory effects of engineered nanoparticles on sewage sludge combustion using thermo-gravimetric analysis
Jonas Wielinski, C. Mueller, E. Morgenroth, A. Voegelin and R. Kaegi

17. Cloud point extraction allows insight into the occurrence of silver nanoparticles in natural water bodies
Andreas Wimmer and M. Schuster

18. Aggregation kinetics of TiO₂ and Ag nanoparticles in soil solution
Lisa Zehlike, R. Ellerbrock, and S. Klitzke^d

19. Biotransformation of ceria nanoparticles in cucumber plants
Yuhui Ma, Peng Zhang, Jing Zhang, Zhi Guo and Zhiyong Zhang