

### **Effect of long-term application of organic fertilizers on improving organic matter quality in acid soil**

Mockeviciene, Ieva; Repsiene, Regina; Amaleviciute-Volunge, Kristina; Karcauskiene, Danute; Slepeliene, Alvyra; **Lepane, Viia** Archives of agronomy and soil science 2021 / p. 1192 - 1204 <https://doi.org/10.1080/03650340.2021.1875130> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fluorescence spectroscopy of sedimentary pore-water humic substances : a simple tool for retrospective analysis of lake ecosystems**

Leeben, Aina; Mikomägi, Annika; **Lepane, Viia**; **Alliksaar, Tiiu** Journal of soils and sediments 2014 / p. 269-279 : ill <https://doi.org/10.1007/s11368-013-0768-1>

### **High-performance liquid chromatography (HPLC)-size exclusion chromatography (SEC) for qualitative detection of humic substances and dissolved organic matter in mineral soils and peats in Lithuania**

Jokubauskaite, Ieva; Amaleviciute, Kristina; **Lepane, Viia**; Slepeliene, Alvyra; Slepetytis, Jonas; Liaudanskiene, Inga; Karcauskiene, Danute; Booth, Colin A. International journal of environmental analytical chemistry 2015 / p. 508-519 : ill <http://dx.doi.org/10.1080/03067319.2015.1048435>

### **Photocatalytic decomposition of humic acids in anoxic aqueous solutions producing hydrogen, oxygen and light hydrocarbons**

**Klauson, Deniss**; **Budarnaja, Olga**; Castellanos Beltran, Ignacio; **Kritševskaja, Marina**; **Preis, Sergei** Environmental technology 2014 / p. 2237-2243 : ill

### **Spatiotemporal assessment of humic substance-rich stream and shallow karst aquifer interactions in a boreal catchment of northern Estonia**

Koiv, Oliver; Barbera, Juan Antonio; Marandi, Andres; Terasmaa, Jaanus; Kiivit, Iiti-Kärt; **Martma, Tõnu** Journal of hydrology 2020 / art. 124238, 18 p. : ill <https://doi.org/10.1016/j.jhydrol.2019.124238> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Surfactant and non-surfactant radical scavengers in aqueous reactions induced by pulsed corona discharge treatment**

Wang, Yi-Xian; Kornev, Iakov; Wei, Chao-Hai; **Preis, Sergei** Journal of electrostatics 2019 / p. 82-86 : ill <https://doi.org/10.1016/j.elstat.2019.03.001> [Tehnikaülikooli teadlaste uudne lahendus puhastab vett elektriga](#) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Template synthesis of titanium dioxide coatings and determination of their photocatalytic activity by aqueous oxidation of humic acid**

**Budarnaja, Olga**; **Klauson, Deniss**; **Dedova, Tatjana**; **Kärber, Erki**; **Viljus, Mart**; **Preis, Sergei** Kinetics and catalysis 2014 / p. 688-694 : ill

### **Transformation of natural and synthetic dyes in pulsed electric discharge in the granular steel bed**

Shiyan, Ludmila; Lobanova, Galina; Yurmazova, Tatyana; Machekhina, Ksenia; **Preis, Sergei** Journal of electrostatics 2018 / p. 90-98 : ill <https://doi.org/10.1016/j.elstat.2018.10.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)