

An economic and sustainable approach to transform aluminosilicate-rich solid waste to functionally graded composite foam for high-temperature applications

Pandey, Vaibhav; **Yadav, Mayank Kumar**; Panda, Saroja Kanta; Singh, Vinay Kumar Chemosphere 2023 / art. 139588

<https://doi.org/10.1016/j.chemosphere.2023.139588>

Bioremediation of lindane contaminated soil: Exploring the potential of Actinobacterial strains

Usmani, Zeba; Kulp, Maria; Lukk, Tiit Chemosphere 2021 / art. 130468, 12 p. : ill <https://doi.org/10.1016/j.chemosphere.2021.130468>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combined chemical and biological treatment of oil contaminated soil

Goi, Anna; Kulik, Niina; Trapido, Marina Chemosphere 2006 / p. 1754-1763 : ill

Combined chemical treatment of pharmaceutical effluents from medical ointment production

Kulik, Niina; Trapido, Marina; Goi, Anna; Veressinina, Jelena; Munter, Rein Chemosphere 2008 / 8, p. 1525-1531 : ill

<https://pubmed.ncbi.nlm.nih.gov/17897701/>

Effect of iron ion on doxycycline photocatalytic and Fenton-based autocatalytic decomposition

Bolobajev, Juri; Trapido, Marina; Goi, Anna Chemosphere 2016 / p. 220-226 : ill <http://doi.org/10.1016/j.chemosphere.2016.03.042>

Efficient photoelectrocatalytic degradation of amoxicillin using nano-TiO₂ photoanode thin films : a comparative study with photocatalytic and electrocatalytic methods

Alaydaros, Alia Husain; Sydorenko, Jekaterina; Palanisamy, Selvakumar; Chiesa, Matteo; Al Hajri, Ebrahim Chemosphere 2023 / art. 139629 <https://doi.org/10.1016/j.chemosphere.2023.139629>

Evaluation of carbon aerogel-based solid-phase extraction sorbent for the analysis of sulfur mustard degradation products in environmental water samples

Joul, Piia; Vaher, Merike; Kuhtinskaja, Maria Chemosphere 2018 / p. 460-468 <https://doi.org/10.1016/j.chemosphere.2018.01.157>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrogen peroxide photolysis, Fenton reagent and photo-Fenton for the degradation of nitrophenols : a comparative study

Goi, Anna; Trapido, Marina Chemosphere 2002 / p. 913-922 : ill

Implications of plant growth promoting *Klebsiella* sp. CPSB4 and *Enterobacter* sp. CPSB49 in luxuriant growth of tomato plants under chromium stress

Gupta, Pratishta; Kumar, Vipin; Usmani, Zeba; Rani, Rupa; Chandra, Avantika; Gupta, Vijai Kumar Chemosphere 2020 / Art. nr. 124944 <https://doi.org/10.1016/j.chemosphere.2019.124944> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxidative degradation of emerging micropollutant acesulfame in aqueous matrices by UVA-induced H₂O₂/Fe²⁺ and S₂O₈²⁻/Fe²⁺ processes

Kattel, Eneliis; Trapido, Marina; Dulova, Niina Chemosphere 2017 / p. 528-536 : ill <http://doi.org/10.1016/j.chemosphere.2016.12.104>

Polychlorinated biphenyls-containing electrical insulating oil contaminated soil treatment with calcium and magnesium peroxides

Goi, Anna; Viisimaa, Marika; Trapido, Marina; Munter, Rein Chemosphere 2011 / p. 1196-1201 : ill

<https://www.sciencedirect.com/science/article/abs/pii/S0045653510013603>

Recombinant luminescent bacterial sensors for the measurement of bioavailability of cadmium and lead in soils polluted by metal smelters

Ivask, Angela; Francois, Matthieu; Kahru, Anne; Dubourguier, Henri-Charles; Virta, Marko; Douay, Francis Chemosphere 2004 / 2, p. 147-156

Structure and function of microbial community associated with phenol co-substrate in degradation of benzo[a]pyrene in coking wastewater

Wu, Haizhen; Wang, Ming; Zhu, Shuang; Preis, Sergei Chemosphere 2019 / p. 128-138 : ill

<https://doi.org/10.1016/j.chemosphere.2019.04.117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The proposal of architecture for chemical splitting to optimize QSAR models for aquatic toxicity

Colombo, Andrea; Benfenati, Emilio; Karelson, Mati; Maran, Uko Chemosphere 2008 / 5, p. 772-780 : ill

Three-dimensional Co/Ni bimetallic organic frameworks for high-efficient catalytic ozonation of atrazine: Mechanism, effect parameters, and degradation pathways analysis

Ye, Guojie; Luo, Pei; Zhao, Yasi; Qiu, Guanglei; Hu, Yun; Preis, Sergei; Wei, Chaohai Chemosphere 2020 / art. 126767, 12 p

<https://doi.org/10.1016/j.chemosphere.2020.126767> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

