

Pubblicazioni internazionali

2020

Collivignarelli, M.C., Abbà, A., Bertanza, G., Frattarola, A. (2020). The upgrading of conventional activated sludge processes with thermophilic aerobic membrane reactor: Alternative solutions for sludge reduction. *JOURNAL OF ENVIRONMENTAL MANAGEMENT*. Volume 264, 15 June 2020, Article number 110490

2019

Collivignarelli, M.C., Carnevale Miino, M., Baldi, M., Manzi, S., Abbà, A., Bertanza, G. (2019). Removal of non-ionic and anionic surfactants from real laundry wastewater by means of a full-scale treatment system. *PROCESS SAFETY AND ENVIRONMENTAL PROTECTION*. Volume 132, December 2019, Pages 105-115.

Collivignarelli, M.C., Abbà, A., Frattarola, A., Manenti, S., Todeschini, S., Bertanza, G., Pedrazzani, R. (2019). Treatment of aqueous wastes by means of Thermophilic Aerobic Membrane Reactor (TAMR) and nanofiltration (NF): process auditing of a full-scale plant. *ENVIRONMENTAL MONITORING AND ASSESSMENT*. Volume 191, Issue 12, 1 December 2019, Article number 708.

Collivignarelli, M.C., Abbà, A., Carnevale Miino, M., Torretta, V. (2019). What advanced treatments can be used to minimize the production of sewage sludge in WWTPs? *APPLIED SCIENCES*. Volume 9, Issue 13, 1 July 2019, Article number 2650.

Collivignarelli, M.C., Abbà, A., Bertanza, G., Frattarola, A. (2019). Drastic reduction of sludge in wastewater treatment plants: co-digestion of sewage sludge and aqueous waste in a thermophilic membrane reactor. *ENVIRONMENTAL TECHNOLOGY*. Accepted, in press.

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Collivignarelli Maria Cristina, Abbà Alessandro, Bertanza Giorgio, Barbieri Giacomo (2017). Treatment of high strength aqueous wastes in a thermophilic aerobic membrane reactor (TAMR): Performance and resilience. *WATER SCIENCE AND TECHNOLOGY*. Volume 76, Issue 12, December 2017, Pages 3236-3245.

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Collivignarelli Maria Cristina, Castagnola Federico, Sordi Marco, Bertanza Giorgio (2017). Sewage sludge treatment in a thermophilic membrane reactor (TMR): factors affecting foam formation. ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH INTERNATIONAL, Volume 24, Issue 3, 1 January 2017, Pages 2316-2325.

Collivignarelli Maria Cristina, Abbà Alessandro, Castagnola Federico, Bertanza Giorgio (2017). Minimization of municipal sewage sludge by means of a thermophilic membrane bioreactor with intermittent aeration. JOURNAL OF CLEANER PRODUCTION. Volume 143, 1 February 2017, Pages 369-376.

Collivignarelli Maria Cristina, Bertanza Giorgio, Abbà Alessandro, Sordi Marco, Pedrazzani Roberta (2017). Synergy between anaerobic digestion and a post-treatment based on Thermophilic Aerobic Membrane Reactor (TAMR). ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY. Volume 36, Issue 6, November 2017, Pages 1802-1809.

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