Carson Odell Lee - Research outputs - DTU Orbit (05/10/2019)

**Softening of drinking water – are other processes in the treatment affected? /** Albrechtsen, Hans-Jørgen; Lee, Carson Odell; Johansen, Kaare K.; Hedegaard, Mathilde Jørgensen; Christensen, S. C. B.; Beyer, T.; Pedersen, A.-K.


Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2019 › Research › peer-review

**Use of salty groundwater for toilet flushing to substitute drinking water - water and microbial quality. /** Albrechtsen, Hans-Jørgen; Lee, Carson Odell; Godskesen, Berit; Vester, Martin; Hoffmann, H.; Rygaard, Martin; Jørgensen, C.


Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2019 › Research › peer-review

**Biological treatment: Optimization of biological rapid sand filters for drinking water production. /** Albrechtsen, Hans-Jørgen; Smets, Barth F.; Lee, Carson Odell; Tatari, Karolina; Musovic, Sanin; Gütay, Arda; Borch Nielsen, Peter; Boe-Hansen, Rasmus; Wagner, Florian Benedikt.


Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2018 › Research › peer-review

**Can pesticide degradation be connected with methane oxidation at waterworks? /** Hedegaard, Mathilde Jørgensen (Author); Lee, Carson Odell (Author); Albrechtsen, Hans-Jørgen (Author). 2018. Kgs. Lyngby, Denmark : DTU Environment


Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2018 › Research

**Can pesticide degradation be connected with methane oxidation at waterworks? /** Hedegaard, Mathilde Jørgensen; Lee, Carson Odell; Albrechtsen, Hans-Jørgen.


Research output: Contribution to conference › Poster – Annual report year: 2018 › Research › peer-review

**Effekt af blødgøring med pelletreaktor på sandfiltre. /** Albrechtsen, Hans-Jørgen (Author); Lee, Carson Odell (Author); Klit Johansen, Kaare (Author); Hedegaard, Mathilde (Author); Christensen, Sarah Christine Boesgaard (Author); Beyer, Tove (Author); Pedersen, Ann-Katrin (Author). 2018. Kgs. Lyngby : DTU Miljø


Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2018 › Research

**Methane oxidation and the degradation potential of the herbicide bentazone at Danish waterworks. /** Hedegaard, Mathilde Jørgensen; Lee, Carson Odell; Albrechtsen, Hans-Jørgen.


Research output: Chapter in Book/Report/Conference proceedings › Conference abstract in proceedings – Annual report year: 2018 › Research › peer-review

**On-line monitoring of microbial drinking water quality – on site tests. /** Albrechtsen, Hans-Jørgen; Arnedo, M. J.; Appels, Joep; Baquero, D.; Galofre, B.; Lindhardt, Bo; Lee, Carson Odell; Wagner, Florian Benedikt.


Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2018 › Research › peer-review

**Optimeret blødgøring med pelletmetoden – kalkfines og CCPP. /** Tang, Camilla (Author); Hedegaard, Mathilde Jørgensen (Author); Rosshaug, Per S. (Author); Lopato, Laure (Author); Johansen, Kaare K. (Author); Lee, Carson Odell (Author); Merks, Cor (Author); Albrechtsen, Hans-Jørgen (Author). 2018. Kgs. Lyngby : Danmarks Tekniske Universitet (DTU) Event: Dansk Vand Konference 2018, Aarhus, Denmark.

Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2018 › Research


Increasing nitrification in biological rapid sand filters: Diagnosing and supplementing micronutrients needed for proper filter performance. / Lee, Carson Odell; Wagner, Florian Benedikt; Boe-Hansen, Rasmus; Albrechtsen, Hans-Jørgen.

Pesticide degradation potential of pesticides in biological rapid sand filters at 10 different waterworks. / Lee, Carson Odell; Musovic, Sanin; Hedegaard, Mathilde Jørgensen; Tatari, Karolina; Laugesen, Henrik; Albrechtsen, Hans-Jørgen.

Optimizing nitrification in biological rapid sand filters: Diagnosing and supplementing micronutrients needed for proper filter performance. / Lee, Carson Odell; Wagner, Florian Benedikt; Boe-Hansen, Rasmus; Albrechtsen, Hans-Jørgen.

The impact of backwashing on nitrification in biological rapid sand filters under different ammonium loading conditions. / Lee, Carson Odell; Albrechtsen, Hans-Jørgen; Smets, Barth F.; Tatari, Karolina; Nielsen, P. B.; Binning, Philip John; Boe-Hansen, Rasmus; Wagner, Florian Benedikt.

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Phosphorus addition can increase nitrification in biological rapid sand filters for drinking water treatment. / Wagner, Florian Benedikt; Lee, Carson Odell; Nielsen, P. B.; Tatari, Karolina; Boe-Hansen, Rasmus; Binning, Philip John; Smets, Barth F.; Albrechtsen, Hans-Jørgen.

Stimulation of Nitrification in Biological Rapid Sand Filters by Addition of Phosphorus and Trace Metals. / Wagner, Florian Benedikt; Lee, Carson Odell; Nielsen, P. B.; Albrechtsen, Hans-Jørgen.
Diagnostics in biological rapid sand filters treating groundwater – governing factors for nitrification. / Albrechtsen, Hans-Jørgen; Gülay, Arda; Smets, Barth F.; Lee, Carson Odell; Wagner, Florian Benedikt; Tatari, Karolina; Borch Nielsen, Peter; Binning, Philip John; Boe-Hansen, Rasmus; Musovic, Sanin.
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Effects of dynamic operating conditions on nitrification in biological rapid sand filters for drinking water treatment. / Lee, Carson Odell; Boe-Hansen, Rasmus; Musovic, Sanin; Smets, Barth F.; Albrechtsen, Hans-Jørgen; Binning, Philip John.
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Stimulation of nitrification in biological rapid sand filters for drinking water treatment by trace metals. / Wagner, Florian Benedikt; Borch Nielsen, Peter; Lee, Carson Odell; Tatari, Karolina; Boe-Hansen, Rasmus; Albrechtsen, Hans-Jørgen.
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Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review
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Modeling the Performance of Biological Rapid Sand Filters Used to Remove Ammonium, Iron, and Manganese From Drinking Water. / Lee, Carson; Albrechtsen, Hans-Jørgen; Smets, Barth F.; Binning, Philip John.

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Relating dynamic conditions to the performance of biological rapid sand filters used to remove ammonium, iron, and manganese from drinking water. / Lee, Carson; Albrechtsen, Hans-Jørgen; Smets, Barth F.; Binning, Philip John.

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