

Jes la Cour Jansen

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

3,664
citations

159525

30
h-index

128225

60
g-index

83
all docs

83
docs citations

83
times ranked

4134
citing authors

#	ARTICLE	IF	CITATIONS
1	Method for determination of methane potentials of solid organic waste. <i>Waste Management</i> , 2004, 24, 393-400.	3.7	418
2	Review of comparative LCAs of food waste management systems â€“ Current status and potential improvements. <i>Waste Management</i> , 2012, 32, 2439-2455.	3.7	240
3	Determination of sorption of seventy-five pharmaceuticals in sewage sludge. <i>Water Research</i> , 2011, 45, 4470-4482.	5.3	233
4	A life cycle approach to the management of household food waste â€“ A Swedish full-scale case study. <i>Waste Management</i> , 2011, 31, 1879-1896.	3.7	221
5	Co-digestion of grease trap sludge and sewage sludge. <i>Waste Management</i> , 2008, 28, 986-992.	3.7	212
6	Methane yield in source-sorted organic fraction of municipal solid waste. <i>Waste Management</i> , 2007, 27, 406-414.	3.7	200
7	Suspended biofilm carrier and activated sludge removal of acidic pharmaceuticals. <i>Water Research</i> , 2012, 46, 1167-1175.	5.3	164
8	Micropollutant removal by attached and suspended growth in a hybrid biofilm-activated sludge process. <i>Water Research</i> , 2013, 47, 4498-4506.	5.3	144
9	Required ozone doses for removing pharmaceuticals from wastewater effluents. <i>Science of the Total Environment</i> , 2013, 456-457, 42-49.	3.9	117
10	Identification of decisive factors for greenhouse gas emissions in comparative life cycle assessments of food waste management â€“ an analytical review. <i>Journal of Cleaner Production</i> , 2016, 119, 13-24.	4.6	107
11	Mixed carbon sources for nitrate reduction in activated sludge-identification of bacteria and process activity studies. <i>Water Research</i> , 2008, 42, 1539-1546.	5.3	95
12	Effects of pre-treatment technologies on quantity and quality of source-sorted municipal organic waste for biogas recovery. <i>Waste Management</i> , 2007, 27, 398-405.	3.7	87
13	Need for improvements in physical pretreatment of source-separated household food waste. <i>Waste Management</i> , 2013, 33, 746-754.	3.7	87
14	Door-stepping as a strategy for improved food waste recycling behaviour â€“ Evaluation of a full-scale experiment. <i>Resources, Conservation and Recycling</i> , 2013, 73, 94-103.	5.3	70
15	Occurrence and reduction of pharmaceuticals in the water phase at Swedish wastewater treatment plants. <i>Water Science and Technology</i> , 2012, 66, 783-791.	1.2	69
16	Removal of pharmaceuticals in biologically treated wastewater by chlorine dioxide or peracetic acid. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 1041-1047.	1.2	68
17	BIOLOGICALLY MEDIATED PHOSPHORUS PRECIPITATION IN WASTEWATER TREATMENT WITH MICROALGAE. <i>Environmental Technology (United Kingdom)</i> , 2007, 28, 953-960.	1.2	67
18	Separate collection of household food waste for anaerobic degradation â€“ Comparison of different techniques from a systems perspective. <i>Waste Management</i> , 2012, 32, 806-815.	3.7	58

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19	Efficiency of blue-green stormwater retrofits for flood mitigation – Conclusions drawn from a case study in Malmö, Sweden. <i>Journal of Environmental Management</i> , 2018, 207, 60-69.	3.8	57
20	Long-term Population Dynamics and in situ Physiology in Activated Sludge Systems with Enhanced Biological Phosphorus Removal Operated with and without Nitrogen Removal. <i>Systematic and Applied Microbiology</i> , 2003, 26, 211-227.	1.2	50
21	Composition of source-sorted municipal organic waste collected in Danish cities. <i>Waste Management</i> , 2007, 27, 510-518.	3.7	50
22	Occurrence of nitrification inhibition in Swedish municipal wastewaters. <i>Water Research</i> , 2000, 34, 2455-2462.	5.3	45
23	Assessment of sampling and chemical analysis of source-separated organic household waste. <i>Waste Management</i> , 2004, 24, 541-549.	3.7	40
24	Life cycle assessment of a household solid waste source separation programme: a Swedish case study. <i>Waste Management and Research</i> , 2011, 29, 1027-1042.	2.2	39
25	Impact of solid retention time and nitrification capacity on the ability of activated sludge to remove pharmaceuticals. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 865-872.	1.2	38
26	Characterisation of microbial communities for improved management of anaerobic digestion of food waste. <i>Waste Management</i> , 2020, 117, 124-135.	3.7	38
27	Removal of Soluble Substrates in Fixed Films. <i>Water Science and Technology</i> , 1985, 17, 1-14.	1.2	34
28	Property-close source separation of hazardous waste and waste electrical and electronic equipment – A Swedish case study. <i>Waste Management</i> , 2011, 31, 536-543.	3.7	34
29	Anaerobic digestion potential of urban organic waste: a case study in Malmö. <i>Waste Management and Research</i> , 2007, 25, 162-169.	2.2	33
30	ADVANCED OXIDATION OF REFRACTORY ORGANICS IN LEACHATE – POTENTIAL METHODS AND EVALUATION OF BIODEGRADABILITY OF THE REMAINING SUBSTRATE. <i>Environmental Technology (United Kingdom)</i> , 2008, 29, 941-946.	1.2	33
31	Phosphorus removal from wastewater by microalgae in Sweden – a year-round perspective. <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 117-123.	1.2	30
32	Post denitrification in a moving bed biofilm reactor process. <i>Water Science and Technology</i> , 1998, 38, 31-38.	1.2	29
33	Evaluation of direct membrane filtration and direct forward osmosis as concepts for compact and energy-positive municipal wastewater treatment. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 264-276.	1.2	28
34	Local strategies for efficient management of solid household waste – the full-scale Augustenborg experiment. <i>Waste Management and Research</i> , 2012, 30, 200-212.	2.2	27
35	A small scale hydroponics wastewater treatment system under Swedish conditions. <i>Water Science and Technology</i> , 2004, 48, 161-167.	1.2	25
36	Dynamics of nitrogen oxides emission from a full-scale sludge liquor treatment plant with nitrification. <i>Water Science and Technology</i> , 2011, 63, 2838-2845.	1.2	25

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37	Removal of pharmaceuticals in WWTP effluents by ozone and hydrogen peroxide. <i>Water S A</i> , 2014, 40, 165.	0.2	25
38	Oxygen-induced dynamics of nitrous oxide in water and off-gas during the treatment of digester supernatant. <i>Water Science and Technology</i> , 2014, 69, 84-91.	1.2	23
39	Hydrolysis of return sludge for production of easily biodegradable carbon: effect of pre-treatment, sludge age and temperature. <i>Water Science and Technology</i> , 2006, 53, 47-54.	1.2	21
40	Calibration and validation of a modified ASM1 using long-term simulation of a full-scale pulp mill wastewater treatment plant. <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 555-566.	1.2	20
41	Tank-connected food waste disposer systems – Current status and potential improvements. <i>Waste Management</i> , 2013, 33, 193-203.	3.7	20
42	Hygienization of sludge through anaerobic digestion at 35, 55 and 60 °C. <i>Water Science and Technology</i> , 2013, 68, 2234-2239.	1.2	20
43	Applicability of experience from laboratory reactors with biological phosphorus removal in full-scale plants. <i>Water Science and Technology</i> , 2006, 54, 267-275.	1.2	16
44	Influences of mechanical pretreatment on the non-biological treatment of municipal wastewater by forward osmosis. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 2295-2304.	1.2	16
45	Microsieving in primary treatment: effect of chemical dosing. <i>Water Science and Technology</i> , 2016, 74, 438-447.	1.2	15
46	Potential of combining mechanical and physicochemical municipal wastewater pre-treatment with direct membrane filtration. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 108-115.	1.2	15
47	Removal of pharmaceuticals with ozone at 10 Swedish wastewater treatment plants. <i>Water Practice and Technology</i> , 2017, 12, 871-881.	1.0	12
48	Operation for nitrification of sludge liquor in a full-scale SBR. <i>Water Science and Technology</i> , 2008, 58, 439-444.	1.2	11
49	The effects of physicochemical wastewater treatment operations on forward osmosis. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 2130-2142.	1.2	11
50	Anaerobic Digestion: Mass Balances and Products. , 2010, , 618-627.		10
51	Impact on nitrifiers of full-scale bioaugmentation. <i>Water Science and Technology</i> , 2017, 76, 3079-3085.	1.2	10
52	Conceptualization and Schematization of Mesoscale Sustainable Drainage Systems: A Full-Scale Study. <i>Water (Switzerland)</i> , 2018, 10, 1041.	1.2	10
53	Biological Filters for Post-Denitrification. <i>Water Science and Technology</i> , 1993, 27, 369-379.	1.2	9
54	Oxygen Uptake Rate Measurements For Evaluation of Ozonation of Municipal Wastewater. <i>Environmental Technology (United Kingdom)</i> , 2007, 28, 177-183.	1.2	8

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55	Laboratory-scale assessment of vacuum-degassed activated sludge for improved settling properties. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 2193-2201.	1.2	8
56	Effect of anaerobic digestion at 35, 55 and 60 Å°C on pharmaceuticals and organic contaminants. <i>Water Science and Technology</i> , 2014, 69, 1282-1288.	1.2	7
57	Promotion of nitrifiers through side-stream bioaugmentation: a full-scale study. <i>Water Science and Technology</i> , 2016, 74, 1736-1743.	1.2	7
58	Automatic control of the effluent turbidity from a chemically enhanced primary treatment with microsieving. <i>Water Science and Technology</i> , 2017, 76, 1770-1780.	1.2	7
59	Handling of Anaerobic Digester Supernatant Combined with Full Nitrogen Removal. <i>Water Science and Technology</i> , 1993, 27, 391-403.	1.2	6
60	Anaerobic Digestion: Technology. , 0, , 601-617.		6
61	Full-scale in-line hydrolysis and simulation for potential energy and resource savings in activated sludge â€“ a case study. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 1819-1825.	1.2	6
62	Circulation of phosphorus in a system with biological p-removal and sludge digestion. <i>Water Science and Technology</i> , 1994, 30, 293-302.	1.2	5
63	Evaluation of Small Wastewater Treatment Plants in the County of Å...rhus â€“ Denmark. <i>Water Science and Technology</i> , 1993, 28, 33-41.	1.2	5
64	Full-scale sludge liquor treatment for ammonium reduction with low carbon dosage. <i>Environmental Technology (United Kingdom)</i> , 2011, 32, 857-863.	1.2	4
65	Detection of acidification limit in anaerobic membrane bioreactors at ambient temperature. <i>Water Research</i> , 2016, 106, 429-438.	5.3	3
66	Increasing the capacity of an extended nutrient removal plant by using different techniques. <i>Water Science and Technology</i> , 1998, 37, 175-183.	1.2	3
67	Statistical control of hygienic quality of bathing water. <i>Environmental Monitoring and Assessment</i> , 1991, 17, 217-226.	1.3	2
68	Modern Solid Waste Management in Practice. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2013, , .	0.2	2
69	Waste Ochre for Control of Phosphates and Sulfides in Digesters at Wastewater Treatment Plants with Enhanced Biological Phosphorus Removal. <i>Clean Technologies</i> , 2020, 2, 116-126.	1.9	2
70	Long Term Dosage of Aluminium in a Full Scale WWTP to Improve Activated Sludge Settleability. , 1996, , 263-273.		2
71	Denitrification in Submerged Filters of Nitrified Wastewater and Chemical Pre-precipitated Wastewater. , 1992, , 373-387.		2
72	Discfiltration and ozonation for reduction of nutrients and organic micro-pollutants from wastewater â€“ a pilot study. <i>Water Practice and Technology</i> , 2014, 9, 475-482.	1.0	1

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73	Modeling of Anaerobic Digestion with a Focus on Estimation of Hydrolysis Constants at 35, 55, and 60 Å°C. Water Environment Research, 2015, 87, 587-594.	1.3	1
74	<i>Ex-situ</i> manometric activity test for evaluation of mainstream anammox in Moving Bed Biofilm Reactors. Environmental Technology (United Kingdom), 2022, 43, 1980-1987.	1.2	1
75	PARTICLE SIZE ANALYSIS IN DISSOLVED AIR FLOTATION â€™ SEPARATION OF PARTICLES FROM A BIOFILM PROCESS. Proceedings of the Water Environment Federation, 2001, 2001, 47-61.	0.0	0
76	New Projects, Building on Previous Experience. SpringerBriefs in Applied Sciences and Technology, 2013, , 75-83.	0.2	0
77	From Idea to Reality: The City as a Test Bed. SpringerBriefs in Applied Sciences and Technology, 2013, , 21-67.	0.2	0
78	Sorption of 71 Pharmaceuticals to Powder Activated Carbon for Improved Wastewater Treatment. Clean Technologies, 2022, 4, 296-308.	1.9	0