

Jolien De Paepe

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

302
citations

1163117

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1372567

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all docs

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docs citations

10
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen cycling in Bioregenerative Life Support Systems: Challenges for waste refinery and food production processes. <i>Progress in Aerospace Sciences</i> , 2017, 91, 87-98.	12.1	65
2	Bio-electrochemical COD removal for energy-efficient, maximum and robust nitrogen recovery from urine through membrane aerated nitrification. <i>Water Research</i> , 2020, 185, 116223.	11.3	54
3	Refinery and concentration of nutrients from urine with electro dialysis enabled by upstream precipitation and nitrification. <i>Water Research</i> , 2018, 144, 76-86.	11.3	51
4	Electrochemical tap water softening: A zero chemical input approach. <i>Water Research</i> , 2020, 169, 115263.	11.3	37
5	Electrochemically Induced Precipitation Enables Fresh Urine Stabilization and Facilitates Source Separation. <i>Environmental Science & Technology</i> , 2020, 54, 3618-3627.	10.0	28
6	Environmental and economic sustainability of the nitrogen recovery paradigm: Evidence from a structured literature review. <i>Resources, Conservation and Recycling</i> , 2022, 184, 106406.	10.8	23
7	An Appraisal of Urine Derivatives Integrated in the Nitrogen and Phosphorus Inputs of a Lettuce Soilless Cultivation System. <i>Sustainability</i> , 2021, 13, 4218.	3.2	15
8	Urine nitrification with a synthetic microbial community. <i>Systematic and Applied Microbiology</i> , 2019, 42, 126021.	2.8	12
9	Electrochemical In Situ pH Control Enables Chemical-Free Full Urine Nitrification with Concomitant Nitrate Extraction. <i>Environmental Science & Technology</i> , 2021, 55, 8287-8298.	10.0	9
10	Root-Associated Bacterial Community Shifts in Hydroponic Lettuce Cultured with Urine-Derived Fertilizer. <i>Microorganisms</i> , 2021, 9, 1326.	3.6	8