

# Romain Lemaire

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5335341/publications.pdf>

Version: 2024-02-01

10  
papers

1,165  
citations

1162367

8  
h-index

1372195

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

1028  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Modeling of Nitrous Oxide Production from Nitrification Reactors Treating Real Anaerobic Digestion Liquor. <i>Scientific Reports</i> , 2016, 6, 25336.  | 1.6 | 7         |
| 2  | Advanced Control System to Reduce N <sub>2</sub> O Emission and Improve Performance of an SBR Treating N-Rich Effluent Via Nitrite Pathway. <i>Proceedings of the Water Environment Federation</i> , 2011, 2011, 6480-6493.     | 0.0 | 7         |
| 3  | A sequencing batch reactor system for high-level biological nitrogen and phosphorus removal from abattoir wastewater. <i>Biodegradation</i> , 2009, 20, 339-350.  | 1.5 | 39        |
| 4  | Simultaneous nitrification, denitrification, and phosphorus removal from nutrient-rich industrial wastewater using granular sludge. <i>Biotechnology and Bioengineering</i> , 2008, 100, 529-541.                               | 1.7 | 215       |
| 5  | Achieving the nitrite pathway using aeration phase length control and step-feed in an SBR removing nutrients from abattoir wastewater. <i>Biotechnology and Bioengineering</i> , 2008, 100, 1228-1236.                          | 1.7 | 96        |
| 6  | Micro-scale observations of the structure of aerobic microbial granules used for the treatment of nutrient-rich industrial wastewater. <i>ISME Journal</i> , 2008, 2, 528-541.  | 4.4 | 131       |
| 7  | Microbial distribution of <i>Accumulibacter</i> spp. and <i>Competibacter</i> spp. in aerobic granules from a lab-scale biological nutrient removal system. <i>Environmental Microbiology</i> , 2008, 10, 354-363.              | 1.8 | 86        |
| 8  | Effectiveness of an alternating aerobic, anoxic/anaerobic strategy for maintaining biomass activity of BNR sludge during long-term starvation. <i>Water Research</i> , 2007, 41, 2590-2598.                                     | 5.3 | 54        |
| 9  | Identifying causes for N <sub>2</sub> O accumulation in a lab-scale sequencing batch reactor performing simultaneous nitrification, denitrification and phosphorus removal. <i>Journal of Biotechnology</i> , 2006, 122, 62-72. | 1.9 | 139       |
| 10 | Simultaneous nitrification, denitrification, and phosphorus removal in a lab-scale sequencing batch reactor. <i>Biotechnology and Bioengineering</i> , 2003, 84, 170-178.   | 1.7 | 391       |