

Adrian M Oehmen

List of Publications by Year in descending order

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125
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docs citations

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times ranked

5910
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Advances in enhanced biological phosphorus removal: From micro to macro scale. <i>Water Research</i> , 2007, 41, 2271-2300. | 11.3 | 998 |
| 2 | The role of nitrite and free nitrous acid (FNA) in wastewater treatment plants. <i>Water Research</i> , 2011, 45, 4672-4682. | 11.3 | 352 |
| 3 | Modeling the PAOâ€™GAO competition: Effects of carbon source, pH and temperature. <i>Water Research</i> , 2009, 43, 450-462. | 11.3 | 309 |
| 4 | Denitrifying phosphorus removal: Linking the process performance with the microbial community structure. <i>Water Research</i> , 2007, 41, 4383-4396. | 11.3 | 302 |
| 5 | Optimisation of poly- ¹² -hydroxyalkanoate analysis using gas chromatography for enhanced biological phosphorus removal systems. <i>Journal of Chromatography A</i> , 2005, 1070, 131-136. | 3.7 | 244 |
| 6 | Comparison of acetate and propionate uptake by polyphosphate accumulating organisms and glycogen accumulating organisms. <i>Biotechnology and Bioengineering</i> , 2005, 91, 162-168. | 3.3 | 233 |
| 7 | Obtaining highly enriched cultures of <i>Candidatus Accumulibacter phosphates</i> through alternating carbon sources. <i>Water Research</i> , 2006, 40, 3838-3848. | 11.3 | 207 |
| 8 | Anaerobic metabolism of propionate by polyphosphate-accumulating organisms in enhanced biological phosphorus removal systems. <i>Biotechnology and Bioengineering</i> , 2005, 91, 43-53. | 3.3 | 179 |
| 9 | Competition between polyphosphate and glycogen accumulating organisms in enhanced biological phosphorus removal systems with acetate and propionate as carbon sources. <i>Journal of Biotechnology</i> , 2006, 123, 22-32. | 3.8 | 174 |
| 10 | The effect of pH on the competition between polyphosphate-accumulating organisms and glycogen-accumulating organisms. <i>Water Research</i> , 2005, 39, 3727-3737. | 11.3 | 167 |
| 11 | Photodegradation kinetics and transformation products of ketoprofen, diclofenac and atenolol in pure water and treated wastewater. <i>Journal of Hazardous Materials</i> , 2013, 244-245, 516-527. | 12.4 | 157 |
| 12 | Metabolic shift of polyphosphate-accumulating organisms with different levels of polyphosphate storage. <i>Water Research</i> , 2012, 46, 1889-1900. | 11.3 | 148 |
| 13 | Status of hormones and painkillers in wastewater effluents across several European statesâ€™ considerations for the EU watch list concerning estradiols and diclofenac. <i>Environmental Science and Pollution Research</i> , 2016, 23, 12835-12866. | 5.3 | 141 |
| 14 | The effect of GAOs (glycogen accumulating organisms) on anaerobic carbon requirements in full-scale Australian EBPR (enhanced biological phosphorus removal) plants. <i>Water Science and Technology</i> , 2003, 47, 37-43. | 2.5 | 136 |
| 15 | Assessing the removal of pharmaceuticals and personal care products in a full-scale activated sludge plant. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1818-1827. | 5.3 | 132 |
| 16 | Removal of heavy metals from drinking water supplies through the ion exchange membrane bioreactor. <i>Desalination</i> , 2006, 199, 405-407. | 8.2 | 131 |
| 17 | A review of the biotransformations of priority pharmaceuticals in biological wastewater treatment processes. <i>Water Research</i> , 2021, 188, 116446. | 11.3 | 131 |
| 18 | Incorporating microbial ecology into the metabolic modelling of polyphosphate accumulating organisms and glycogen accumulating organisms. <i>Water Research</i> , 2010, 44, 4992-5004. | 11.3 | 130 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Metabolism and ecological niche of Tetrasphaera and Ca. Accumulibacter in enhanced biological phosphorus removal. <i>Water Research</i> , 2017, 122, 159-171. | 11.3 | 124 |
| 20 | Photosynthetic mixed culture polyhydroxyalkanoate (PHA) production from individual and mixed volatile fatty acids (VFAs): Substrate preferences and co-substrate uptake. <i>Journal of Biotechnology</i> , 2014, 185, 19-27. | 3.8 | 119 |
| 21 | Mercury removal from water streams through the ion exchange membrane bioreactor concept. <i>Journal of Hazardous Materials</i> , 2014, 264, 65-70. | 12.4 | 115 |
| 22 | Analysis of 65 pharmaceuticals and personal care products in 5 wastewater treatment plants in Portugal using a simplified analytical methodology. <i>Water Science and Technology</i> , 2010, 62, 2862-2871. | 2.5 | 114 |
| 23 | Anaerobic and aerobic metabolism of glycogen-accumulating organisms selected with propionate as the sole carbon source. <i>Microbiology (United Kingdom)</i> , 2006, 152, 2767-2778. | 1.8 | 108 |
| 24 | The impact of aeration on the competition between polyphosphate accumulating organisms and glycogen accumulating organisms. <i>Water Research</i> , 2014, 66, 296-307. | 11.3 | 107 |
| 25 | Ecotoxicity of ketoprofen, diclofenac, atenolol and their photolysis byproducts in zebrafish (<i>Danio</i>) Tj ETQq1 1 0.784314 rgBT /Overlock | 8.0 | 103 |
| 26 | Purple phototrophic bacteria for resource recovery: Challenges and opportunities. <i>Biotechnology Advances</i> , 2020, 43, 107567. | 11.7 | 103 |
| 27 | Critical review of activated sludge modeling: State of process knowledge, modeling concepts, and limitations. <i>Biotechnology and Bioengineering</i> , 2013, 110, 24-46. | 3.3 | 97 |
| 28 | The relationship between mixed microbial culture composition and PHA production performance from fermented molasses. <i>New Biotechnology</i> , 2014, 31, 257-263. | 4.4 | 90 |
| 29 | Modelling the population dynamics and metabolic diversity of organisms relevant in anaerobic/anoxic/aerobic enhanced biological phosphorus removal processes. <i>Water Research</i> , 2010, 44, 4473-4486. | 11.3 | 89 |
| 30 | The link of feast-phase dissolved oxygen (DO) with substrate competition and microbial selection in PHA production. <i>Water Research</i> , 2017, 112, 269-278. | 11.3 | 88 |
| 31 | Metabolic versatility in full-scale wastewater treatment plants performing enhanced biological phosphorus removal. <i>Water Research</i> , 2013, 47, 7032-7041. | 11.3 | 84 |
| 32 | Polyhydroxyalkanoates production by a mixed photosynthetic consortium of bacteria and algae. <i>Bioresource Technology</i> , 2013, 132, 146-153. | 9.6 | 83 |
| 33 | Control of nitrate recirculation flow in predenitrification systems. <i>Water Science and Technology</i> , 2002, 45, 29-36. | 2.5 | 80 |
| 34 | Assessing the diurnal variability of pharmaceutical and personal care products in a full-scale activated sludge plant. <i>Environmental Pollution</i> , 2011, 159, 2359-2367. | 7.5 | 79 |
| 35 | Anaerobic metabolism of <i>Deftluviococcus vanus</i> related glycogen accumulating organisms (GAOs) with acetate and propionate as carbon sources. <i>Water Research</i> , 2007, 41, 1885-1896. | 11.3 | 75 |
| 36 | Short-term effects of carbon source on the competition of polyphosphate accumulating organisms and glycogen accumulating organisms. <i>Water Science and Technology</i> , 2004, 50, 139-144. | 2.5 | 73 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | New framework for standardized notation in wastewater treatment modelling. <i>Water Science and Technology</i> , 2010, 61, 841-857. | 2.5 | 73 |
| 38 | The effect of substrate competition on the metabolism of polyphosphate accumulating organisms (PAOs). <i>Water Research</i> , 2014, 64, 149-159. | 11.3 | 71 |
| 39 | Denitrifying capabilities of <i>Tetrasphaera</i> and their contribution towards nitrous oxide production in enhanced biological phosphorus removal processes. <i>Water Research</i> , 2018, 137, 262-272. | 11.3 | 67 |
| 40 | Arsenic removal from drinking water through a hybrid ion exchange membrane “Coagulation process. <i>Separation and Purification Technology</i> , 2011, 83, 137-143. | 7.9 | 66 |
| 41 | Development of a Novel Process Integrating the Treatment of Sludge Reject Water and the Production of Polyhydroxyalkanoates (PHAs). <i>Environmental Science & Technology</i> , 2015, 49, 10877-10885. | 10.0 | 66 |
| 42 | Optimisation of glycogen quantification in mixed microbial cultures. <i>Bioresource Technology</i> , 2012, 118, 518-525. | 9.6 | 61 |
| 43 | Determination of the extraction kinetics for the quantification of polyhydroxyalkanoate monomers in mixed microbial systems. <i>Process Biochemistry</i> , 2013, 48, 1626-1634. | 3.7 | 61 |
| 44 | Metabolic modelling of polyhydroxyalkanoate copolymers production by mixed microbial cultures. <i>BMC Systems Biology</i> , 2008, 2, 59. | 3.0 | 59 |
| 45 | Elucidating functional microorganisms and metabolic mechanisms in a novel engineered ecosystem integrating C, N, P and S biotransformation by metagenomics. <i>Water Research</i> , 2019, 148, 219-230. | 11.3 | 54 |
| 46 | Improving polyhydroxyalkanoates production in phototrophic mixed cultures by optimizing accumulator reactor operating conditions. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 1085-1092. | 7.5 | 53 |
| 47 | Assessing the abundance and activity of denitrifying polyphosphate accumulating organisms through molecular and chemical techniques. <i>Water Science and Technology</i> , 2010, 61, 2061-2068. | 2.5 | 49 |
| 48 | Microbial population analysis of nutrient removal-related organisms in membrane bioreactors. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 2171-2180. | 3.6 | 49 |
| 49 | Distinctive denitrifying capabilities lead to differences in N ₂ O production by denitrifying polyphosphate accumulating organisms and denitrifying glycogen accumulating organisms. <i>Bioresource Technology</i> , 2016, 219, 106-113. | 9.6 | 49 |
| 50 | Beyond feast and famine: Selecting a PHA accumulating photosynthetic mixed culture in a permanent feast regime. <i>Water Research</i> , 2016, 105, 421-428. | 11.3 | 47 |
| 51 | <i>Oerskovia paurometabola</i> can efficiently decolorize azo dye Acid Red 14 and remove its recalcitrant metabolite. <i>Ecotoxicology and Environmental Safety</i> , 2020, 191, 110007. | 6.0 | 45 |
| 52 | Modelling the biodegradation of non-steroidal anti-inflammatory drugs (NSAIDs) by activated sludge and a pure culture. <i>Bioresource Technology</i> , 2013, 133, 31-37. | 9.6 | 43 |
| 53 | Survival strategies of polyphosphate accumulating organisms and glycogen accumulating organisms under conditions of low organic loading. <i>Bioresource Technology</i> , 2014, 172, 290-296. | 9.6 | 43 |
| 54 | The source of reducing power in the anaerobic metabolism of polyphosphate accumulating organisms (PAOs) “a mini-review. <i>Water Science and Technology</i> , 2010, 61, 1653-1662. | 2.5 | 42 |

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|----|--|------|-----------|
| 55 | Biodegradation of clofibric acid and identification of its metabolites. <i>Journal of Hazardous Materials</i> , 2012, 241-242, 182-189. | 12.4 | 42 |
| 56 | Characterizing the biochemical activity of full-scale enhanced biological phosphorus removal systems: A comparison with metabolic models. <i>Biotechnology and Bioengineering</i> , 2008, 99, 170-179. | 3.3 | 41 |
| 57 | Metabolic modelling of full-scale enhanced biological phosphorus removal sludge. <i>Water Research</i> , 2014, 66, 283-295. | 11.3 | 41 |
| 58 | Assessment of online monitoring strategies for measuring N ₂ O emissions from full-scale wastewater treatment systems. <i>Water Research</i> , 2016, 99, 171-179. | 11.3 | 41 |
| 59 | The link between nitrous oxide emissions, microbial community profile and function from three full-scale WWTPs. <i>Science of the Total Environment</i> , 2019, 651, 2460-2472. | 8.0 | 40 |
| 60 | The impact of pH control on the volumetric productivity of mixed culture PHA production from fermented molasses. <i>Engineering in Life Sciences</i> , 2014, 14, 143-152. | 3.6 | 38 |
| 61 | Denitrifiers in Mainstream Anammox Processes: Competitors or Supporters?. <i>Environmental Science & Technology</i> , 2019, 53, 11063-11065. | 10.0 | 38 |
| 62 | Impact of biogenic substrates on sulfamethoxazole biodegradation kinetics by <i>Achromobacter</i> denitrificans strain PR1. <i>Biodegradation</i> , 2017, 28, 205-217. | 3.0 | 37 |
| 63 | Robustness of sludge enriched with short SBR cycles for biological nutrient removal. <i>Bioresource Technology</i> , 2009, 100, 1969-1976. | 9.6 | 36 |
| 64 | Bioaugmentation of membrane bioreactor with <i>Achromobacter</i> denitrificans strain PR1 for enhanced sulfamethoxazole removal in wastewater. <i>Science of the Total Environment</i> , 2019, 648, 44-55. | 8.0 | 36 |
| 65 | Metabolic modeling of the substrate competition among multiple VFAs for PHA production by mixed microbial cultures. <i>Journal of Biotechnology</i> , 2018, 280, 62-69. | 3.8 | 34 |
| 66 | Metabolite identification of ibuprofen biodegradation by <i>Patulibacter medicamentivorans</i> under aerobic conditions. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 450-465. | 2.2 | 34 |
| 67 | Effect of dark/light periods on the polyhydroxyalkanoate production of a photosynthetic mixed culture. <i>Bioresource Technology</i> , 2013, 148, 474-479. | 9.6 | 32 |
| 68 | The storage compounds associated with <i>Tetrasphaera</i> PAO metabolism and the relationship between diversity and P removal. <i>Water Research</i> , 2021, 204, 117621. | 11.3 | 32 |
| 69 | Biological treatment of propanil and 3,4-dichloroaniline: Kinetic and microbiological characterisation. <i>Water Research</i> , 2010, 44, 4980-4991. | 11.3 | 30 |
| 70 | Sludge population optimisation in biological nutrient removal wastewater treatment systems through on-line process control: a re/view. <i>Reviews in Environmental Science and Biotechnology</i> , 2008, 7, 243-254. | 8.1 | 29 |
| 71 | The effect of carbon source on the biological reduction of ionic mercury. <i>Journal of Hazardous Materials</i> , 2009, 165, 1040-1048. | 12.4 | 28 |
| 72 | A novel metabolic-ASM model for full-scale biological nutrient removal systems. <i>Water Research</i> , 2020, 171, 115373. | 11.3 | 28 |

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|----|--|------|-----------|
| 73 | Polymer accumulation in mixed cyanobacterial cultures selected under the feast and famine strategy. <i>Algal Research</i> , 2018, 33, 99-108. | 4.6 | 27 |
| 74 | <i>Accumulibacter</i> diversity at the sub-clade level impacts enhanced biological phosphorus removal performance. <i>Water Research</i> , 2021, 199, 117210. | 11.3 | 27 |
| 75 | Modeling the Aerobic Metabolism of Polyphosphate-accumulating Organisms Enriched with Propionate as a Carbon Source. <i>Water Environment Research</i> , 2007, 79, 2477-2486. | 2.7 | 24 |
| 76 | The impact of operational strategies on the performance of a photo-EBPR system. <i>Water Research</i> , 2018, 129, 190-198. | 11.3 | 24 |
| 77 | Modified Poly(acrylic acid)-Based Hydrogels for Enhanced Mainstream Removal of Ammonium from Domestic Wastewater. <i>Environmental Science & Technology</i> , 2020, 54, 9573-9583. | 10.0 | 24 |
| 78 | Performance of a two-stage anaerobic digestion system treating fruit pulp waste: The impact of substrate shift and operational conditions. <i>Waste Management</i> , 2018, 78, 434-445. | 7.4 | 23 |
| 79 | Two-stage anaerobic digestion system treating different seasonal fruit pulp wastes: Impact on biogas and hydrogen production and total energy recovery potential. <i>Biomass and Bioenergy</i> , 2020, 141, 105694. | 5.7 | 22 |
| 80 | Achieving combined biological short-cut nitrogen and phosphorus removal in a one sludge system with side-stream sludge treatment. <i>Water Research</i> , 2021, 203, 117563. | 11.3 | 22 |
| 81 | Modelling the metabolic shift of polyphosphate-accumulating organisms. <i>Water Research</i> , 2014, 65, 235-244. | 11.3 | 21 |
| 82 | Application of dissolved oxygen (DO) level control for polyhydroxyalkanoate (PHA) accumulation with concurrent nitrification in surplus municipal activated sludge. <i>New Biotechnology</i> , 2019, 50, 37-43. | 4.4 | 21 |
| 83 | Polyhydroxyalkanoates production from fermented domestic wastewater using phototrophic mixed cultures. <i>Water Research</i> , 2021, 197, 117101. | 11.3 | 21 |
| 84 | The impact of temperature on the metabolism of volatile fatty acids by polyphosphate accumulating organisms (PAOs). <i>Environmental Research</i> , 2020, 188, 109729. | 7.5 | 20 |
| 85 | Application of a Loss Causation Model to the Westray Mine Explosion. <i>Chemical Engineering Research and Design</i> , 2002, 80, 55-59. | 5.6 | 19 |
| 86 | Intracellular polyphosphate length characterization in polyphosphate accumulating microorganisms (PAOs): Implications in PAO phenotypic diversity and enhanced biological phosphorus removal performance. <i>Water Research</i> , 2021, 206, 117726. | 11.3 | 19 |
| 87 | Removal of inorganic charged micropollutants from drinking water supplies by hybrid ion exchange membrane processes. <i>Desalination</i> , 2008, 223, 85-90. | 8.2 | 18 |
| 88 | Novel Microelectrode-Based Online System for Monitoring N ₂ O Gas Emissions during Wastewater Treatment. <i>Environmental Science & Technology</i> , 2014, 48, 12816-12823. | 10.0 | 18 |
| 89 | Nutrient removal via nitrite from reject water and polyhydroxyalkanoate (PHA) storage during nitrifying conditions. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 1802-1810. | 3.2 | 17 |
| 90 | Denitrification activity of polyphosphate accumulating organisms (PAOs) in full-scale wastewater treatment plants. <i>Water Science and Technology</i> , 2018, 78, 2449-2458. | 2.5 | 17 |

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|-----|---|------|-----------|
| 91 | Community profile governs substrate competition in polyhydroxyalkanoate (PHA)-producing mixed cultures. <i>New Biotechnology</i> , 2020, 58, 32-37. | 4.4 | 17 |
| 92 | Butyrate can support PAOs but not GAOs in tropical climates. <i>Water Research</i> , 2021, 193, 116884. | 11.3 | 17 |
| 93 | Disinfectant efficacy in distribution systems: a pilot-scale assessment. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2008, 57, 507-518. | 1.4 | 16 |
| 94 | Polyhydroxyalkanoate granules quantification in mixed microbial cultures using image analysis: Sudan Black B versus Nile Blue A staining. <i>Analytica Chimica Acta</i> , 2015, 865, 8-15. | 5.4 | 16 |
| 95 | Modelling the biodegradation kinetics of the herbicide propanil and its metabolite 3,4-dichloroaniline. <i>Environmental Science and Pollution Research</i> , 2015, 22, 6687-6695. | 5.3 | 16 |
| 96 | Modelling energy costs for different operational strategies of a large water resource recovery facility. <i>Water Science and Technology</i> , 2017, 75, 2139-2148. | 2.5 | 16 |
| 97 | The link between the microbial ecology, gene expression, and biokinetics of denitrifying polyphosphate-accumulating systems under different electron acceptor combinations. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6725-6737. | 3.6 | 16 |
| 98 | Bioaugmentation of activated sludge with <i>Achromobacter denitrificans</i> PR1 for enhancing the biotransformation of sulfamethoxazole and its human conjugates in real wastewater: Kinetic tests and modelling. <i>Chemical Engineering Journal</i> , 2018, 352, 79-89. | 12.7 | 16 |
| 99 | The impact of biomass withdrawal strategy on the biomass selection and polyhydroxyalkanoates accumulation of mixed microbial cultures. <i>New Biotechnology</i> , 2022, 66, 8-15. | 4.4 | 16 |
| 100 | Prediction of intracellular storage polymers using quantitative image analysis in enhanced biological phosphorus removal systems. <i>Analytica Chimica Acta</i> , 2013, 770, 36-44. | 5.4 | 15 |
| 101 | Propionate addition enhances the biodegradation of the xenobiotic herbicide propanil and its metabolite. <i>Bioresource Technology</i> , 2013, 127, 195-201. | 9.6 | 11 |
| 102 | Long-term simulation of a full-scale EBPR plant with a novel metabolic-ASM model and its use as a diagnostic tool. <i>Water Research</i> , 2020, 187, 116398. | 11.3 | 11 |
| 103 | <i>Defluviicoccus vanus</i> Glycogen-Accumulating Organisms (GAOs) Are Less Competitive Than Polyphosphate-Accumulating Organisms (PAOs) at High Temperature. <i>ACS ES&T Water</i> , 2021, 1, 319-327. | 4.6 | 11 |
| 104 | Nitrous oxide emissions from a full-scale biological aerated filter (BAF) subject to seawater infiltration. <i>Environmental Science and Pollution Research</i> , 2019, 26, 20939-20948. | 5.3 | 10 |
| 105 | The effect of seed sludge on the selection of a photo-EBPR system. <i>New Biotechnology</i> , 2019, 49, 112-119. | 4.4 | 8 |
| 106 | The impact of a seasonal change in loading rate on the nitrous oxide emissions at the WWTP of a tourist region. <i>Science of the Total Environment</i> , 2022, 804, 149987. | 8.0 | 8 |
| 107 | The impact of the art-ICA control technology on the performance, energy consumption and greenhouse gas emissions of full-scale wastewater treatment plants. <i>Journal of Cleaner Production</i> , 2019, 213, 680-687. | 9.3 | 7 |
| 108 | Diclofenac biotransformation in the enhanced biological phosphorus removal process. <i>Science of the Total Environment</i> , 2022, 806, 151232. | 8.0 | 7 |

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|-----|--|------|-----------|
| 109 | Can sample treatments based on advanced oxidation processes assisted by high-intensity focused ultrasound be used for toxic arsenic determination in human urine by flow-injection hydride-generation atomic absorption spectrometry?. <i>Talanta</i> , 2007, 72, 968-975. | 5.5 | 6 |
| 110 | Implications of Urine-to-Feces Ratio in the Thermophilic Anaerobic Digestion of Swine Waste. <i>Water Environment Research</i> , 2008, 80, 267-275. | 2.7 | 6 |
| 111 | Dynamics of Microbial Communities in Phototrophic Polyhydroxyalkanoate Accumulating Cultures. <i>Microorganisms</i> , 2022, 10, 351. | 3.6 | 6 |
| 112 | Development and implementation of a non-parametric/metabolic model in the process optimisation of PHA production by mixed microbial cultures. <i>Computer Aided Chemical Engineering</i> , 2007, 24, 995-1000. | 0.5 | 4 |
| 113 | Phosphorus and ammonium removal characteristics from aqueous solutions by a newly isolated plant growth-promoting bacterium. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 2603-2617. | 2.2 | 4 |
| 114 | Modeling the aerobic metabolism of polyphosphate-accumulating organisms enriched with propionate as a carbon source. <i>Water Environment Research</i> , 2007, 79, 2477-86. | 2.7 | 4 |
| 115 | Response to the comment on "Modelling the PAO-GAO competition: Effects of carbon source, pH and temperature" by Dwight Houweling et al.. <i>Water Research</i> , 2009, 43, 2950-2951. | 11.3 | 3 |
| 116 | Microbial Characterization of Mercury-Reducing Mixed Cultures Enriched with Different Carbon Sources. <i>Microbes and Environments</i> , 2011, 26, 293-300. | 1.6 | 3 |
| 117 | Expanding ASM models towards integrated processes for short-cut nitrogen removal and bioplastic recovery. <i>Science of the Total Environment</i> , 2022, 821, 153492. | 8.0 | 3 |
| 118 | Romania needs overseas reviewers. <i>Nature</i> , 2012, 492, 186-186. | 27.8 | 1 |
| 119 | Monitoring intracellular polyphosphate accumulation in enhanced biological phosphorus removal systems by quantitative image analysis. <i>Water Science and Technology</i> , 2014, 69, 2315-2323. | 2.5 | 1 |
| 120 | ON-LINE METABOLIC FLUX ANALYSIS IN A PHB PRODUCTION PROCESS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2007, 40, 237-242. | 0.4 | 0 |
| 121 | COMPARISON OF ACETATE AND PROPIONATE AS CARBON SOURCE IN DENITRIFYING PHOSPHORUS REMOVAL SYSTEMS. <i>Proceedings of the Water Environment Federation</i> , 2007, 2007, 127-135. | 0.0 | 0 |
| 122 | METABOLIC MODEL OF THE AEROBIC METABOLISM OF POLYPHOSPHATE ACCUMULATING ORGANISMS WITH A PROPIONATE CARBON SOURCE. <i>Proceedings of the Water Environment Federation</i> , 2007, 2007, 1243-1255. | 0.0 | 0 |
| 123 | Modelling operational costs of a large water resource recovery facility receiving stormwater contributions. <i>Urban Water Journal</i> , 2018, 15, 23-31. | 2.1 | 0 |
| 124 | Upscaled and validated technologies for the production of bio-based materials from wastewater. , 2022, , 197-222. | | 0 |
| 125 | Resource recovery from municipal wastewater: what and how much is there?. , 2022, , 1-19. | | 0 |