

Paul A Lant

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

132
papers

7,450⁰
citations

47
h-index

84
g-index

135
ext. papers

8,257
ext. citations

6.9
avg, IF

6.14
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 132 | The Transition to Improved Water-Related Energy Management: Enabling Contexts for Policy Innovation. <i>Water (Switzerland)</i> , 2020 , 12, 557 | 3 | 1 |
| 131 | Public attitudes towards bioplastics knowledge, perception and end-of-life management. <i>Resources, Conservation and Recycling</i> , 2019 , 151, 104479 | 11.9 | 63 |
| 130 | Thermophilic production of poly(3-hydroxybutyrate-co-3-hydrovalerate) by a mixed methane-utilizing culture. <i>New Biotechnology</i> , 2019 , 53, 49-56 | 6.4 | 13 |
| 129 | Learning from experience in the water sector to improve access to energy services. <i>Utilities Policy</i> , 2018 , 51, 41-50 | 3.3 | 1 |
| 128 | Environmental impact of biodegradable food packaging when considering food waste. <i>Journal of Cleaner Production</i> , 2018 , 180, 325-334 | 10.3 | 97 |
| 127 | Polyhydroxyalkanoate coatings restrict moisture uptake and associated loss of barrier properties of thermoplastic starch films. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46379 | 2.9 | 13 |
| 126 | Energy implications of the millennium drought on urban water cycles in Southeast Australian cities. <i>Water Science and Technology: Water Supply</i> , 2018 , 18, 214-221 | 1.4 | 3 |
| 125 | Is MSW derived DME a viable clean cooking fuel in Kolkata, India?. <i>Renewable Energy</i> , 2018 , 124, 50-60 | 8.1 | 2 |
| 124 | Direct and indirect water use within the Australian economy. <i>Water Policy</i> , 2018 , 20, 1227-1239 | 1.6 | 3 |
| 123 | Can coal-derived DME reduce the dependence on solid cooking fuels in India?. <i>Energy for Sustainable Development</i> , 2017 , 37, 51-59 | 5.4 | 4 |
| 122 | The effect of water demand management in showers on household energy use. <i>Journal of Cleaner Production</i> , 2017 , 157, 177-189 | 10.3 | 12 |
| 121 | City-scale analysis of water-related energy identifies more cost-effective solutions. <i>Water Research</i> , 2017 , 109, 287-298 | 12.5 | 16 |
| 120 | Regional-scale variability of cold water temperature: Implications for household water-related energy demand. <i>Resources, Conservation and Recycling</i> , 2017 , 124, 107-115 | 11.9 | 2 |
| 119 | Energy use for water provision in cities. <i>Journal of Cleaner Production</i> , 2017 , 143, 699-709 | 10.3 | 72 |
| 118 | Defection, recruitment and social change in cooking practices: Energy poverty through a social practice lens. <i>Energy Research and Social Science</i> , 2017 , 34, 272-280 | 7.7 | 19 |
| 117 | The challenge of characterising food waste at a national level: An Australian example. <i>Environmental Science and Policy</i> , 2017 , 78, 157-166 | 6.2 | 15 |
| 116 | Life-cycle energy impacts for adapting an urban water supply system to droughts. <i>Water Research</i> , 2017 , 127, 139-149 | 12.5 | 8 |

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| 115 | Producing a CO ₂ -neutral clean cooking fuel in India ¶Where and at what cost?. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 19067-19078 | 6.7 | 6 |
| 114 | Rural energy planning remains out-of-step with contemporary paradigms of energy access and development. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 67, 1412-1419 | 16.2 | 34 |
| 113 | Food waste consequences: Environmentally extended input-output as a framework for analysis. <i>Journal of Cleaner Production</i> , 2017 , 153, 506-514 | 10.3 | 52 |
| 112 | Understanding Australian household water-related energy use and identifying physical and human characteristics of major end uses. <i>Journal of Cleaner Production</i> , 2016 , 135, 892-906 | 10.3 | 38 |
| 111 | Enhanced methane production from algal digestion using free nitrous acid pre-treatment. <i>Renewable Energy</i> , 2016 , 88, 383-390 | 8.1 | 26 |
| 110 | The Opportunity for High-Performance Biomaterials from Methane. <i>Microorganisms</i> , 2016 , 4, | 4.9 | 71 |
| 109 | Techno-economic assessment of poly-3-hydroxybutyrate (PHB) production from methane¶¶The case for thermophilic bioprocessing. <i>Journal of Environmental Chemical Engineering</i> , 2016 , 4, 3724-3733 | 6.8 | 62 |
| 108 | Comparison of water-energy trajectories of two major regions experiencing water shortage. <i>Journal of Environmental Management</i> , 2016 , 181, 403-412 | 7.9 | 22 |
| 107 | Household analysis identifies water-related energy efficiency opportunities. <i>Energy and Buildings</i> , 2016 , 131, 21-34 | 7 | 15 |
| 106 | A laboratory investigation of interactions between denitrifying anaerobic methane oxidation (DAMO) and anammox processes in anoxic environments. <i>Scientific Reports</i> , 2015 , 5, 8706 | 4.9 | 58 |
| 105 | Enhanced triacylglyceride extraction from microalgae using free nitrous acid pre-treatment. <i>Applied Energy</i> , 2015 , 154, 183-189 | 10.7 | 7 |
| 104 | Environmental Benefits and Burdens of Phosphorus Recovery from Municipal Wastewater. <i>Environmental Science & Technology</i> , 2015 , 49, 8611-22 | 10.3 | 75 |
| 103 | The diverse environmental burden of city-scale urban water systems. <i>Water Research</i> , 2015 , 81, 398-415 | 12.5 | 45 |
| 102 | A systemic framework and analysis of urban water energy. <i>Environmental Modelling and Software</i> , 2015 , 73, 272-285 | 5.2 | 47 |
| 101 | The contribution of bacteria to algal growth by carbon cycling. <i>Biotechnology and Bioengineering</i> , 2015 , 112, 688-95 | 4.9 | 35 |
| 100 | Value-added bioplastics from services of wastewater treatment. <i>Water Practice and Technology</i> , 2015 , 10, 546-555 | 0.9 | 18 |
| 99 | How Does Energy Efficiency Affect Urban Water Systems?. <i>Global Issues in Water Policy</i> , 2015 , 615-631 | 0.9 | 2 |
| 98 | Modelling microalgal activity as a function of inorganic carbon concentration: accounting for the impact of pH on the bicarbonate system. <i>Journal of Applied Phycology</i> , 2014 , 26, 1343-1350 | 3.2 | 8 |

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| 97 | Enhanced lipid extraction from algae using free nitrous acid pretreatment. <i>Bioresource Technology</i> , 2014 , 159, 36-40 | 11 | 51 |
| 96 | Crystallisation and fractionation of selected polyhydroxyalkanoates produced from mixed cultures. <i>New Biotechnology</i> , 2014 , 31, 345-56 | 6.4 | 33 |
| 95 | In-line monitoring of thermal degradation of PHA during melt-processing by Near-Infrared spectroscopy. <i>New Biotechnology</i> , 2014 , 31, 357-63 | 6.4 | 20 |
| 94 | Thermal properties and crystallization behavior of fractionated blocky and random polyhydroxyalkanoate copolymers from mixed microbial cultures. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a | 2.9 | 18 |
| 93 | The chemomechanical properties of microbial polyhydroxyalkanoates. <i>Progress in Polymer Science</i> , 2014 , 39, 397-442 | 29.6 | 135 |
| 92 | Waste Activated Sludge as Biomass for Production of Commercial-Grade Polyhydroxyalkanoate (PHA). <i>Waste and Biomass Valorization</i> , 2013 , 4, 117-127 | 3.2 | 22 |
| 91 | Physicochemical and mechanical properties of mixed culture polyhydroxyalkanoate (PHBV). <i>European Polymer Journal</i> , 2013 , 49, 904-913 | 5.2 | 70 |
| 90 | The chemomechanical properties of microbial polyhydroxyalkanoates. <i>Progress in Polymer Science</i> , 2013 , 38, 536-583 | 29.6 | 269 |
| 89 | High pressure thermal hydrolysis as pre-treatment to increase the methane yield during anaerobic digestion of microalgae. <i>Bioresource Technology</i> , 2013 , 131, 128-33 | 11 | 121 |
| 88 | Fossil organic carbon in wastewater and its fate in treatment plants. <i>Water Research</i> , 2013 , 47, 5270-81 | 12.5 | 64 |
| 87 | Water-related energy in households: A model designed to understand the current state and simulate possible measures. <i>Energy and Buildings</i> , 2013 , 58, 378-389 | 7 | 53 |
| 86 | The confounding effect of nitrite on N ₂ O production by an enriched ammonia-oxidizing culture. <i>Environmental Science & Technology</i> , 2013 , 47, 7186-94 | 10.3 | 65 |
| 85 | Development of a novel electrochemical system for oxygen control (ESOC) to examine dissolved oxygen inhibition on algal activity. <i>Biotechnology and Bioengineering</i> , 2013 , 110, 2405-11 | 4.9 | 8 |
| 84 | Including N ₂ O in ozone depletion models for LCA. <i>International Journal of Life Cycle Assessment</i> , 2012 , 17, 252-257 | 4.6 | 16 |
| 83 | Inhibition by fatty acids during fermentation of pre-treated waste activated sludge. <i>Journal of Biotechnology</i> , 2012 , 159, 38-43 | 3.7 | 44 |
| 82 | Evaluating industry-based doctoral research programs: perspectives and outcomes of Australian Cooperative Research Centre graduates. <i>Studies in Higher Education</i> , 2012 , 37, 843-858 | 2.6 | 25 |
| 81 | Microaerophilic conditions support elevated mixed culture polyhydroxyalkanoate (PHA) yields, but result in decreased PHA production rates. <i>Water Science and Technology</i> , 2012 , 65, 243-6 | 2.2 | 19 |
| 80 | N ₂ O production rate of an enriched ammonia-oxidising bacteria culture exponentially correlates to its ammonia oxidation rate. <i>Water Research</i> , 2012 , 46, 3409-19 | 12.5 | 150 |

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| 79 | Biodegradation in a soil environment of activated sludge derived polyhydroxyalkanoate (PHBV). <i>Polymer Degradation and Stability</i> , 2012 , 97, 2301-2312 | 4.7 | 58 |
| 78 | Phosphorus recovery from centralised municipal water recycling plants. <i>Chemical Engineering Research and Design</i> , 2012 , 90, 78-85 | 5.5 | 33 |
| 77 | Microbial community analysis during continuous fermentation of thermally hydrolysed waste activated sludge. <i>Water Science and Technology</i> , 2012 , 65, 7-14 | 2.2 | 8 |
| 76 | Life Cycle Assessment Of An Urban Water System On the East Coast Of Australia. <i>Proceedings of the Water Environment Federation</i> , 2012 , 2012, 5278-5307 | | 2 |
| 75 | Quantifying water-Energy links and related carbon emissions in cities. <i>Journal of Water and Climate Change</i> , 2011 , 2, 247-259 | 2.3 | 40 |
| 74 | The effect of pH on N2O production under aerobic conditions in a partial nitrification system. <i>Water Research</i> , 2011 , 45, 5934-44 | 12.5 | 133 |
| 73 | Effect of nitrate and nitrite on the selection of microorganisms in the denitrifying anaerobic methane oxidation process. <i>Environmental Microbiology Reports</i> , 2011 , 3, 315-9 | 3.7 | 85 |
| 72 | Production of volatile fatty acids by fermentation of waste activated sludge pre-treated in full-scale thermal hydrolysis plants. <i>Bioresource Technology</i> , 2011 , 102, 3089-97 | 11 | 122 |
| 71 | The connection between water and energy in cities: a review. <i>Water Science and Technology</i> , 2011 , 63, 1983-90 | 2.2 | 126 |
| 70 | Life cycle assessment of high-rate anaerobic treatment, microbial fuel cells, and microbial electrolysis cells. <i>Environmental Science & Technology</i> , 2010 , 44, 3629-37 | 10.3 | 211 |
| 69 | Nitrous oxide generation in full-scale biological nutrient removal wastewater treatment plants. <i>Water Research</i> , 2010 , 44, 831-44 | 12.5 | 292 |
| 68 | Comprehensive life cycle inventories of alternative wastewater treatment systems. <i>Water Research</i> , 2010 , 44, 1654-66 | 12.5 | 268 |
| 67 | Production of polyhydroxyalkanoates in open, mixed cultures from a waste sludge stream containing high levels of soluble organics, nitrogen and phosphorus. <i>Water Research</i> , 2010 , 44, 5196-211 | 12.5 | 115 |
| 66 | Rapid quantification of intracellular PHA using infrared spectroscopy: an application in mixed cultures. <i>Journal of Biotechnology</i> , 2010 , 150, 372-9 | 3.7 | 54 |
| 65 | Dissolved methane in rising main sewer systems: field measurements and simple model development for estimating greenhouse gas emissions. <i>Water Science and Technology</i> , 2009 , 60, 2963-7 | 2.2 | 63 |
| 64 | Regional normalisation figures for Australia 2005/2006 inventory and characterisation data from a production perspective. <i>International Journal of Life Cycle Assessment</i> , 2009 , 14, 215-224 | 4.6 | 10 |
| 63 | Simultaneous colour and DON removal from sewage treatment plant effluent: alum coagulation of melanoidin. <i>Water Research</i> , 2009 , 43, 553-61 | 12.5 | 44 |
| 62 | Enrichment of denitrifying anaerobic methane oxidizing microorganisms. <i>Environmental Microbiology Reports</i> , 2009 , 1, 377-84 | 3.7 | 163 |

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| 61 | Decreasing activated sludge thermal hydrolysis temperature reduces product colour, without decreasing degradability. <i>Water Research</i> , 2008 , 42, 4699-709 | 12.5 | 182 |
| 60 | The degradation of dissolved organic nitrogen associated with melanoidin using a UV/H ₂ O ₂ AOP. <i>Chemosphere</i> , 2008 , 71, 1745-53 | 8.4 | 47 |
| 59 | Biodegradability of DOC and DON for UV/H ₂ O ₂ pre-treated melanoidin based wastewater. <i>Biochemical Engineering Journal</i> , 2008 , 42, 47-54 | 4.2 | 30 |
| 58 | Comparative life cycle assessment and financial analysis of mixed culture polyhydroxyalkanoate production. <i>Bioresource Technology</i> , 2007 , 98, 3393-403 | 11 | 123 |
| 57 | Thiocyanate degradation during activated sludge treatment of coke-ovens wastewater. <i>Biochemical Engineering Journal</i> , 2007 , 34, 122-130 | 4.2 | 91 |
| 56 | Developing professional researchers: research students' graduate attributes. <i>Studies in Continuing Education</i> , 2007 , 29, 19-36 | 1.7 | 25 |
| 55 | Bioprocess applications of model-based estimation techniques. <i>Journal of Chemical Technology and Biotechnology</i> , 2007 , 53, 265-277 | 3.5 | 26 |
| 54 | Solids characterisation in an anaerobic migrating bed reactor (AMBR) sewage treatment system. <i>Water Research</i> , 2007 , 41, 2437-48 | 12.5 | 13 |
| 53 | Eliminating non-renewable CO ₂ emissions from sewage treatment: an anaerobic migrating bed reactor pilot plant study. <i>Biotechnology and Bioengineering</i> , 2006 , 95, 384-98 | 4.9 | 75 |
| 52 | Imagining an interdisciplinary doctoral pedagogy. <i>Teaching in Higher Education</i> , 2006 , 11, 365-379 | 1.4 | 51 |
| 51 | Hydrodynamics and mass transfer coefficient in three-phase air-lift reactors containing activated sludge. <i>Chemical Engineering and Processing: Process Intensification</i> , 2006 , 45, 608-617 | 3.7 | 37 |
| 50 | Balancing Curriculum Processes and Content in a Project Centred Curriculum. <i>Chemical Engineering Research and Design</i> , 2006 , 84, 619-628 | 5.5 | 8 |
| 49 | Introduction to Chemical Product Design. <i>Education for Chemical Engineers</i> , 2006 , 1, 66-71 | 2.4 | 3 |
| 48 | Balancing Curriculum Processes and Content in a Project Centred Curriculum. <i>Education for Chemical Engineers</i> , 2006 , 1, 39-48 | 2.4 | 26 |
| 47 | How Do We Ensure Good PhD Student Outcomes?. <i>Education for Chemical Engineers</i> , 2006 , 1, 72-81 | 2.4 | 16 |
| 46 | Reply to comment by Denny S. Parker on Impact of structural characteristics on activated sludge floc stability by Britt-Marie Wilf, Bo Jin and Paul Lant, published in Water Research (2003) 37, p. 3632-3645. <i>Water Research</i> , 2005 , 39, 738-740 | 12.5 | 1 |
| 45 | Simultaneous saccharification and fermentation of potato starch wastewater to lactic acid by <i>Rhizopus oryzae</i> and <i>Rhizopus arrhizus</i> . <i>Biochemical Engineering Journal</i> , 2005 , 23, 265-276 | 4.2 | 97 |
| 44 | Hydrodynamics and mass transfer coefficient in activated sludge aerated stirred column reactor: experimental analysis and modeling. <i>Biotechnology and Bioengineering</i> , 2005 , 91, 406-17 | 4.9 | 3 |

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| 43 | Direct fermentation of potato starch wastewater to lactic acid by <i>Rhizopus oryzae</i> and <i>Rhizopus arrhizus</i> . <i>Bioprocess and Biosystems Engineering</i> , 2005 , 27, 229-38 | 3.7 | 36 |
| 42 | Direct fermentation of potato starch in wastewater to lactic acid by <i>Rhizopus oryzae</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2004 , 9, 245-251 | 3.1 | 9 |
| 41 | Focused beam reflectance technique for in situ particle sizing in wastewater treatment settling tanks. <i>Journal of Chemical Technology and Biotechnology</i> , 2004 , 79, 610-618 | 3.5 | 27 |
| 40 | Impacts of morphological, physical and chemical properties of sludge flocs on dewaterability of activated sludge. <i>Chemical Engineering Journal</i> , 2004 , 98, 115-126 | 14.7 | 303 |
| 39 | Flow regime, hydrodynamics, floc size distribution and sludge properties in activated sludge bubble column, air-lift and aerated stirred reactors. <i>Chemical Engineering Science</i> , 2004 , 59, 2379-2388 | 4.4 | 40 |
| 38 | Relationship between flocculation of activated sludge and composition of extracellular polymeric substances. <i>Water Science and Technology</i> , 2003 , 47, 95-103 | 2.2 | 38 |
| 37 | Modelling the effect of shear history on activated sludge flocculation. <i>Water Science and Technology</i> , 2003 , 47, 251-257 | 2.2 | 29 |
| 36 | <i>Rhizopus arrhizus</i> --a producer for simultaneous saccharification and fermentation of starch waste materials to L(+)-lactic acid. <i>Biotechnology Letters</i> , 2003 , 25, 1983-7 | 3 | 37 |
| 35 | Biotechnological production of lactic acid integrated with potato wastewater treatment by <i>Rhizopus arrhizus</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2003 , 78, 899-906 | 3.5 | 48 |
| 34 | A comprehensive insight into floc characteristics and their impact on compressibility and settleability of activated sludge. <i>Chemical Engineering Journal</i> , 2003 , 95, 221-234 | 14.7 | 270 |
| 33 | The influence of key chemical constituents in activated sludge on surface and flocculating properties. <i>Water Research</i> , 2003 , 37, 2127-39 | 12.5 | 440 |
| 32 | Impacts of structural characteristics on activated sludge floc stability. <i>Water Research</i> , 2003 , 37, 3632-45 | 12.5 | 92 |
| 31 | Optimization and Control of Nitrogen Removal Activated Sludge Processes: A Review of Recent Developments. <i>Focus on Biotechnology</i> , 2003 , 187-227 | | 4 |
| 30 | Modelling the activated sludge flocculation process combining laser light diffraction particle sizing and population balance modelling (PBM). <i>Water Science and Technology</i> , 2002 , 45, 41-49 | 2.2 | 72 |
| 29 | Modelling activated sludge flocculation using population balances. <i>Powder Technology</i> , 2002 , 124, 201-211 | 1.1 | 54 |
| 28 | Increasing Flexibility in the Design of Wastewater Treatment Processes. <i>Water Environment Research</i> , 2001 , 73, 486-493 | 2.8 | 3 |
| 27 | Activated sludge flocculation: direct determination of the effect of calcium ions. <i>Water Science and Technology</i> , 2001 , 43, 75-82 | 2.2 | 29 |
| 26 | Sequencing batch reactor technology: the key to a BP refinery (Bulwer Island) upgraded environmental protection system - a low cost lagoon based retro-fit. <i>Water Science and Technology</i> , 2001 , 43, 339-346 | 2.2 | 9 |

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|----|--|------|-----|
| 25 | Using the World Wide Web to revolutionise technology transfer and training in the water and wastewater industries. <i>Water Science and Technology</i> , 2001 , 44, 127-134 | 2.2 | |
| 24 | Using the flexibility index to compare batch and continuous activated sludge processes. <i>Water Science and Technology</i> , 2001 , 43, 35-43 | 2.2 | 8 |
| 23 | Operating space diagrams: a tool for designers of wastewater treatment plants. <i>Water Science and Technology</i> , 2001 , 44, 69-76 | 2.2 | 2 |
| 22 | Biodegradation of high strength phenolic wastewater using SBR. <i>Water Science and Technology</i> , 2001 , 43, 299-306 | 2.2 | 13 |
| 21 | Weak Links in the Chain: A Diagnosis of Health Policy in Poor Countries. <i>World Bank Research Observer</i> , 2000 , 15, 199-224 | 3.1 | 117 |
| 20 | In situ respirometry in an SBR treating wastewater with high phenol concentrations. <i>Water Research</i> , 2000 , 34, 239-245 | 12.5 | 42 |
| 19 | Activated sludge flocculation: on-line determination of floc size and the effect of shear. <i>Water Research</i> , 2000 , 34, 2542-2550 | 12.5 | 266 |
| 18 | Advanced process control for biological nutrient removal. <i>Water Science and Technology</i> , 1999 , 39, 97-103. | 2 | |
| 17 | Model development for simultaneous nitrification and denitrification. <i>Water Science and Technology</i> , 1999 , 39, 235 | 2.2 | 31 |
| 16 | Mathematical modelling of prefermenters I Model development and verification. <i>Water Research</i> , 1999 , 33, 2757-2768 | 12.5 | 43 |
| 15 | Mathematical modelling of prefermenters II. Model applications. <i>Water Research</i> , 1999 , 33, 2844-2854 | 12.5 | 4 |
| 14 | Multivariable control of nutrient-removing activated sludge systems. <i>Water Research</i> , 1999 , 33, 2864-2878. | 12.5 | 42 |
| 13 | Characterising bioreactor mixing with residence time distribution (RTD) tests. <i>Water Science and Technology</i> , 1998 , 37, 43 | 2.2 | 8 |
| 12 | Benchmarking for process control: Should I invest in improved process control? <i>Water Science and Technology</i> , 1998 , 37, 49 | 2.2 | 3 |
| 11 | Output structural controllability: a tool for integrated process design and control. <i>Journal of Process Control</i> , 1998 , 8, 57-68 | 3.9 | 9 |
| 10 | Bacterial growth dynamics in activated sludge batch assays. <i>Water Research</i> , 1998 , 32, 587-596 | 12.5 | 20 |
| 9 | A systematic approach for reducing complex biological wastewater treatment models. <i>Water Research</i> , 1997 , 31, 590-606 | 12.5 | 34 |
| 8 | The influence of high phenol concentration on microbial growth. <i>Water Science and Technology</i> , 1997 , 36, 75 | 2.2 | 7 |

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| 7 | The impact of microbiological tools on mathematical modelling of biological wastewater treatment. <i>Water Science and Technology</i> , 1997 , 36, 97 | 2.2 | 1 |
| 6 | Simultaneous nitrification and denitrification in bench-scale sequencing batch reactors. <i>Water Research</i> , 1996 , 30, 277-284 | 12.5 | 301 |
| 5 | Control relevant model reduction: a reduced order model for Model IV fluid catalytic cracking units. <i>Journal of Process Control</i> , 1994 , 4, 3-14 | 3.9 | 5 |
| 4 | A lumped parameter model for Model IV fluid catalytic cracking units. <i>Computers and Chemical Engineering</i> , 1994 , 18, S177-S181 | 4 | 1 |
| 3 | On the applicability of adaptive bioprocess state estimators. <i>Biotechnology and Bioengineering</i> , 1993 , 42, 1311-21 | 4.9 | 8 |
| 2 | Soft-sensors for process estimation and inferential control. <i>Journal of Process Control</i> , 1991 , 1, 3-14 | 3.9 | 110 |
| 1 | Estimating the immeasurable without mechanistic models. <i>Trends in Biotechnology</i> , 1990 , 8, 82-83 | 15.1 | 2 |