

Dipankar Sen

List of Publications by Year in descending order

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11
papers

105
citations

1478505

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1281871

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citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Computational Model (AQUIFAS) for Activated Sludge, Integrated Fixed-Film Activated Sludge, and Moving-Bed Biofilm Reactor Systems, Part I: Semi-Empirical Model Development. Water Environment Research, 2008, 80, 439-453.	2.7	22
2	Computer Program Development for the Design of Integrated Fixed Film Activated Sludge Wastewater Treatment Processes. Journal of Environmental Engineering, ASCE, 2005, 131, 1540-1549.	1.4	16
3	Improved Computational Model (AQUIFAS) for Activated Sludge, Integrated Fixed-Film Activated Sludge, and Moving-Bed Biofilm Reactor Systems, Part II: Multilayer Biofilm Diffusional Model. Water Environment Research, 2008, 80, 624-632.	2.7	16
4	Improved Computational Model (AQUIFAS) for Activated Sludge, Integrated Fixed-Film Activated Sludge, and Moving-Bed Biofilm Reactor Systems, Part III: Analysis and Verification. Water Environment Research, 2008, 80, 633-646.	2.7	11
5	Evaluation of biological nutrient removal from wastewater by Twin Circulating Fluidized Bed Bioreactor (TCFBBR) using a predictive fluidization model and AQUIFAS APP. Bioresource Technology, 2011, 102, 2400-2410.	9.6	10
6	UNDERSTANDING THE IMPORTANCE OF AEROBIC MIXING, BIOFILM THICKNESS CONTROL AND MODELING ON THE SUCCESS OR FAILURE OF IFAS SYSTEMS FOR BIOLOGICAL NUTRIENT REMOVAL. Proceedings of the Water Environment Federation, 2007, 2007, 1098-1126.	0.0	6
7	Modeling biological nutrient removal in a liquid-solid circulating fluidized bed bioreactor. Journal of Chemical Technology and Biotechnology, 2010, 85, 1389-1401.	3.2	6
8	UNIFIED COMPUTATIONAL MODEL FOR ACTIVATED SLUDGE, IFAS AND MBBR SYSTEMS. Proceedings of the Water Environment Federation, 2005, 2005, 3889-3904.	0.0	5
9	Minimizing Aerobic and Post Anoxic Volume Requirements in Tertiary Integrated Fixed-Film Activated Sludge (IFAS) and Moving Bed Biofilm Reactor (MBBR) Systems Using the Aquifas Model. Proceedings of the Water Environment Federation, 2007, 2007, 201-228.	0.0	5
10	The Importance of Aerobic Mixing, Biofilm Thickness Control and Modeling on the Success or Failure of IFAS Systems for Biological Nutrient Removal. Water Practice, 2007, 1, 1-18.	0.1	5
11	Case Study of an IFAS System " Over 10 Years of Experience. Proceedings of the Water Environment Federation, 2006, 2006, 4309-4324.	0.0	3