Paul Serban Agachi

List of Publications by Year
in descending order

		1040056	996975
17 papers	431 citations	9 h-index	15 g-index
24 all docs	24 docs citations	24 times ranked	611 citing authors

#	Article	IF	Citations
1	Chord Length Distribution Based Modeling and Adaptive Model Predictive Control of Batch Crystallization Processes Using High Fidelity Full Population Balance Models. Industrial & Engineering Chemistry Research, 2018, 57, 3320-3332.	3.7	28
2	Model calibration and feedâ€forward control of the wastewater treatment plant â€" case study for CLUJâ€Napoca WWTP. Water and Environment Journal, 2018, 32, 164-172.	2.2	7
3	Real-Time Image Processing Based Online Feedback Control System for Cooling Batch Crystallization. Organic Process Research and Development, 2017, 21, 511-519.	2.7	48
4	Glycerol acetals and ketals as possible diesel additives. A review of their synthesis protocols. Renewable and Sustainable Energy Reviews, 2016, 62, 804-814.	16.4	101
5	Serum tests, liver stiffness and artificial neural networks for diagnosing cirrhosis and portal hypertension. Digestive and Liver Disease, 2015, 47, 411-416.	0.9	40
6	Development and economic assessment of different WWTP control strategies for optimal simultaneous removal of carbon, nitrogen and phosphorus. Computers and Chemical Engineering, 2013, 53, 164-177.	3.8	41
7	TECHNO-ECONOMICAL EVALUATION OF POST- AND PRE- COMBUSTION CARBON DIOXIDE CAPTURE METHODS APPLIED FOR AN IGCC POWER GENERATION PLANT. Environmental Engineering and Management Journal, 2013, 12, 2191-2201.	0.6	3
8	EVALUATION OF DIFFERENT CONTROL STRATEGIES OF THE WASTE WATER TREATMENT PLANT BASED ON A MODIFIED ACTIVATED SLUDGE MODEL NO. 3. Environmental Engineering and Management Journal, 2012, 11, 147-164.	0.6	15
9	Identification of pollution sources in the Romanian Somes River using graphical analysis of concentration profiles. Asia-Pacific Journal of Chemical Engineering, 2011, 6, 801-812.	1.5	2
10	Cost reduction of the wastewater treatment plant operation by MPC based on modified ASM1 with two-step nitrification/denitrification model. Computers and Chemical Engineering, 2011, 35, 2469-2479.	3.8	57
11	EXTENSION OF ACTIVATED SLUDGE MODEL NO 1 WITH TWO-STEP NITRIFICATION AND DENITRIFICATION PROCESSES FOR OPERATION IMPROVEMENT. Environmental Engineering and Management Journal, 2011, 10, 1529-1544.	0.6	16
12	Optimal Process Control and Operation of an Industrial Heat Integrated Fluid Catalytic Cracking Plant Using Model Predictive Control. Computer Aided Chemical Engineering, 2010, 28, 505-510.	0.5	7
13	Guest editorialÃ¢Â€Â"computer-aided process engineering. Asia-Pacific Journal of Chemical Engineering, 2009, 4, 843-844.	1.5	0
14	Mining of graphics for information and knowledge retrieval. Computers and Chemical Engineering, 2009, 33, 618-627.	3.8	6
15	Development, calibration and evaluation of two mathematical models for pollutant transport in a small river. Environmental Modelling and Software, 2009, 24, 1139-1152.	4.5	57
16	Sensitivity study of a heat integrated FCC plant. Computer Aided Chemical Engineering, 2009, , 465-470.	0.5	3
17	Study of NOx reduction in counter-current chromatographic reactor. , 2006, , .		0