Sten B JÃ¸rgensen

List of Publications by Year
in descending order

171 papers	3,630 citations	159358 30 h-index	155451 55 g-index
175 all docs	175 docs citations	175 times ranked	2970 citing authors

#	Article	IF	Citations
1	Optimal Feed Trajectories for Fedbatch Fermentation with Substrate Inhibition Kinetics. IFAC-PapersOnLine, 2021, 54, 318-323.	0.5	4
2	Modeling and system identification of an unconventional bioreactor used for single cell protein production. Chemical Engineering Journal, 2020, 390, 124438.	6.6	4
3	Economic Nonlinear Model Predictive Control of a U-loop Bioreactor. , 2020, , .		2
4	Dynamic investigation and modeling of the nitrogen cometabolism in Methylococcus capsulatus () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	7
5	Functional Modeling View on Product and Process Engineering in Design and Operations. Industrial & Engineering Chemistry Research, 2019, 58, 11129-11148.	1.8	6
6	Economic Optimal Control of a U-loop Bioreactor using Simultaneous Collocation-based Approaches. , 2019, , .		3
7	The Extended Kalman Filter for Nonlinear State Estimation in a U-loop Bioreactor. , 2019, , .		2
8	A Genome-Scale Metabolic Model for Methylococcus capsulatus (Bath) Suggests Reduced Efficiency Electron Transfer to the Particulate Methane Monooxygenase. Frontiers in Microbiology, 2018, 9, 2947.	1.5	40
9	PHA Based on First Principles Qualitative and Quantitative Models and Empirical Knowledge. , 2017, , .		0
10	Mixing and mass transfer in a pilot scale Uâ€loop bioreactor. Biotechnology and Bioengineering, 2017, 114, 344-354.	1.7	64
11	Economic Optimizing Control for Single-Cell Protein Production in a U-Loop Reactor. Computer Aided Chemical Engineering, 2017, 40, 1759-1764.	0.3	7
12	Cyclic distillation technology - a mini-review. Journal of Chemical Technology and Biotechnology, 2016, 91, 1215-1223.	1.6	25
13	New Realization of Periodic Cycled Separation. Industrial & Engineering Chemistry Research, 2016, 55, 1720-1730.	1.8	17
14	Data Driven Modeling for Monitoring and Control of Industrial Fed-Batch Cultivations. Industrial & Engineering Chemistry Research, 2014, 53, 7365-7381.	1.8	5
15	An integrated qualitative and quantitative modeling framework for computerâ€assisted HAZOP studies. AICHE Journal, 2014, 60, 4150-4173.	1.8	20
16	Reflections on the aerobic fermentation stoichiometry of crabtree positive yeasts. Biotechnology and Bioengineering, 2014, 111, 632-637.	1.7	5
17	Hazard identification by extended multilevel flow modelling with function roles. International Journal of Process Systems Engineering, 2014, 2, 203.	0.2	3
18	Hazard Identification of the Offshore Three-Phase Separation Process Based on Multilevel Flow Modeling and HAZOP. Lecture Notes in Computer Science, 2013, , 421-430.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Following an optimal batch bioreactor operations model. Chemical Engineering and Processing: Process Intensification, 2012, 62, 114-128.	1.8	4
20	Tuning SISO offset-free Model Predictive Control based on ARX models. Journal of Process Control, 2012, 22, 1997-2007.	1.7	48
21	pH control structure design for a periodically operated membrane separation process. Computers and Chemical Engineering, 2012, 43, 120-129.	2.0	9
22	Systematic Procedure for Integrated Process Operation. Computer Aided Chemical Engineering, 2011, 29, 1406-1410.	0.3	0
23	A design algorithm using external perturbation to improve Iterative Feedback Tuning convergence. Automatica, 2011, 47, 2665-2670.	3.0	20
24	Soft sensor design by multivariate fusion of image features and process measurements. Journal of Process Control, 2011, 21, 547-553.	1.7	38
25	Reverse Electro-Enhanced Dialysis for lactate recovery from a fermentation broth. Journal of Membrane Science, 2011, 374, 20-32.	4.1	15
26	Model based investigation of the potential lactate recovery using electro-enhanced dialysisâ€"Static analysis. Separation and Purification Technology, 2011, 78, 113-124.	3.9	5
27	Adaptive disturbance estimation for offset-free SISO Model Predictive Control. , 2011, , .		6
28	Systematic identification and robust control design for uncertain time delay processes. Computer Aided Chemical Engineering, 2011, , 442-446.	0.3	0
29	Modeling and Simulation of Single Cell Protein Production. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 502-507.	0.4	8
30	Control System Development for Integrated Bioreactor and Membrane Separation Process. Computer Aided Chemical Engineering, 2010, 28, 289-294.	0.3	2
31	A functional HAZOP methodology. Computers and Chemical Engineering, 2010, 34, 244-253.	2.0	58
32	Modeling Donnan dialysis separation for carboxylic anion recovery. Computers and Chemical Engineering, 2010, 34, 1567-1579.	2.0	17
33	Iterative feedback tuning of uncertain state space systems. Brazilian Journal of Chemical Engineering, 2010, 27, 461-472.	0.7	16
34	Tuning of methods for offset free MPC based on ARX model representations. , 2010, , .		18
35	Systematic Model Analysis for Single Cell Protein (SCP) Production in a U-Loop Reactor. Computer Aided Chemical Engineering, 2010, , 319-324.	0.3	12
36	ARX-Model based Model Predictive Control with Offset-Free Tracking. Computer Aided Chemical Engineering, 2010, 28, 601-606.	0.3	9

#	Article	IF	Citations
37	Data driven tuning of state space controllers with observes. , 2009, , .		3
38	Data Driven Tuning of State Space Control loops with unknown state information and model uncertainty.. Computer Aided Chemical Engineering, 2009, 26, 441-446.	0.3	7
39	Improving convergence of Iterative Feedback Tuning. Journal of Process Control, 2009, 19, 570-578.	1.7	60
40	Data-Driven Soft Sensor Design with Multiple-Rate Sampled Data: A Comparative Study. Industrial & Engineering Chemistry Research, 2009, 48, 5379-5387.	1.8	19
41	Lactic Acid Recovery in Electro-Enhanced Dialysis: Modelling and Validation. Computer Aided Chemical Engineering, 2009, 26, 773-778.	0.3	3
42	Iterative Feedback Tuning of State Space Control Loops with Observers Given Model Uncertainty.. Computer Aided Chemical Engineering, 2009, 27, 1359-1364.	0.3	2
43	A Goal Based HAZOP Assistant. Computer Aided Chemical Engineering, 2009, , 1129-1134.	0.3	2
44	Tool for Optimizing the Design and Operation of Reverse Electro-Enhanced Dialysis of Monoprotic Carboxylic Acids. Computer Aided Chemical Engineering, 2009, , 663-668.	0.3	2
45	A generalized autocovariance least-squares method for Kalman filter tuning. Journal of Process Control, 2008, 18, 769-779.	1.7	85
46	Optimal component lumping: Problem formulation and solution techniques. Computers and Chemical Engineering, 2008, 32, 1167-1172.	2.0	11
47	Structural parameter identifiability analysis for dynamic reaction networks. Chemical Engineering Science, 2008, 63, 4754-4762.	1.9	23
48	Bubble size estimation for flotation processes. Minerals Engineering, 2008, 21, 539-548.	1.8	52
49	Unreachable Setpoints in Model Predictive Control. IEEE Transactions on Automatic Control, 2008, 53, 2209-2215.	3.6	130
50	Observer and Data-Driven-Model-Based Fault Detection in Power Plant Coal Mills. IEEE Transactions on Energy Conversion, 2008, 23, 659-668.	3.7	48
51	Systematic qualitative experimental design based upon identifiability analysis. Computer Aided Chemical Engineering, 2007, 24, 57-62.	0.3	1
52	A tool for kalman filter tuning. Computer Aided Chemical Engineering, 2007, 24, 859-864.	0.3	25
53	Iterative controller tuning for processes with fold bifurcations. Computer Aided Chemical Engineering, 2007, 24, 835-840.	0.3	1
54	Optimization of a Six-Zone Simulated-Moving-Bed Chromatographic Process. Industrial & Engineering Chemistry Research, 2007, 46, 3684-3697.	1.8	9

#	Article	IF	Citations
55	Continuous-discrete time prediction-error identification relevant for linear model predictive control. , 2007, , .		1
56	A systematic approach for soft sensor development. Computers and Chemical Engineering, 2007, 31, 419-425.	2.0	267
57	Taking Credit for Loss Control Measures in the Plant with the Likely Loss Fire and Explosion Index (LL-F&EI). Chemical Engineering Research and Design, 2007, 85, 51-58.	2.7	12
58	Observer-Based and Regression Model-Based Detection of Emerging Faults in Coal Mills. , 2007, , 687-692.		5
59	Operating Pressure Sensitivity of DistillationControl Structure Consequences. Industrial & Engineering Chemistry Research, 2006, 45, 8310-8318.	1.8	12
60	Stochastic grey box modeling of the enzymatic biochemical reaction network of E. coli mutants. Computer Aided Chemical Engineering, 2006, 21, 161-166.	0.3	0
61	Grey-box stochastic modelling of industrial fed-batch cultivation. Computer Aided Chemical Engineering, 2006, , 421-426.	0.3	1
62	Systematic methodology for reproductile optimizing batch operation. Computer Aided Chemical Engineering, 2006, 21, 1275-1280.	0.3	3
63	Product quality estimation using multi-rate sampled data. Computer Aided Chemical Engineering, 2006, , 1389-1394.	0.3	0
64	SENSITIVITY ANALYSIS IN INDEX-1 DIFFERENTIAL ALGEBRAIC EQUATIONS BY ESDIRK METHODS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 212-217.	0.4	4
65	MODELLING FOR CONTROL: UNDERSTANDING ROLE AND FUNCTION OF REGULATORY NETWORKS IN MICROORGANISMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 13-18.	0.4	2
66	Modelling for control of industrial fermentation. Computer Aided Chemical Engineering, 2005, , 1351-1356.	0.3	0
67	EXPERIMENTAL INVESTIGATION OF DATADRIVEN MODELLING FOR CONTROL OF FED-BATCH CULTIVATION. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 19-26.	0.4	1
68	Comparative study of reactivity to CO2 of cokes used in stone wool production. Fuel Processing Technology, 2005, 86, 551-563.	3.7	7
69	Computer-aided model analysis for ionic strength-dependent effective charge of protein in ion-exchange chromatography. Biochemical Engineering Journal, 2005, 25, 125-140.	1.8	7
70	A systematic approach for soft sensor development. Computer Aided Chemical Engineering, 2005, , 1147-1152.	0.3	7
71	Conservation principles suspended solids distribution modelling to support ATS introduction on a recirculating WWTP. Water Science and Technology, 2004, 50, 179-188.	1.2	3
72	Parameter estimation in stochastic grey-box models. Automatica, 2004, 40, 225-237.	3.0	270

#	ARTICLE	IF	CITATIONS
73	A fast and accurate numerical method for solving simulated moving bed (SMB) chromatographic separation problems. Chemical Engineering Science, 2004, 59, 1931-1947.	1.9	41
74	Benchmarking combined biological phosphorus and nitrogen removal wastewater treatment processes. Control Engineering Practice, 2004, 12, 357-373.	3.2	88
75	Dynamic effects related to steady-state multiplicity in continuousSaccharomyces cerevisiaecultivations. Biotechnology and Bioengineering, 2004, 88, 838-848.	1.7	7
76	Activated sludge wastewater treatment plant modelling and simulation: state of the art. Environmental Modelling and Software, 2004, 19, 763-783.	1.9	388
77	A novel framework for simultaneous separation process and product design. Chemical Engineering and Processing: Process Intensification, 2004, 43, 595-608.	1.8	168
78	A novel partial differential algebraic equation (PDAE) solver: iterative space€"time conservation element/solution element (CE/SE) method. Computers and Chemical Engineering, 2004, 28, 1309-1324.	2.0	38
79	A method for systematic improvement of stochastic grey-box models. Computers and Chemical Engineering, 2004, 28, 1431-1449.	2.0	69
80	An ESDIRK method with sensitivity analysis capabilities. Computers and Chemical Engineering, 2004, 28, 2695-2707.	2.0	34
81	Optimization of simulated moving bed (SMB) chromatography: A multi-level optimization procedure. Computer Aided Chemical Engineering, 2004, 18, 1087-1092.	0.3	1
82	Stochastic Grey-Box Modelling as a Tool for Improving the Quality of First Engineering Principles Models. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 143-148.	0.4	4
83	Application of Recursive Principal Component Analysis to a Continuous Biological Phosphorus Removal Process. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 363-368.	0.4	1
84	Actuator Selection Based Upon Model Insights for an Energy Integrated Distillation Column. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 131-136.	0.4	0
85	Efficient sensitivity computation for nonlinear model predictive control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 567-572.	0.4	2
86	Nonlinear behavior analysis of heat integrated distillation. Computer Aided Chemical Engineering, 2004, 18, 691-696.	0.3	0
87	Conservation principles suspended solids distribution modelling to support ATS introduction on a recirculating WWTP. Water Science and Technology, 2004, 50, 179-88.	1.2	5
88	Experimental investigations of multiple steady states in aerobic continuous cultivations of Saccharomyces cerevisiae. Biotechnology and Bioengineering, 2003, 82, 766-777.	1.7	13
89	Experimental investigation and modelling of heat capacity, heat of fusion and melting interval of rocks. Thermochimica Acta, 2003, 406, 129-142.	1.2	17
90	Application of a Mathematical Model of a Mineral Melting Cupola. Industrial & Engineering Chemistry Research, 2003, 42, 6893-6897.	1.8	0

#	ARTICLE	IF	CITATIONS
91	Process-Insights-Based Control Structuring of an Integrated Distillation Pilot Plant. Industrial & Engineering Chemistry Research, 2003, 42, 4620-4627.	1.8	4
92	Experimental and model assisted investigation of an operational strategy for the BPR under low influent concentrations. Water Research, 2003, 37, 1953-1971.	5.3	5
93	Investigation of a Mineral Melting Cupola Furnace. Part I. Experimental Work. Industrial & Engineering Chemistry Research, 2003, 42, 6872-6879.	1.8	5
94	Investigation of a Mineral Melting Cupola Furnace. Part II. Mathematical Modeling. Industrial & Engineering Chemistry Research, 2003, 42, 6880-6892.	1.8	8
95	A generalized adsorption rate model based on the limiting-component constraint in ion-exchange chromatographic separation for multicomponent systems. Computer Aided Chemical Engineering, 2003, 14, 767-772.	0.3	0
96	An investigation of some tools for process model indentification for prediction. Computer Aided Chemical Engineering, 2003, 16, 41-62.	0.3	1
97	Data-Driven Modeling of Nonlinear and Time-Varying Processes. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 1615-1620.	0.4	2
98	A new modeling approach for future challenges in process and product design. Computer Aided Chemical Engineering, 2003, , 101-106.	0.3	0
99	Synthesis, design and operational modelling of batch processes: An integrated approach. Computer Aided Chemical Engineering, 2003, 14, 245-250.	0.3	0
100	Integration of design and control for energy integrated distillation. Computer Aided Chemical Engineering, 2003, 14, 449-454.	0.3	3
101	Developing phenomena models from experimental data. Computer Aided Chemical Engineering, 2003, 14, 1091-1096.	0.3	1
102	Analysis of optimal operation of an energy integrated distillation plant. Computer Aided Chemical Engineering, 2003, 15, 940-945.	0.3	0
103	Integrated synthesis, design and modelling of batch operations. Computer Aided Chemical Engineering, 2003, 15, 990-995.	0.3	0
104	Process software sensor for plant optimization. Computer Aided Chemical Engineering, 2003, , 1210-1215.	0.3	0
105	A unified framework for systematic model improvement. Computer Aided Chemical Engineering, 2003, 15, 1292-1297.	0.3	0
106	A General Framework for the Synthesis and Operational Design of Batch Processes. Computer Aided Chemical Engineering, 2002, 10, 289-294.	0.3	2
107	Using Continuous Time Stochastic Modelling and Nonparametric Statistics to Improve the Quality of First Principles Models. Computer Aided Chemical Engineering, 2002, , 901-906.	0.3	1
108	CONTROL STRATEGY EVALUATION FOR COMBINED N AND P REMOVAL USING A BENCHMARK WASTEWATER TREATMENT PLANT. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 381-386.	0.4	11

#	Article	IF	Citations
109	Computer aided model analysis and dynamic simulation of a wastewater treatment plant. Clean Technologies and Environmental Policy, 2002, 4, 100-114.	2.1	13
110	Performance analysis of a denitrifying wastewater treatment plant. Clean Technologies and Environmental Policy, 2002, 4, 171-182.	2.1	11
111	Integration of design and control through model analysis. Computers and Chemical Engineering, 2002, 26, 213-225.	2.0	31
112	Nonlinear analysis and control of a continuous fermentation process. Computers and Chemical Engineering, 2002, 26, 659-670.	2.0	47
113	GROWTH AND ENZYME PRODUCTION DURING CONTINUOUS CULTURES OF A HIGH AMYLASE-PRODUCING VARIANT OF Aspergillus Oryzae. Brazilian Journal of Chemical Engineering, 2002, 19, 55-68.	0.7	9
114	Bioreactor performance: a more scientific approach for practice. Journal of Biotechnology, 2001, 85, 187-212.	1.9	71
115	A biochemically structured model for Saccharomyces cerevisiae. Journal of Biotechnology, 2001, 88, 205-221.	1.9	109
116	Estimation of kinetic parameters in a structured yeast model using regularisation. Journal of Biotechnology, 2001, 88, 223-237.	1.9	17
117	State estimation for a biological phosphorus removal process using an asymptotic observer. Water Science and Technology, 2001, 43, 205-213.	1.2	8
118	Computer aided continuous time stochastic process modelling. Computer Aided Chemical Engineering, 2001, , 189-194.	0.3	2
119	Development of learning control for reproducible and high quality operation of batch processes. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 383-388.	0.4	0
120	Investigations of Multiple Steady-States in Continuous Cultivation of Saccharomyces cerevisiae. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 97-102.	0.4	1
121	Learning Control of Batch Processes. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 219-224.	0.4	0
122	Evaluation of the Potential Effects of Equalization on the Performance of Biological Phosphorus Removal Systems. Water Environment Research, 2001, 73, 276-285.	1.3	6
123	Bifurcation Control of Sample Chemical Reaction Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 569-574.	0.4	4
124	Towards automatic decentralized control structure selection. Computers and Chemical Engineering, 2000, 24, 841-846.	2.0	22
125	Integration of design and control through model analysis. Computers and Chemical Engineering, 2000, 24, 967-973.	2.0	23
126	Dynamics and control during startup of heat integrated distillation column. Computers and Chemical Engineering, 2000, 24, 1091-1097.	2.0	29

#	ARTICLE	IF	CITATIONS
127	Selection and characterization of a high Î±-amylase-producing variant in glucose-limited continuous cultures of Aspergillus oryzae. Mycological Research, 2000, 104, 1241-1249.	2.5	8
128	Energy efficient distillation by optimal distribution of heating and cooling requirements. Computer Aided Chemical Engineering, 2000, 8, 709-714.	0.3	8
129	Parametric uncertainty modeling for robust control: a link to identification. Computers and Chemical Engineering, 1999, 23, 987-1003.	2.0	11
130	Complex nonlinear behaviour of a fixed bed reactor with reactant recycle. Computers and Chemical Engineering, 1999, 23, S179-S182.	2.0	4
131	Nonlinear control of the salnikov model reaction. Computers and Chemical Engineering, 1999, 23, S289-S292.	2.0	0
132	Supervision of fed-batch fermentations. Chemical Engineering Journal, 1999, 75, 69-76.	6.6	76
133	Control structure selection for energy integrated distillation column. Journal of Process Control, 1998, 8, 185-195.	1.7	18
134	Multiple Steady States in Heterogeneous Azeotropic Distillation Sequences. Industrial & Engineering Chemistry Research, 1998, 37, 4434-4452.	1.8	23
135	Static Multiplicities in Heterogeneous Azeotropic Distillation Sequences. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 391-396.	0.4	0
136	Biochemical engineering science. Journal of Biotechnology, 1997, 59, 3-9.	1.9	17
137	Continuous cultivation start-up controlâ€"an experimental investigation. Journal of Biotechnology, 1997, 53, 55-66.	1.9	5
138	Regulation of a continuous yeast bioreactor near the critical dilution rate using a productostat. Journal of Biotechnology, 1997, 54, 1-14.	1.9	13
139	Simulation of penicillin production in fed-batch cultivations using a morphologically structured model. , 1997, 56, 593-604.		33
140	Heat exchanger network modelling framework for optimal design and retrofitting. Computers and Chemical Engineering, 1996, 20, S249-S254.	2.0	19
141	An output multiplicity in binary distillation: Experimental verification. Computers and Chemical Engineering, 1996, 20, S835-S840.	2.0	13
142	Control configurations for an energy integrated distillation column. Computers and Chemical Engineering, 1996, 20, S853-S858.	2.0	4
143	Control of Forced Cyclic Process. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1995, 28, 21-26.	0.4	1
144	Physical Implications of Periodic Solutions in a Fixed Bed Reactor with Recycle. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1995, 28, 197-202.	0.4	2

#	Article	IF	Citations
145	Grey box modelling for control: Qualitative models as a unifying framework. International Journal of Adaptive Control and Signal Processing, 1995, 9, 547-562.	2.3	18
146	Knowledge-based control structuring of a distillation plant start-up. Control Engineering Practice, 1995, 3, 423-430.	3.2	10
147	Efficient simulation of periodic cycled reactor operation. Computers and Chemical Engineering, 1995, 19, 483-488.	2.0	1
148	Efficient simulation of periodic cycled reactor operation. Computers and Chemical Engineering, 1995, 19, S483-S488.	2.0	0
149	Multiplicity in numerical solution of non-linear models: Separation processes. Computers and Chemical Engineering, 1994, 18, S55-S61.	2.0	37
150	A two stage procedure for control structure analysis and design. Computers and Chemical Engineering, 1994, 18, S465-S470.	2.0	3
151	Simulation, design, and analysis of azeotropic distillation operations. Industrial & Engineering Chemistry Research, 1993, 32, 620-633.	1.8	42
152	A tool for development of qualitative and approximate quantitative process models. Computers and Chemical Engineering, 1992, 16, S491-S498.	2.0	4
153	Qualitative model-based intelligent control of a distillation column. Engineering Applications of Artificial Intelligence, 1992, 5, 431-440.	4.3	9
154	Gas chromatographic subsystem for fast on-line concentration profile measurements for advanced distillation column control. Analytica Chimica Acta, 1990, 238, 139-148.	2.6	1
155	Dynamics and identification of a binary distillation column. Chemical Engineering Science, 1989, 44, 2571-2581.	1.9	43
156	An integration method for dynamic simulation of cycled processes. Computers and Chemical Engineering, 1989, 13, 927-930.	2.0	10
157	Stationary profiles for periodic cycled separation columns: linear case. Industrial & Engineering Chemistry Research, 1988, 27, 481-485.	1.8	9
158	Design algorithm for periodic cycled binary distillation columns. Industrial & Engineering Chemistry Research, 1987, 26, 1041-1043.	1.8	13
159	Optimal control of binary batch distillation with recycled waste cut. The Chemical Engineering Journal, 1987, 34, 57-64.	0.4	31
160	Optimal control of binary batch distillation in tray or packed columns. The Chemical Engineering Journal, 1986, 33, 151-155.	0.4	28
161	A sensorlocation procedure for chemical processes. Computers and Chemical Engineering, 1984, 8, 195-204.	2.0	21
162	Experimental investigation of axial and radial thermal dispersion in a packed bed. Chemical Engineering Science, 1983, 38, 835-842.	1.9	22

#	Article	IF	Citations
163	Fixed-bed reactor kalman filtering and optimal controlâ€"I Computational comparison of discrete vs continuous time formulation. Chemical Engineering Science, 1980, 35, 1223-1230.	1.9	26
164	Fixed bed reactor kalman filtering and optimal controlâ€"II Experimental investigation of discrete time case with stochastic disturbances. Chemical Engineering Science, 1980, 35, 1231-1236.	1.9	20
165	Dynamic modelling of a gas phase catalytic fixed-bed reactorâ€"I. Chemical Engineering Science, 1976, 31, 579-586.	1.9	30
166	Dynamic modelling of a gas phase catalytic fixed-bed reactorâ€"II. Chemical Engineering Science, 1976, 31, 587-598.	1.9	12
167	Dynamic modelling of a gas phase catalytic fixed bed reactorâ€"III. Chemical Engineering Science, 1976, 31, 473-479.	1.9	17
168	The Analysis of Convection and Diffusion in Capillary Beds. Annual Review of Biophysics and Bioengineering, 1974, 3, 293-339.	5.3	48
169	An analog simulation technique for distributed flow systems. Chemical Engineering Science, 1973, 28, 647-651.	1.9	1
170	Towards Understanding the Role and Function of Regulatory Networks in Microorganisms. , 0, , 223-264.		5
171	Modeling Drainage in Periodic Separation. Industrial & Engineering Chemistry Research, 0, , .	1.8	1