Jong Min Lee

List of Publications by Year in Descending Order

145 papers	1,749 citations	22 h-index	38 g-index
156 ext. papers	2,118 ext. citations	3.7 avg, IF	5.17 L-index

#	Paper	IF	Citations
145	Physics-informed deep learning for data-driven solutions of computational fluid dynamics. *Korean Journal of Chemical Engineering*, **2022**, 39, 515	2.8	0
144	Idle speed control with low-complexity offset-free explicit model predictive control in presence of system delay. *Control Engineering Practice*, **2022**, 119, 104990	3.9	0
143	Simultaneous analysis of hydrogen productivity and thermal efficiency of hydrogen production process using steam reforming via integrated process design and 3D CFD modeling. *Chemical Engineering Research and Design*, **2022**, 178, 466-477	5.5	1
142	Online Synchronization in Latent Variable Model Predictive Control for Trajectory Tracking of an Uneven Batch Process. *Industrial & Engineering Chemistry Research*, **2022**, 61, 594-604	3.9	
141	Learning of model-plant mismatch map via neural network modeling and its application to offset-free model predictive control. *Journal of Process Control*, **2022**, 115, 112-122	3.9	0
140	Droplet-Based Evaporative System for the Estimation of Protein Crystallization Kinetics. *Crystal Growth and Design*, **2021**, 21, 6064-6075	3.5	
139	Data-driven offset-free multilinear model predictive control using constrained differential dynamic programming. *Journal of Process Control*, **2021**, 107, 1-16	3.9	2
138	Multirate moving horizon estimation combined with parameter subset selection. *Computers and Chemical Engineering*, **2021**, 147, 107253	4	1
137	Automatic control of simulated moving bed process with deep Q-network. *Journal of Chromatography A*, **2021**, 1647, 462073	4.5	3
136	Clustered Manifold Approximation and Projection for Semisupervised Fault Diagnosis and Process Monitoring. *Industrial & Engineering Chemistry Research*, **2021**, 60, 9521-9531	3.9	1
135	Bayesian Optimization of Semicontinuous Carbonation Process Operation Recipe. *Industrial & Engineering Chemistry Research*, **2021**, 60, 9871-9884	3.9	
134	A two-way coupled CFD-DQMOM approach for long-term dynamic simulation of a fluidized bed reactor. *Korean Journal of Chemical Engineering*, **2021**, 38, 342-353	2.8	2
133	Dynamic optimization of cryogenic distillation operation for hydrogen isotope separation in fusion power plant. *International Journal of Hydrogen Energy*, **2021**, 46, 24135-24148	6.7	2
132	Design study of a cryogenic distillation column for hydrogen isotope separation system. *Fusion Engineering and Design*, **2021**, 172, 112736	1.7	0
131	Real-time synchronization with expected distribution of synchronized index for on-line monitoring of uneven multiphase batch process. *Computers and Chemical Engineering*, **2021**, 154, 107490	4	1
130	Ranking-Based Parameter Subset Selection for Nonlinear Dynamics with Stochastic Disturbances under Limited Data. *Industrial & Engineering Chemistry Research*, **2020**, 59, 21854-21868	3.9	3
129	Move blocked model predictive control with improved optimality using semi-explicit approach for applying time-varying blocking structure. *Journal of Process Control*, **2020**, 92, 50-61	3.9	10

128	Closed-loop Subspace Identification of Dual-rate Non-uniformly Sampled System under MPC with Zone Control. *International Journal of Control, Automation and Systems*, **2020**, 18, 2002-2011	2.9	0
127	Model-based reinforcement learning for nonlinear optimal control with practical asymptotic stability guarantees. *AICHE Journal*, **2020**, 66, e16544	3.6	3
126	A model-based deep reinforcement learning method applied to finite-horizon optimal control of nonlinear control-affine system. *Journal of Process Control*, **2020**, 87, 166-178	3.9	23
125	Move blocked model predictive control with guaranteed stability and improved optimality using linear interpolation of base sequences. *International Journal of Control*, **2020**, 1-13	1.5	7
124	Modeling long-time behaviors of industrial multiphase reactors for CO2 capture using CFD-based compartmental model. *Chemical Engineering Journal*, **2020**, 395, 125034	14.7	5
123	Ensemble learning based latent variable model predictive control for batch trajectory tracking under concept drift. *Computers and Chemical Engineering*, **2020**, 139, 106875	4	7
122	Modern Machine Learning Tools for Monitoring and Control of Industrial Processes: A Survey. *IFAC-PapersOnLine*, **2020**, 53, 218-229	0.7	3
121	Convergence analysis of the deep neural networks based globalized dual heuristic programming. *Automatica*, **2020**, 122, 109222	5.7	4
120	Construction of a Valid Domain for a Hybrid Model and Its Application to Dynamic Optimization with Controlled Exploration. *Industrial & Engineering Chemistry Research*, **2020**, 59, 16380-16395	3.9	6
119	Stochastic Iterative Learning Model Predictive Control based on Stochastic Approximation. *IFAC-PapersOnLine*, **2019**, 52, 604-609	0.7	2
118	Bayesian Inference of Aqueous Mineral Carbonation Kinetics for Carbon Capture and Utilization. *Industrial & Engineering Chemistry Research*, **2019**, 58, 8246-8259	3.9	8
117	Hybrid Nonlinear Model Predictive Control of LNT and Urealess SCR Aftertreatment System. *IEEE Transactions on Control Systems Technology*, **2019**, 27, 2305-2313	4.8	11
116	Transition Model for Simulated Moving Bed Under Nonideal Conditions. *Industrial & Engineering Chemistry Research*, **2019**, 58, 21625-21640	3.9	6
115	Backstepping control integrated with Lyapunov-based model predictive control. *Journal of Process Control*, **2019**, 73, 137-146	3.9	6
114	Efficient online model-based design of experiments via parameter subset selection for batch dynamical systems. *Computers and Chemical Engineering*, **2019**, 121, 646-653	4	4
113	A POMDP framework for integrated scheduling of infrastructure maintenance and inspection. *Computers and Chemical Engineering*, **2018**, 112, 239-252	4	5
112	Point-to-point iterative learning model predictive control. *Automatica*, **2018**, 89, 135-143	5.7	23
111	Rational engineering of ornithine decarboxylase with greater selectivity for ornithine over lysine through protein network analysis. *Journal of Biotechnology*, **2018**, 281, 175-182	3.7	5

110	NARX modeling for real-time optimization of air and gas compression systems in chemical processes. *Computers and Chemical Engineering*, **2018**, 115, 262-274	4	13
109	Successive complementary model-based experimental designs for parameter estimation of fed-batch bioreactors. *Bioprocess and Biosystems Engineering*, **2018**, 41, 1767-1777	3.7	1
108	Multi-objective Bayesian optimization of chemical reactor design using computational fluid dynamics. *Computers and Chemical Engineering*, **2018**, 119, 25-37	4	27
107	Reinforced Genetic Algorithm using Clustering based on Statistical Estimation. *IFAC-PapersOnLine*, **2018**, 51, 287-291	0.7	1
106	Deep reinforcement learning based finite-horizon optimal tracking control for nonlinear system. *IFAC-PapersOnLine*, **2018**, 51, 257-262	0.7	5
105	Multiobjective Optimal Design of a Lean NOx Trap and Urealess Selective Catalytic Reduction Aftertreatment System under a Control Algorithm. *Industrial & Engineering Chemistry Research*, **2018**, 57, 16772-16781	3.9	2
104	Design of single mixed refrigerant natural gas liquefaction process considering load variation. *Chemical Engineering Research and Design*, **2018**, 139, 89-103	5.5	10
103	Application of chemical reaction engineering principles to "body-on-a-chip" systems. *AICHE Journal*, **2018**, 64, 4351-4360	3.6	11
102	Modeling, simulation and structural analysis of a fluid catalytic cracking (FCC) process. *Korean Journal of Chemical Engineering*, **2018**, 35, 2327-2335	2.8	1
101	Experimental gradient estimation of multivariable systems with correlation by various regression methods and its application to modifier adaptation. *Journal of Process Control*, **2018**, 70, 65-79	3.9	7
100	Optimization of compression ratio in closed-loop CO2 liquefaction process. *Korean Journal of Chemical Engineering*, **2018**, 35, 2150-2156	2.8	2
99	Application of Dividing Wall Column in Silane Off-Gas Recovery Process: Optimal Design and Control. *Journal of Chemical Engineering of Japan*, **2018**, 51, 253-263	0.8	1
98	Diagnosis of partial blockage in water pipeline using support vector machine with fault-characteristic peaks in frequency domain. *Canadian Journal of Civil Engineering*, **2017**, 44, 707-714	1.3	6
97	Consensus algorithm-based approach to fundamental modeling of water pipe networks. *AICHE Journal*, **2017**, 63, 3860-3870	3.6	2
96	Optimal design and operating condition of boil-off CO2 re-liquefaction process, considering seawater temperature variation and compressor discharge temperature limit. *Chemical Engineering Research and Design*, **2017**, 124, 29-45	5.5	5
95	Conceptual Design of an Energy-Efficient Process for Separating Aromatic Compounds from Naphtha with a High Concentration of Aromatic Compounds Using 4-Methyl-N-butylpyridinium Tetrafluoroborate Ionic Liquid. *Industrial & Engineering Chemistry Research*, **2017**, 56, 7273-7284	3.9	6
94	Dynamic matrix control applied on propane-mixed refrigerant liquefaction process. *Korean Journal of Chemical Engineering*, **2017**, 34, 287-297	2.8	3
93	Iterative Learning Control Integrated with Model Predictive Control for Real-Time Disturbance Rejection of Batch Processes. *Journal of Chemical Engineering of Japan*, **2017**, 50, 415-421	0.8	18

92	Simultaneously Enhancing the Stability and Catalytic Activity of Multimeric Lysine Decarboxylase CadA by Engineering Interface Regions for Enzymatic Production of Cadaverine at High Concentration of Lysine. *Biotechnology Journal*, **2017**, 12, 1700278	5.6	20
91	Modeling of the polymerization of linear monomers in the presence of multifunctional units. *Polymer*, **2017**, 126, 74-86	3.9	2
90	A prioritization method for replacement of water mains using rank aggregation. *Korean Journal of Chemical Engineering*, **2017**, 34, 2584-2590	2.8	5
89	A pumpless multi-organ-on-a-chip (MOC) combined with a pharmacokinetic-pharmacodynamic (PK-PD) model. *Biotechnology and Bioengineering*, **2017**, 114, 432-443	4.9	78
88	Sponge-Like Li4Ti5O12 Constructed on Graphene for High Li Electroactivities. *Journal of Nanoscience and Nanotechnology*, **2017**, 17, 588-93	1.3	3
87	Online Burst Detection and Location of Water Distribution Systems and Its Practical Applications. *Journal of Water Resources Planning and Management - ASCE*, **2016**, 142, 04015033	2.8	26
86	Fundamental Modeling and Experimental Investigation of Polymer Washing Process. *IFAC-PapersOnLine*, **2016**, 49, 320-325	0.7	
85	Optimization of microalgal photobioreactor system using model predictive control with experimental validation. *Bioprocess and Biosystems Engineering*, **2016**, 39, 1235-46	3.7	9
84	Extension of the Hansen solubility parameter concept to the micronization of cyclotrimethylenetrinitramine crystals by supercritical anti-solvent process. *Journal of Supercritical Fluids*, **2016**, 111, 112-120	4.2	13
83	A semi-analytical method for determining the optimal stripper pressure in CO2 capture and liquefaction using monoethanolamine (MEA). *International Journal of Greenhouse Gas Control*, **2016**, 46, 271-281	4.2	4
82	Model Predictive Control (MPC)-Based Supervisory Control and Design of Off-Gas Recovery Plant with Periodic Disturbances from Parallel Batch Reactors. *Industrial & Engineering Chemistry Research*, **2016**, 55, 3013-3025	3.9	3
81	Dynamic optimization of maintenance and improvement planning for water main system: Periodic replacement approach. *Korean Journal of Chemical Engineering*, **2016**, 33, 25-32	2.8	2
80	Fundamental Modeling and Experimental Investigation of a Polymer Washing Batch Process. *Journal of Chemical Engineering of Japan*, **2016**, 49, 785-792	0.8	
79	Mechanistic study of glycerol dehydration on Brønsted acidic amorphous aluminosilicate. *Journal of Catalysis*, **2016**, 341, 33-43	7.3	33
78	Iterative learning model predictive control for constrained multivariable control of batch processes. *Computers and Chemical Engineering*, **2016**, 93, 284-292	4	51
77	Operational strategy of pre-cooling process of CO2 storage tank in CCS ship transportation using model-based optimization. *Chemical Engineering Research and Design*, **2016**, 109, 770-779	5.5	1
76	Tunable lithium storage properties of metal lithium titanates by stoichiometric modulation. *Electrochemistry Communications*, **2016**, 64, 26-29	5.1	7
75	Robust leak detection and its localization using interval estimation for water distribution network. *Computers and Chemical Engineering*, **2016**, 92, 1-17	4	28

74	A Sequential Method for Determining Optimal Stripper Pressure and Terminal Pressure in CO2 Capture and Liquefaction Process Using MEA. *IFAC-PapersOnLine*, **2016**, 49, 657-662	0.7	
73	Dynamic modelling and sensitivity analysis integrated LNT-pSCR system. *IFAC-PapersOnLine*, **2016**, 49, 326-331	0.7	4
72	Multi-period energy planning model under uncertainty in market prices and demands of energy resources: A case study of Korea power system. *Chemical Engineering Research and Design*, **2016**, 114, 341-358	5.5	9
71	Computationally efficient dynamic simulation of cellular kinetics via explicit solution of flux balance analysis: xDFBA modelling and its biochemical process applications. *Chemical Engineering Research and Design*, **2016**, 113, 85-95	5.5	2
70	Interfacial Adsorption and Redox Coupling of Li4Ti5O12 with Nanographene for High-Rate Lithium Storage. *ACS Applied Materials & Interfaces*, **2015**, 7, 16565-72	9.5	28
69	Optimal Design of a Gas Antisolvent Recrystallization Process of Cyclotetramethylenetetranitramine (HMX) with Particle Size Distribution Model. *Industrial & Engineering Chemistry Research*, **2015**, 54, 11087-11096	3.9	4
68	Stochastic iterative learning control for discrete linear time-invariant system with batch-varying reference trajectories. *Journal of Process Control*, **2015**, 36, 64-78	3.9	21
67	Robust parameter estimation for physiologically based pharmacokinetic model of Tegafur with dissolution dynamics. *Chemical Engineering Research and Design*, **2015**, 104, 730-739	5.5	2
66	Batch-Wise Nonlinear Model Predictive Control of a Gas Antisolvent Recrystallization Process for the Uniform Production of Micronized HMX with Carbon Dioxide as the Antisolvent. *Industrial & Engineering Chemistry Research*, **2015**, 54, 11894-11902	3.9	4
65	Optimal Scheduling of the Maintenance and Improvement for Water Main System Using Markov Decision Process. *IFAC-PapersOnLine*, **2015**, 48, 379-384	0.7	4
64	Robust Leakage Detection and Interval Estimation of Location in Water Distribution Network. *IFAC-PapersOnLine*, **2015**, 48, 1264-1269	0.7	7
63	Optimal Design and Operating Conditions of the CO2 Liquefaction Process, Considering Variations in Cooling Water Temperature. *Industrial & Engineering Chemistry Research*, **2015**, 54, 12855-12866	3.9	11
62	A comparative study of soft sensor design for lipid estimation of microalgal photobioreactor system with experimental validation. *Bioresource Technology*, **2015**, 179, 275-283	11	7
61	A Fault Magnitude-Based Strategy for Effective Fault Diagnosis and Isolation. *Journal of Chemical Engineering of Japan*, **2015**, 48, 44-51	0.8	1
60	Simulation-Based Optimization of Multistage Separation Process in Offshore Oil and Gas Production Facilities. *Industrial & Engineering Chemistry Research*, **2014**, 53, 8810-8820	3.9	16
59	Quantitative performance analysis of graphite-LiFePO4 battery working at low temperature. *Chemical Engineering Science*, **2014**, 118, 74-82	4.4	15
58	Dynamic modelling of mixotrophic microalgal photobioreactor systems with time-varying yield coefficient for the lipid consumption. *Bioresource Technology*, **2014**, 162, 228-35	11	23
57	Optimization of Microalgal Bioreactor Oil Production via Run-to-run Control. *Computer Aided Chemical Engineering*, **2014**, 1759-1764	0.6	

56	Iterative learning control algorithm for a class of discrete LTI system with batch-varying reference trajectories **2014**,		2
55	Simulation and Optimization of an Integrated CO2 Capture and Storage System. *Computer Aided Chemical Engineering*, **2014**, 1753-1758	0.6	1
54	Progress and challenges in control of chemical processes. *Annual Review of Chemical and Biomolecular Engineering*, **2014**, 5, 383-404	8.9	18
53	Nonlinear Modeling and Application of PI Control on Pre-cooling Session of a Carbon Dioxide Storage Tank at Normal Temperature and Pressure. *Korean Chemical Engineering Research*, **2014**, 52, 574-580		
52	A fault magnitude based strategy for effective fault classification. *Chemical Engineering Research and Design*, **2013**, 91, 530-541	5.5	2
51	A switching robust model predictive control approach for nonlinear systems. *Journal of Process Control*, **2013**, 23, 852-860	3.9	8
50	Real-time estimation of glucose concentration in algae cultivation system using Raman spectroscopy. *Bioresource Technology*, **2013**, 142, 131-7	11	31
49	A switching control strategy for nonlinear systems under uncertainty **2013**,		2
48	Parameter Estimation for Physiologically Based Pharmacokinetics Model Using Bayesian Inference. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2013**, 46, 637-642		
47	Integrating Flux Balance Analysis into Microalgae Growth Kinetics for Dynamic Simulation. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2013**, 46, 295-300		2
46	Sensitivity Analysis with Optimal Input Design and Model Predictive Control for Microalgal Bioreactor Systems. *Korean Chemical Engineering Research*, **2013**, 51, 87-92		3
45	An iterative optimization approach to design of control Lyapunov function. *Journal of Process Control*, **2012**, 22, 145-155	3.9	4
44	An Advanced Group Contribution Method for High-Dimensional, Sparse Data Sets. *Molecular Informatics*, **2012**, 31, 41-52	3.8	2
43	A tighter cut generation strategy for acceleration of Benders decomposition. *Computers and Chemical Engineering*, **2012**, 44, 84-93	4	13
42	Design of Experiments and Sensitivity Analysis for Microalgal Bioreactor Systems. *Computer Aided Chemical Engineering*, **2012**, 722-726	0.6	
41	Optimal Design of HMX recrystallization process using supercritical carbon dioxide as antisolvent. *Computer Aided Chemical Engineering*, **2012**, 31, 135-139	0.6	1
40	Sample-based approaches to decision making problems under uncertainty. *Canadian Journal of Chemical Engineering*, **2012**, 90, 385-395	2.3	1
39	Predicting concentrations of a mixture in bioreactor for on-line monitoring using Raman spectroscopy. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2012**, 45, 822-827		4

38	Dynamic Simulation and Optimization of Population Balance Model for Gas Anti-solvent Recrystallization Process. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2012**, 45, 245-249		1
37	Sensitivity analysis with optimal input design and model predictive control for microalgal bioreactor systems. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2012**, 45, 673-678		
36	Modeling and stochastic dynamic optimization for optimal energy resource allocation. *Computer Aided Chemical Engineering*, **2012**, 31, 765-769	0.6	1
35	Optimal planning of energy management system under demand uncertainty. *Computer Aided Chemical Engineering*, **2012**, 30, 347-351	0.6	
34	Modeling and Simulation of Ship Transport of CO2. *Computer Aided Chemical Engineering*, **2012**, 31, 785-789	0.6	
33	Bayesian method for multirate data synthesis and model calibration. *AICHE Journal*, **2011**, 57, 1514-1525	3.6	22
32	Stochastic Nonlinear Optimization for Robust Design of Catalysts. *Industrial & Engineering Chemistry Research*, **2011**, 50, 3938-3946	3.9	10
31	Model based fault tolerant control using the marginalized likelihood ratio test **2010**,		2
30	Min□max control using parametric approximate dynamic programming. *Control Engineering Practice* , **2010**, 18, 190-197	3.9	7
29	Constrained Bayesian state estimation □A comparative study and a new particle filter based approach. *Journal of Process Control*, **2010**, 20, 143-157	3.9	89
28	Probabilistic modeling and dynamic optimization for performance improvement and risk management of plant-wide operation. *Computers and Chemical Engineering*, **2010**, 34, 567-579	4	8
27	Probabilistic Modelling and Stochastic Dynamic Optimization for Managing Abnormal Situations in Plant-Wide Operations. *Computer Aided Chemical Engineering*, **2009**, 1287-1292	0.6	
26	An approximate dynamic programming based approach to dual adaptive control. *Journal of Process Control*, **2009**, 19, 859-864	3.9	39
25	Generalized orthogonal locality preserving projections for nonlinear fault detection and diagnosis. *Chemometrics and Intelligent Laboratory Systems*, **2009**, 96, 75-83	3.8	50
24	Learning a data-dependent kernel function for KPCA-based nonlinear process monitoring. *Chemical Engineering Research and Design*, **2009**, 87, 1471-1480	5.5	48
23	Nonlinear dynamical analysis and optimization for biological/biomedical systems. *Methods in Enzymology*, **2009**, 467, 435-459	1.7	
22	Dynamic analysis of integrated signaling, metabolic, and regulatory networks. *PLoS Computational Biology*, **2008**, 4, e1000086	5	149
21	Parametric Approximation of Piecewise Quadratic Value Functions for the Control of Complex Systems. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2008**, 41, 3252-3257		

20	Simulation-Based Design of Dual-Mode Controller for Non-Linear Processes. *Canadian Journal of Chemical Engineering*, **2008**, 85, 506-511	2.3	
19	Value function-based approach to the scheduling of multiple controllers. *Journal of Process Control*, **2008**, 18, 533-542	3.9	15
18	Flux balance analysis in the era of metabolomics. *Briefings in Bioinformatics*, **2006**, 7, 140-50	13.4	202
17	Approximate dynamic programming based approach to process control and scheduling. *Computers and Chemical Engineering*, **2006**, 30, 1603-1618	4	47
16	Choice of approximator and design of penalty function for an approximate dynamic programming based control approach. *Journal of Process Control*, **2006**, 16, 135-156	3.9	45
15	EMPIRICAL RESULTS ON CONVERGENCE AND EXPLORATION IN APPROXIMATE POLICY ITERATION. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2005**, 38, 544-549		
14	APPROXIMATE DYNAMIC PROGRAMMING STRATEGY FOR DUAL ADAPTIVE CONTROL. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2005**, 38, 459-464		1
13	Approximate dynamic programming-based approaches for input–output data-driven control of nonlinear processes. *Automatica*, **2005**, 41, 1281-1288	5.7	91
12	Simulation-based learning of cost-to-go for control of nonlinear processes. *Korean Journal of Chemical Engineering*, **2004**, 21, 338-344	2.8	16
11	An introduction to a dynamic plant-wide optimization strategy for an integrated plant. *Computers and Chemical Engineering*, **2004**, 29, 199-208	4	63
10	Simulation-Based Dual Mode Controller for Nonlinear Processes. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2004**, 37, 209-214		1
9	On interfacing model predictive controllers with a real-time optimizer. *Computer Aided Chemical Engineering*, **2003**, 910-915	0.6	1
8	Simulation based strategy for nonlinear optimal control: application to a microbial cell reactor. *International Journal of Robust and Nonlinear Control*, **2003**, 13, 347-363	3.6	24
7	Training Simulator Using Virtual Reality For Postural Balance Rehabilitation. *Journal of Korean Society of Medical Informatics*, **1998**, 4, 123		
6	Development of 3D CFD model of compact steam methane reforming process for standalone applications. *Korean Journal of Chemical Engineering*,1	2.8	1
5	Safety distance analysis to prevent pipeline chain accidents. *Korean Journal of Chemical Engineering*,1	2.8	0
4	Data-driven fault detection for chemical processes using autoencoder with data augmentation. *Korean Journal of Chemical Engineering*,1	2.8	1
3	Centralized and distributed hydrogen production using steam reforming: challenges and perspectives. *Sustainable Energy and Fuels*,	5.8	1

2	Integration of reinforcement learning and model predictive control to optimize semi-batch bioreactor. *AICHE Journal*,	3.6	1
1	Data-driven model predictive control design for offset-free tracking of nonlinear systems. *International Journal of Control*,1-16	1.5	