Chee Keong Tan

List of Publications by Year
in descending order

16 papers	216 citations	1307594 7 h-index	1125743 13 g-index
16 all docs	16 docs citations	16 times ranked	222 citing authors

#	Article	IF	Citations
1	Water quality assessment and pollution threat to safe water supply for three river basins in Malaysia. Science of the Total Environment, 2022, 832, 155067.	8.0	26
2	Kinetic characterization of a low-dissolved‑oxygen oxic-anoxic process treating low COD/N tropical wastewater revealed selection of nitrifiers with high substrate affinity. Journal of Water Process Engineering, 2021, 43, 102235.	5.6	5
3	Proportional-Integral passivity-based control design of perturbed non-standard Hamiltonian systems. IFAC-PapersOnLine, 2021, 54, 19-24.	0.9	4
4	Modelling and control in drinking water treatment plants: A case study using time‑varying feedforward control. Asia-Pacific Journal of Chemical Engineering, 2021, 16, .	1.5	0
5	Reduced‑order modeling of flow and concentration polarization in membrane systems with permeation. AICHE Journal, 2020, 66, e16851.	3.6	1
6	Reduced-order modelling of concentration polarization with varying permeation: Analysis of electro-osmosis in membranes. Desalination, 2020, 495, 114677.	8.2	4
7	Selected papers from 26th regional symposium on chemical engineering, Kuala Lumpur, Malaysia, October 2019. Asia-Pacific Journal of Chemical Engineering, 2020, 15, e2489.	1.5	0
8	Tracking-error-based control of a chemical reactor using decoupled dynamic variables. IFAC-PapersOnLine, 2019, 52, 74-79.	0.9	2
9	Tracking-error control via the relaxing port-Hamiltonian formulation: Application to level control and batch polymerization reactor. Journal of Process Control, 2019, 80, 152-166.	3.3	12
10	Subcritical water extraction of low methoxyl pectin from pomelo (Citrus grandis (L.) Osbeck) peels. International Journal of Biological Macromolecules, 2018, 116, 128-135.	7.5	77
11	A study on model predictive control in paste thickeners with rake torque constraint. Minerals Engineering, 2017, 105, 52-62.	4.3	30
12	A modified moving horizon estimation scheme for multi-timescale chemical processes. , 2017, , .		0
13	Model predictive control with non-uniformly spaced optimization horizon for multi-timescale processes. Computers and Chemical Engineering, 2016, 84, 162-170.	3.8	19
14	Studies on parameter estimation and model predictive control of paste thickeners. Journal of Process Control, 2015, 28, 1-8.	3.3	24
15	Non-Constant Prediction-Step MPC for Processes with Multi-Scale Dynamics. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 3068-3073.	0.4	7
16	Model Predictive Control of a Paste Thickener in Coal Handling and Preparation Plants. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 247-252.	0.4	5