Christine Chan

List of Publications by Year
in descending order

17 papers	714 citations	1040056 9 h-index	1058476 14 g-index
17 all docs	17 docs citations	17 times ranked	678 citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress and new developments in post-combustion carbon-capture technology with amine based solvents. International Journal of Greenhouse Gas Control, 2015, 40, 26-54.	4.6	403
2	A Doctrine of Cognitive Informatics (CI). Fundamenta Informaticae, 2009, 90, 203-228.	0.4	91
3	Cognitive Intelligence. International Journal of Cognitive Informatics and Natural Intelligence, 2016, 10, 1-20.	0.4	61
4	An Experimental Study of the Post-CHOPS Cyclic Solvent Injection Process. Journal of Energy Resources Technology, Transactions of the ASME, 2015, 137, .	2.3	35
5	Technology development and applications of artificial intelligence for post-combustion carbon dioxide capture: Critical literature review and perspectives. International Journal of Greenhouse Gas Control, 2021, 108, 103307.	4.6	26
6	A life cycle assessment study of a hypothetical Canadian oxy-fuel combustion carbon dioxide capture process. International Journal of Greenhouse Gas Control, 2014, 28, 257-274.	4.6	22
7	Optimizing the pressure decline rate on the cyclic solvent injection process for enhanced heavy oil recovery. Journal of Petroleum Science and Engineering, 2016, 145, 629-639.	4.2	20
8	Learning from a carbon dioxide capture system dataset: Application of the piecewise neural network algorithm. Petroleum, 2017, 3, 56-67.	2.8	20
9	Experimental and material balance equations analyses of cyclic solvent injection based on a large 3D physical model. Fuel, 2018, 215, 915-927.	6.4	13
10	An expert system for monitoring and diagnosis of ammonia emissions from the post-combustion carbon dioxide capture process system. International Journal of Greenhouse Gas Control, 2014, 26, 158-168.	4.6	6
11	Application of Genetic Algorithm (GA) in History Matching of the Vapour Extraction (VAPEX) Heavy Oil Recovery Process. Natural Resources Research, 2015, 24, 221-237.	4.7	5
12	Human health risks of post- and oxy-fuel combustion carbon dioxide capture technologies: Hypothetically modeled scenarios. International Journal of Greenhouse Gas Control, 2016, 47, 279-290.	4.6	5
13	Towards Developing the Piece-Wise Linear Neural Network Algorithm for Rule Extraction. International Journal of Cognitive Informatics and Natural Intelligence, 2017, 11, 57-73.	0.4	3
14	An Artificial Intelligence-Based Vehicular System Simulator. International Journal of Software Science and Computational Intelligence, 2017, 9, 55-68.	3.0	2
15	A Comparative Study of Human Health Impacts Due to Heavy Metal Emissions from a Conventional Lignite Coal-Fired Electricity Generation Station, with Post-Combustion, and Oxy- Fuel Combustion Capture Technologies. , 2016, , .		1
16	Development of a cognitive vehicle system for simulation of driving behavior. , 2016, , .		1
17	A theoretical framework for analysis of communication pathways in random networks. , 2012, , .		0