Akshay Ajagekar

List of Publications by Year
in descending order

10 papers	335 citations	1307594 7 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	123 citing authors

#	Article	IF	Citations
1	Quantum computing for energy systems optimization: Challenges and opportunities. Energy, 2019, 179, 76-89.	8.8	114
2	Quantum computing based hybrid solution strategies for large-scale discrete-continuous optimization problems. Computers and Chemical Engineering, 2020, 132, 106630.	3.8	91
3	Quantum computing based hybrid deep learning for fault diagnosis in electrical power systems. Applied Energy, 2021, 303, 117628.	10.1	36
4	Quantum computing assisted deep learning for fault detection and diagnosis in industrial process systems. Computers and Chemical Engineering, 2020, 143, 107119.	3.8	34
5	Quantum computing and quantum artificial intelligence for renewable and sustainable energy: A emerging prospect towards climate neutrality. Renewable and Sustainable Energy Reviews, 2022, 165, 112493.	16.4	26
6	New frontiers of quantum computing in chemical engineering. Korean Journal of Chemical Engineering, 2022, 39, 811-820.	2.7	20
7	Perspectives of quantum computing for chemical engineering. AICHE Journal, 2022, 68, .	3.6	11
8	Fault Diagnosis of Electrical Power Systems with Hybrid Quantum-Classical Deep Learning. Computer Aided Chemical Engineering, 2021, 50, 1173-1179.	0.5	1
9	A Hybrid Solution Approach for Large-scale Batch Scheduling with Quantum Computing. Computer Aided Chemical Engineering, 2021, 50, 1747-1753.	0.5	1
10	A Deep Learning Approach for Fault Detection and Diagnosis of Industrial Processes using Quantum Computing. , 2020, , .		1