Wei Dong Leong

List of Publications by Year
in descending order

12	458	1163117 8	1199594 12
papers	citations	h-index	g-index

12	12	12	385
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent advances on industrial data-driven energy savings: Digital twins and infrastructures. Renewable and Sustainable Energy Reviews, 2021, 135, 110208.	16.4	129
2	Transition Metal Dichalcogenides for the Application of Pollution Reduction: A Review. Nanomaterials, 2020, 10, 1012.	4.1	73
3	Enhancing the adaptability: Lean and green strategy towards the Industry Revolution 4.0. Journal of Cleaner Production, 2020, 273, 122870.	9.3	60
4	Lean and Green Manufacturingâ€"a Review on its Applications and Impacts. Process Integration and Optimization for Sustainability, 2019, 3, 5-23.	2.6	53
5	Catalytic thermal degradation of Chlorella vulgaris: Evolving deep neural networks for optimization. Bioresource Technology, 2019, 292, 121971.	9.6	34
6	Adaptive analytical approach to lean and green operations. Journal of Cleaner Production, 2019, 235, 190-209.	9.3	29
7	Synthesis of Sustainable Circular Economy in Palm Oil Industry Using Graph-Theoretic Method. Sustainability, 2020, 12, 8081.	3.2	27
8	Principal component analysis-aided statistical process optimisation (PASPO) for process improvement in industrial refineries. Journal of Cleaner Production, 2019, 225, 359-375.	9.3	26
9	Bottleneck Tree Analysis (BOTA) with green and lean index for process capacity debottlenecking in industrial refineries. Chemical Engineering Science, 2020, 214, 115429.	3.8	8
10	Sequential optimization of process and supply chains considering re-refineries for oil and gas circularity. Applied Energy, 2022, 322, 119485.	10.1	8
11	A Diverse and Sustainable Biodiesel Supply Chain Optimisation Model Based on Properties Integration. Sustainability, 2020, 12, 8400.	3.2	6
12	Debottlenecking cogeneration systems under process variations: Multi-dimensional bottleneck tree analysis with neural network ensemble. Energy, 2021, 215, 119168.	8.8	5