

Wei Dong Leong

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

458
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

385
citing authors

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