

# Jo Han Ng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4080494/publications.pdf>

Version: 2024-02-01

18  
papers

446  
citations

840776

11  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyrolysis production of fruit peel biochar for potential use in treatment of palm oil mill effluent. <i>Journal of Environmental Management</i> , 2018, 213, 400-408.	7.8	135
2	Biodiesel process intensification through catalytic enhancement and emerging reactor designs: A critical review. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 116, 109399.	16.4	65
3	Influence of fatty acid methyl ester composition on tribological properties of vegetable oils and duck fat derived biodiesel. <i>Tribology International</i> , 2017, 113, 76-82.	5.9	45
4	Biodiesel sustainability: The global impact of potential biodiesel production on the energy-water-food (EWF) nexus. <i>Environmental Technology and Innovation</i> , 2021, 22, 101408.	6.1	31
5	Oxygenated sunflower biodiesel: Spectroscopic and emissions quantification under reacting swirl spray conditions. <i>Energy</i> , 2019, 178, 804-813.	8.8	26
6	Combustion and emission performances of coconut, palm and soybean methyl esters under reacting spray flame conditions. <i>Journal of the Energy Institute</i> , 2019, 92, 1034-1044.	5.3	25
7	Soot volume fraction measurements over laminar pool flames of biofuels, diesel and blends. <i>Proceedings of the Combustion Institute</i> , 2019, 37, 877-884.	3.9	22
8	Development of emissions predictor equations for a light-duty diesel engine using biodiesel fuel properties. <i>Fuel</i> , 2012, 95, 544-552.	6.4	21
9	Progress and challenges in sustainable pyrolysis technology: Reactors, feedstocks and products. <i>Fuel</i> , 2022, 324, 124777.	6.4	21
10	Quantification of carbon particulates produced under open liquid pool and prevaporised flame conditions: Waste cooking oil biodiesel and diesel blends. <i>Fuel</i> , 2020, 270, 117469.	6.4	12
11	Dual-Fuel Operation of Biodiesel and Natural Gas in a Model Gas Turbine Combustor. <i>Energy &amp; Fuels</i> , 2020, 34, 3788-3796.	5.1	12
12	Experimental and numerical study on soot formation in laminar diffusion flames of biodiesels and methyl esters. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 1335-1344.	3.9	10
13	Environment impact and bioenergy analysis on the microwave pyrolysis of WAS from food industry: Comparison of CO <sub>2</sub> and N <sub>2</sub> atmosphere. <i>Journal of Environmental Management</i> , 2022, 319, 115665.	7.8	10
14	Pool Fire Burning Characteristics of Biodiesel. <i>Fire Technology</i> , 2020, 56, 1703-1724.	3.0	4
15	Flow field, flame structure and emissions quantifications of oxygenated glycerol in a swirl flame combustor. <i>Fuel</i> , 2022, 321, 124052.	6.4	3
16	Performance evaluation of a downwind diffuser on vertical axis wind turbine. <i>International Journal of Energy Research</i> , 2022, 46, 351-369.	4.5	2
17	The super-stroker – An open-source tool to induce the rubber hand illusion.. <i>Psychology of Consciousness: Theory Research, and Practice</i> , 2022, 9, 356-365.	0.4	2
18	Pareto-hierarchical clustering framework for biodiesel transesterification. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 45, 101160.	2.7	0