

# Salman Soltanian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1675802/publications.pdf>

Version: 2024-02-01

11  
papers

1,091  
citations

840776

11  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning technology in biodiesel research: A review. <i>Progress in Energy and Combustion Science</i> , 2021, 85, 100904.	31.2	231
2	A critical review of the effects of pretreatment methods on the exergetic aspects of lignocellulosic biofuels. <i>Energy Conversion and Management</i> , 2020, 212, 112792.	9.2	230
3	Comprehensive exergoeconomic analysis of a municipal solid waste digestion plant equipped with a biogas genset. <i>Waste Management</i> , 2019, 87, 485-498.	7.4	128
4	Biopower and biofertilizer production from organic municipal solid waste: An exergoenvironmental analysis. <i>Renewable Energy</i> , 2019, 143, 64-76.	8.9	107
5	Effects of aqueous carbon nanoparticles as a novel nanoadditive in water-emulsified diesel/biodiesel blends on performance and emissions parameters of a diesel engine. <i>Energy Conversion and Management</i> , 2019, 196, 1153-1166.	9.2	96
6	Prognostication of lignocellulosic biomass pyrolysis behavior using ANFIS model tuned by PSO algorithm. <i>Fuel</i> , 2019, 253, 189-198.	6.4	85
7	Exergetic sustainability analysis of municipal solid waste treatment systems: A systematic critical review. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 156, 111975.	16.4	69
8	Exergoeconomic analysis of lactic acid and power cogeneration from sugarcane residues through a biorefinery approach. <i>Renewable Energy</i> , 2019, 143, 872-889.	8.9	48
9	Describing biomass pyrolysis kinetics using a generic hybrid intelligent model: A critical stage in sustainable waste-oriented biorefineries. <i>Renewable Energy</i> , 2021, 170, 81-91.	8.9	42
10	A review on the role of hierarchical zeolites in the production of transportation fuels through catalytic fast pyrolysis of biomass. <i>Biofuel Research Journal</i> , 2020, 7, 1217-1234.	13.3	39
11	Determining biomass chemical exergy using a novel hybrid intelligent approach to promote biomass-based biorefineries. <i>Journal of Cleaner Production</i> , 2020, 277, 124089.	9.3	11