

# Seyed Sina Hosseini

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

586  
citations

623734

14  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

632  
citing authors

#	ARTICLE	IF	CITATIONS
1	Introducing, evaluation and exergetic performance assessment of a novel hybrid system composed of MCFC, methanol synthesis process, and a combined power cycle. <i>Energy Conversion and Management</i> , 2019, 197, 111878.	9.2	61
2	Developing and exergetic performance assessment of biogas upgrading process driven by flat plate solar collectors coupled with Kalina power cycle. <i>Energy Conversion and Management</i> , 2019, 181, 398-413.	9.2	37
3	A detailed theoretical modeling and parametric investigation of potential power in heaving buoys. <i>Energy</i> , 2018, 154, 201-209.	8.8	18
4	Performance assessment of a wind power plant using standard exergy and extended exergy accounting (EEA) approaches. <i>Journal of Cleaner Production</i> , 2018, 171, 127-136.	9.3	81
5	Thermodynamic and economic evaluation of a novel concentrated solar power system integrated with absorption refrigeration and desalination cycles. <i>Energy Conversion and Management</i> , 2018, 175, 337-356.	9.2	104
6	A Comparative Assessment of Predicting Daily Solar Radiation Using Bat Neural Network (BNN), Generalized Regression Neural Network (GRNN), and Neuro-Fuzzy (NF) System: A Case Study. <i>Energies</i> , 2018, 11, 1188.	3.1	39
7	Exergy-based sustainability analysis of a low power, high frequency piezo-based ultrasound reactor for rapid biodiesel production. <i>Energy Conversion and Management</i> , 2017, 148, 759-769.	9.2	58
8	Comprehensive exergy analysis of a commercial tomato paste plant with a double-effect evaporator. <i>Energy</i> , 2016, 111, 910-922.	8.8	42
9	An exergetically-sustainable operational condition of a photo-biohydrogen production system optimized using conventional and innovative fuzzy techniques. <i>Renewable Energy</i> , 2016, 94, 605-618.	8.9	17
10	Exergy analysis for decision making on operational condition of a continuous photobioreactor for hydrogen production via WGS reaction. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 2354-2366.	7.1	33
11	Performance analysis of a continuous bioreactor for ethanol and acetate synthesis from syngas via <i>Clostridium ljungdahlii</i> using exergy concept. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 853-865.	4.1	17
12	Development and evaluation of a novel low power, high frequency piezoelectric-based ultrasonic reactor for intensifying the transesterification reaction. <i>Biofuel Research Journal</i> , 2016, 3, 528-535.	13.3	20
13	Thermodynamic evaluation of a photobioreactor for hydrogen production from syngas via a locally isolated <i>Rhodospseudomonas palustris</i> PT. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 14246-14256.	7.1	23
14	Exergy analysis of biohydrogen production from various carbon sources via anaerobic photosynthetic bacteria ( <i>Rhodospirillum rubrum</i> ). <i>Energy</i> , 2015, 93, 730-739.	8.8	36