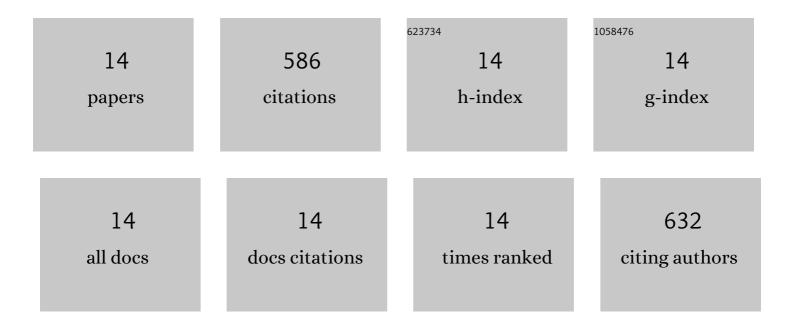
Seyed Sina Hosseini

List of Publications by Year in descending order

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#	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. Energy Conversion and Management, 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. Energy Conversion and Management, 2019, 181, 398-413.	9.2	37
3	A detailed theoretical modeling and parametric investigation of potential power in heaving buoys. Energy, 2018, 154, 201-209.	8.8	18
4	Performance assessment of a wind power plant using standard exergy and extended exergy accounting (EEA) approaches. Journal of Cleaner Production, 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. Energy Conversion and Management, 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. Energies, 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. Energy Conversion and Management, 2017, 148, 759-769.	9.2	58
8	Comprehensive exergy analysis of a commercial tomato paste plant with a double-effect evaporator. Energy, 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. Renewable Energy, 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. International Journal of Hydrogen Energy, 2016, 41, 2354-2366.	7.1	33
11	Performance analysis of a continuous bioreactor for ethanol and acetate synthesis from syngas via Clostridium ljungdahlii using exergy concept. Clean Technologies and Environmental Policy, 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. Biofuel Research Journal, 2016, 3, 528-535.	13.3	20
13	Thermodynamic evaluation of a photobioreactor for hydrogen production from syngas via a locally isolated Rhodopseudomonas palustris PT. International Journal of Hydrogen Energy, 2015, 40, 14246-14256.	7.1	23
14	Exergy analysis of biohydrogen production from various carbon sources via anaerobic photosynthetic bacteria (Rhodospirillum rubrum). Energy, 2015, 93, 730-739.	8.8	36