

Ali Ghannadzadeh

List of Publications by Year in descending order

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22
papers

335
citations

840776

11
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	Exergy-aided environmental life cycle assessment of propylene oxide production. International Journal of Life Cycle Assessment, 2022, 27, 20-37.	4.7	1
2	Environmental life cycle assessment for a cheese production plant towards sustainable energy transition: Natural gas to biomass vs. natural gas to geothermal. Journal of Cleaner Production, 2020, 275, 122999.	9.3	16
3	Cleaner production of purified terephthalic and isophthalic acids through exergy analysis. International Journal of Exergy, 2020, 31, 303.	0.4	3
4	Environmental life cycle assessment of glycerine production: Energy transition from natural gas to biomass. Sustainable Energy Technologies and Assessments, 2020, 42, 100775.	2.7	5
5	Environmental life cycle assessment of an ammonia production process through cumulative exergy demand and ReCiPe: a focus on power generation from natural gas and biomass. International Journal of Exergy, 2020, 33, 411.	0.4	2
6	Environmental sustainability assessment of an ethylene oxide production process through Cumulative Exergy Demand and ReCiPe. Clean Technologies and Environmental Policy, 2019, 21, 1765-1777.	4.1	12
7	Exergetic environmental sustainability assessment supported by Monte Carlo simulations: A case study of a chlorine production process. Environmental Progress and Sustainable Energy, 2019, 38, 13179.	2.3	5
8	Assessment of power generation from natural gas and biomass to enhance environmental sustainability of a polyol ether production process for rigid foam polyurethane synthesis. Renewable Energy, 2018, 115, 846-858.	8.9	17
9	Exergy-aided environmental sustainability assessment of an ethylene dichloride-vinyl chloride production process. Chemical Engineering Research and Design, 2018, 130, 109-128.	5.6	17
10	Toward an environmentally sustainable natural gas-based ethylene production process through exergy-aided pinch analysis. Asia-Pacific Journal of Chemical Engineering, 2018, 13, e2204.	1.5	4
11	Exergy aided pinch analysis to enhance energy integration towards environmental sustainability in a chlorine-caustic soda production process. Applied Thermal Engineering, 2017, 125, 1518-1529.	6.0	20
12	Combined pinch and exergy analysis of an ethylene oxide production process to boost energy efficiency toward environmental sustainability. Clean Technologies and Environmental Policy, 2017, 19, 2145-2160.	4.1	12
13	Evaluation of an alternative chlorine production process for energy saving toward sustainability. Environmental Progress and Sustainable Energy, 2016, 35, 1512-1520.	2.3	7
14	Exergy analysis as a scoping tool for cleaner production of chemicals: a case study of an ethylene production process. Journal of Cleaner Production, 2016, 129, 508-520.	9.3	40
15	Diagnosis of an alternative ammonia process technology to reduce exergy losses. Energy Conversion and Management, 2016, 109, 63-70.	9.2	23
16	The effect of different parameters on mechanical properties of PA-6/clay nanocomposite through genetic algorithm and response surface methods. International Nano Letters, 2015, 5, 133-140.	5.0	19
17	General methodology for exergy balance in ProSimPlus® process simulator. Energy, 2012, 44, 38-59.	8.8	55
18	MASS TRANSFER LIMITATION IN DIFFERENT ANODE ELECTRODE SURFACE AREAS ON THE PERFORMANCE OF DUAL CHAMBER MICROBIAL FUEL CELL. American Journal of Biochemistry and Biotechnology, 2012, 8, 320-325.	0.4	9

#	ARTICLE	IF	CITATIONS
19	Thermodynamic evaluation of distillation columns using exergy loss profiles: a case study on the crude oil atmospheric distillation column. <i>Clean Technologies and Environmental Policy</i> , 2012, 14, 381-387.	4.1	19
20	Cogeneration targeting for site utility systems. <i>Applied Thermal Engineering</i> , 2012, 43, 60-66.	6.0	44
21	General Methodology for Exergy Balance in a Process Simulator. <i>Computer Aided Chemical Engineering</i> , 2011, , 1758-1762.	0.5	2
22	Material flow analysis of a post-consumer plastic packaging recycling system in The Netherlands: a focus on beverage carton. <i>Clean Technologies and Environmental Policy</i> , 0, , .	4.1	2