

Mohammad Dadashzadeh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

576
citations

12
h-index

20
g-index

20
ext. papers

719
ext. citations

4.2
avg, IF

4.23
L-index

#	Paper	IF	Citations
20	Performance of hydrogen storage tank with TPRD in an engulfing fire. <i>International Journal of Hydrogen Energy</i> , 2021 ,	6.7	2
19	Application of Integrated Risk-Based Approach to Safety Design of High Speed LNG Powered Vessels. <i>Springer Transactions in Civil and Environmental Engineering</i> , 2020 , 253-269	0.4	
18	Modeling impacts of combustion products on humans in complex processing facilities. <i>Process Safety Progress</i> , 2020 , 39, e12114	1	3
17	Physical model of onboard hydrogen storage tank thermal behaviour during fuelling. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 4374-4384	6.7	12
16	Modelling an integrated impact of fire, explosion and combustion products during transitional events caused by an accidental release of LNG. <i>Chemical Engineering Research and Design</i> , 2019 , 128, 259-272	5.5	49
15	Accidental release of Liquefied Natural Gas in a processing facility: Effect of equipment congestion level on dispersion behaviour of the flammable vapour. <i>Journal of Loss Prevention in the Process Industries</i> , 2019 , 61, 237-248	3.5	19
14	Risk-Based Domino Effect Analysis for Fire and Explosion Accidents Considering Uncertainty in Processing Facilities. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 3990-4006	3.9	25
13	Risk assessment methodology for onboard hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 6462-6475	6.7	39
12	Review and analysis of fire and explosion accidents in maritime transportation. <i>Ocean Engineering</i> , 2018 , 158, 350-366	3.9	57
11	Quantitative assessment of wildfire risk in oil facilities. <i>Journal of Environmental Management</i> , 2018 , 223, 433-443	7.9	19
10	Fire impact assessment in FLNG processing facilities using Computational Fluid Dynamics (CFD). <i>Fire Safety Journal</i> , 2017 , 92, 42-52	3.3	39
9	Dispersion modelling and analysis of hydrogen fuel gas released in an enclosed area: A CFD-based approach. <i>Fuel</i> , 2016 , 184, 192-201	7.1	27
8	Combustion products toxicity risk assessment in an offshore installation. <i>Chemical Engineering Research and Design</i> , 2014 , 92, 616-624	5.5	17
7	Explosion modeling and analysis of BP Deepwater Horizon accident. <i>Safety Science</i> , 2013 , 57, 150-160	5.8	48
6	An integrated approach for fire and explosion consequence modelling. <i>Fire Safety Journal</i> , 2013 , 61, 324-337	3.3	54
5	Removal of fluoride from aqueous solution and groundwater by wheat straw, sawdust and activated bagasse carbon of sugarcane. <i>Ecological Engineering</i> , 2013 , 52, 211-218	3.9	151
4	Risk-Based Prioritisation of Indoor Air Pollution Monitoring Using Computational Fluid Dynamics. <i>Indoor and Built Environment</i> , 2012 , 21, 663-673	1.8	7

3	Emission factor estimation for oil and gas facilities. <i>Chemical Engineering Research and Design</i> , 2011 , 89, 295-299	5.5	8
2	Computational fluid dynamics modelling of a hydrogen fire safety in a scaled tunnel environment. <i>Safety in Extreme Environments</i> ,1	0.8	0
1	Alberta's Oil Sands Industry from a Sustainability Perspective. <i>Journal of Environmental Engineering and Science</i> ,1-8	0.8	