

Mohammad Dadashzadeh

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

904
citations

623188

14
h-index

794141

19
g-index

20
all docs

20
docs citations

20
times ranked

805
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.6	192
2	Review and analysis of fire and explosion accidents in maritime transportation. <i>Ocean Engineering</i> , 2018, 158, 350-366.	1.9	113
3	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.	2.7	81
4	An integrated approach for fire and explosion consequence modelling. <i>Fire Safety Journal</i> , 2013, 61, 324-337.	1.4	76
5	Explosion modeling and analysis of BP Deepwater Horizon accident. <i>Safety Science</i> , 2013, 57, 150-160.	2.6	64
6	Risk assessment methodology for onboard hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 6462-6475.	3.8	60
7	Dispersion modelling and analysis of hydrogen fuel gas released in an enclosed area: A CFD-based approach. <i>Fuel</i> , 2016, 184, 192-201.	3.4	55
8	Fire impact assessment in FLNG processing facilities using Computational Fluid Dynamics (CFD). <i>Fire Safety Journal</i> , 2017, 92, 42-52.	1.4	48
9	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.	1.8	39
10	Physical model of onboard hydrogen storage tank thermal behaviour during fuelling. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 4374-4384.	3.8	35
11	Quantitative assessment of wildfire risk in oil facilities. <i>Journal of Environmental Management</i> , 2018, 223, 433-443.	3.8	31
12	Combustion products toxicity risk assessment in an offshore installation. <i>Chemical Engineering Research and Design</i> , 2014, 92, 616-624.	2.7	29
13	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.	1.7	29
14	Performance of hydrogen storage tank with TPRD in an engulfing fire. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 36581-36597.	3.8	24
15	Emission factor estimation for oil and gas facilities. <i>Chemical Engineering Research and Design</i> , 2011, 89, 295-299.	2.7	10
16	Risk-Based Prioritisation of Indoor Air Pollution Monitoring Using Computational Fluid Dynamics. <i>Indoor and Built Environment</i> , 2012, 21, 663-673.	1.5	10
17	Modeling impacts of combustion products on humans in complex processing facilities. <i>Process Safety Progress</i> , 2020, 39, e12114.	0.4	4
18	Computational fluid dynamics modelling of a hydrogen fire safety in a scaled tunnel environment. <i>Safety in Extreme Environments</i> , 2023, 5, 1-15.	1.8	3

#	ARTICLE	IF	CITATIONS
19	Canada's oil sands industry from a sustainability perspective. Journal of Environmental Engineering and Science, 2022, 17, 1-9.	0.3	1