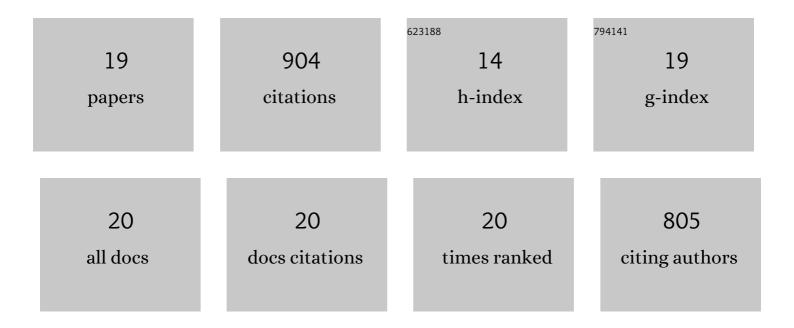
## Mohammad Dadashzadeh

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2526308/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Removal of fluoride from aqueous solution and groundwater by wheat straw, sawdust and activated bagasse carbon of sugarcane. Ecological Engineering, 2013, 52, 211-218.	1.6	192
2	Review and analysis of fire and explosion accidents in maritime transportation. Ocean Engineering, 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. Chemical Engineering Research and Design, 2019, 128, 259-272.	2.7	81
4	An integrated approach for fire and explosion consequence modelling. Fire Safety Journal, 2013, 61, 324-337.	1.4	76
5	Explosion modeling and analysis of BP Deepwater Horizon accident. Safety Science, 2013, 57, 150-160.	2.6	64
6	Risk assessment methodology for onboard hydrogen storage. International Journal of Hydrogen Energy, 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. Fuel, 2016, 184, 192-201.	3.4	55
8	Fire impact assessment in FLNG processing facilities using Computational Fluid Dynamics (CFD). Fire Safety Journal, 2017, 92, 42-52.	1.4	48
9	Risk-Based Domino Effect Analysis for Fire and Explosion Accidents Considering Uncertainty in Processing Facilities. Industrial & Engineering Chemistry Research, 2018, 57, 3990-4006.	1.8	39
10	Physical model of onboard hydrogen storage tank thermal behaviour during fuelling. International Journal of Hydrogen Energy, 2019, 44, 4374-4384.	3.8	35
11	Quantitative assessment of wildfire risk in oil facilities. Journal of Environmental Management, 2018, 223, 433-443.	3.8	31
12	Combustion products toxicity risk assessment in an offshore installation. Chemical Engineering Research and Design, 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. Journal of Loss Prevention in the Process Industries, 2019, 61, 237-248.	1.7	29
14	Performance of hydrogen storage tank with TPRD in an engulfing fire. International Journal of Hydrogen Energy, 2021, 46, 36581-36597.	3.8	24
15	Emission factor estimation for oil and gas facilities. Chemical Engineering Research and Design, 2011, 89, 295-299.	2.7	10
16	Risk-Based Prioritisation of Indoor Air Pollution Monitoring Using Computational Fluid Dynamics. Indoor and Built Environment, 2012, 21, 663-673.	1.5	10
17	Modeling impacts of combustion products on humans in complex processing facilities. Process Safety Progress, 2020, 39, e12114.	0.4	4
18	Computational fluid dynamics modelling of a hydrogen fire safety in a scaled tunnel environment. Safety in Extreme Environments, 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