

# Didier Jamois

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1389122/publications.pdf>

Version: 2024-02-01

20  
papers

479  
citations

759233

12  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

337  
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties of large-scale methane/hydrogen jet fires. International Journal of Hydrogen Energy, 2009, 34, 9611-9619.	7.1	58
2	Experimental measurement and Reynolds-averaged Navier-Stokes modelling of the near-field structure of multi-phase CO <sub>2</sub> jet releases. International Journal of Greenhouse Gas Control, 2013, 18, 139-149.	4.6	52
3	Large-scale hydrogen release in an isothermal confined area. International Journal of Hydrogen Energy, 2011, 36, 2302-2312.	7.1	49
4	High pressure hydrogen fires. International Journal of Hydrogen Energy, 2011, 36, 2367-2373.	7.1	43
5	An integrated, multi-scale modelling approach for the simulation of multiphase dispersion from accidental CO <sub>2</sub> pipeline releases in realistic terrain. International Journal of Greenhouse Gas Control, 2014, 27, 221-238.	4.6	40
6	Fire risk on high-pressure full composite cylinders for automotive applications. International Journal of Hydrogen Energy, 2012, 37, 17630-17638.	7.1	38
7	Evaluation of multi-phase atmospheric dispersion models for application to Carbon Capture and Storage. Journal of Loss Prevention in the Process Industries, 2014, 32, 286-298.	3.3	35
8	CO <sub>2</sub> PipeHaz: Quantitative Hazard Assessment for Next Generation CO <sub>2</sub> Pipelines. Energy Procedia, 2014, 63, 2510-2529.	1.8	29
9	Thermal History Resulting in the Failure of Lightweight Fully-Wrapped Composite Pressure Vessel for Hydrogen in a Fire Experimental Facility. Fire Technology, 2016, 52, 421-442.	3.0	21
10	Poisoning of platinum surfaces by hexamethyldisiloxane (HMDS): application to catalytic methane sensors. Sensors and Actuators B: Chemical, 1997, 40, 117-124.	7.8	18
11	Consequences of a 12-mm diameter high pressure gas release on a buried pipeline. Experimental setup and results. Journal of Loss Prevention in the Process Industries, 2018, 54, 183-189.	3.3	18
12	Adsorption and decomposition of hexamethyldisiloxane on platinum: an XPS, UPS and TDS study. Applied Surface Science, 1996, 99, 245-254.	6.1	16
13	Computational and Experimental Study of Solid-Phase Formation during the Decompression of High-Pressure CO <sub>2</sub> Pipelines. Industrial & Engineering Chemistry Research, 2018, 57, 7054-7063.	3.7	13
14	Un-ignited and ignited high pressure hydrogen releases: Concentration turbulence mapping and overpressure effects. Journal of Loss Prevention in the Process Industries, 2015, 36, 439-446.	3.3	12
15	Data for the evaluation of hydrogen risks onboard vehicles: Outcomes from the French project drive. International Journal of Hydrogen Energy, 2012, 37, 17645-17654.	7.1	10
16	Medium Scale CO <sub>2</sub> Releases. Energy Procedia, 2016, 86, 479-488.	1.8	10
17	Hardware and instrumentation to investigate massive releases of dense phase CO <sub>2</sub> . Canadian Journal of Chemical Engineering, 2015, 93, 234-240.	1.7	9
18	Study of potential leakage on several stressed fittings for hydrogen pressures up to 700 bar. International Journal of Hydrogen Energy, 2012, 37, 17509-17516.	7.1	3

#	ARTICLE	IF	CITATIONS
19	Modeling of Depressurization-Induced Superheating for Compressed Liquefied Gases. Industrial & Engineering Chemistry Research, 2017, 56, 5432-5442.	3.7	3
20	Measurement and RANS modelling of large-scale under-expanded CO[sub 2] releases for CCS applications. , 2013, , .		2