

Robert M Woolley

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

428
citations

933447

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h-index

1125743

13
g-index

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all docs

14
docs citations

14
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic assessment of CO ₂ quality effect on its storage and transport: CO ₂ QUEST. International Journal of Greenhouse Gas Control, 2016, 54, 662-681.	4.6	25
2	High pressure CO ₂ CCS pipelines: Comparing dispersion models with multiple experimental datasets. International Journal of Greenhouse Gas Control, 2016, 54, 716-726.	4.6	13
3	Comparison of numerical predictions with CO ₂ pipeline release datasets of relevance to carbon capture and storage applications. AIP Conference Proceedings, 2015, , .	0.4	0
4	Modelling ruptures of buried high-pressure dense-phase CO ₂ pipelines in carbon capture and storage applications – Part II. A full-scale rupture. International Journal of Greenhouse Gas Control, 2015, 42, 712-728.	4.6	9
5	Modelling ruptures of buried high pressure dense phase CO ₂ pipelines in carbon capture and storage applications – Part I. Validation. International Journal of Greenhouse Gas Control, 2015, 42, 701-711.	4.6	14
6	The range and level of impurities in CO ₂ streams from different carbon capture sources. International Journal of Greenhouse Gas Control, 2015, 36, 161-174.	4.6	178
7	Measurement and Modelling of the Near-field Structure of Large-scale Sonic CO ₂ Releases from Pipelines. Computer Aided Chemical Engineering, 2014, 33, 919-924.	0.5	1
8	CO ₂ PipeHaz: Quantitative Hazard Assessment for Next Generation CO ₂ Pipelines. Energy Procedia, 2014, 63, 2510-2529.	1.8	29
9	Modelling punctures of buried high-pressure dense phase CO ₂ pipelines in CCS applications. International Journal of Greenhouse Gas Control, 2014, 29, 231-247.	4.6	20
10	CO ₂ QUEST: Techno-economic Assessment of CO ₂ Quality Effect on Its Storage and Transport. Energy Procedia, 2014, 63, 2622-2629.	1.8	19
11	Validation of a model of gas and dense phase CO ₂ jet releases for carbon capture and storage application. International Journal of Greenhouse Gas Control, 2014, 20, 254-271.	4.6	36
12	Numerical Simulation of CO ₂ Dispersion From Punctures and Ruptures of Buried High-pressure Dense Phase CO ₂ Pipelines with Experimental Validation. Energy Procedia, 2014, 63, 2500-2509.	1.8	6
13	A composite equation of state for the modeling of sonic carbon dioxide jets in carbon capture and storage scenarios. AIChE Journal, 2013, 59, 3928-3942.	3.6	41
14	Conditional moment closure modelling of soot formation in turbulent, non-premixed methane and propane flames. Fuel, 2009, 88, 393-407.	6.4	37