

# Roberto Bubbico

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4624518/publications.pdf>

Version: 2024-02-01

17  
papers

529  
citations

623734

14  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

604  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the consequences of pipeline accidents to support land-use planning. <i>Safety Science</i> , 2017, 97, 34-42.	4.9	92
2	Thermal management of lithium-ion batteries: An experimental investigation. <i>Energy</i> , 2019, 182, 57-71.	8.8	55
3	Experimental results of nanofluids flow effects on metal surfaces. <i>Chemical Engineering Research and Design</i> , 2014, 92, 1616-1628.	5.6	51
4	Experimental analysis of corrosion and erosion phenomena on metal surfaces by nanofluids. <i>Chemical Engineering Research and Design</i> , 2015, 104, 605-614.	5.6	51
5	Nitrate green removal by fixed-bed columns packed with waste biomass: Modelling and friction parameter estimation. <i>Chemical Engineering Research and Design</i> , 2020, 154, 250-261.	5.6	38
6	Dynamic assessment of safety barriers preventing escalation in offshore Oil&Gas. <i>Safety Science</i> , 2020, 121, 319-330.	4.9	37
7	Hazardous scenarios identification for Li-ion secondary batteries. <i>Safety Science</i> , 2018, 108, 72-88.	4.9	36
8	Heat Transfer in Water-Based SiC and TiO <sub>2</sub> Nanofluids. <i>Heat Transfer Engineering</i> , 2013, 34, 1060-1072.	1.9	33
9	A statistical analysis of causes and consequences of the release of hazardous materials from pipelines. The influence of layout. <i>Journal of Loss Prevention in the Process Industries</i> , 2018, 56, 458-466.	3.3	31
10	Two-phase flow through pressure safety valves. Experimental investigation and model prediction. <i>Chemical Engineering Science</i> , 2005, 60, 5284-5293.	3.8	21
11	Conditional probabilities of post-release events for hazardous materials pipelines. <i>Chemical Engineering Research and Design</i> , 2016, 104, 95-110.	5.6	20
12	Dynamic response of a tank containing liquefied gas under pressure exposed to a fire: A simplified model. <i>Chemical Engineering Research and Design</i> , 2018, 113, 242-254.	5.6	17
13	Safety Barrier Management: Risk-Based Approach for the Oil and Gas Sector. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 722.	2.6	17
14	CFD analysis of the dispersion of toxic materials in road tunnels. <i>Journal of Loss Prevention in the Process Industries</i> , 2014, 28, 47-59.	3.3	16
15	Geometry influence on safety valves sizing in two-phase flow. <i>Journal of Loss Prevention in the Process Industries</i> , 2008, 21, 66-73.	3.3	7
16	Analysis of Passive Temperature Control Systems Using Phase Change Materials for Application to Secondary Batteries Cooling. <i>Journal of Thermal Science and Engineering Applications</i> , 2018, 10, .	1.5	6
17	Simulation of the Thermal Runaway Onset in Li-Ion Cells—Influence of Cathode Materials and Operating Conditions. <i>Energies</i> , 2022, 15, 4169.	3.1	1