Simone Colombo

List of Publications by Year in descending order

22 papers	309 citations	933447 10 h-index	996975 15 g-index
24 all docs	24 docs citations	24 times ranked	261 citing authors

#	Article	IF	Citations
1	Hybrid risk-based LCA to improve the Acid Gas to Syngas (AG2Sâ„¢) process. Journal of Loss Prevention in the Process Industries, 2022, 75, 104694.	3.3	5
2	The potential supply risk of vanadium for the renewable energy transition in Germany. Journal of Energy Storage, 2021, 33, 102094.	8.1	15
3	Mitigating Carbon Dioxide Impact of Industrial Steam Methane Reformers by Acid Gas to Syngas Technology: Technical and Environmental Feasibility. Journal of Sustainable Development of Energy, Water and Environment Systems, 2020, 8, 71-87.	1.9	19
4	The evolution of health-, safety- and environment-related competencies in Italy: From HSE technicians, to HSE professionals and, eventually, to HSE managers. Safety Science, 2019, 118, 724-739.	4.9	13
5	Uranyl nitrate crystallizer performance with changing solution level. Heliyon, 2019, 5, e01693.	3.2	0
6	The Holistic Risk Analysis and Modelling (HoRAM) method. Safety Science, 2019, 112, 18-37.	4.9	6
7	Upstream Operations in the Oil Industry: Rigorous Modeling of an Electrostatic Coalescer. Engineering, 2017, 3, 220-231.	6.7	3
8	Modeling and evaluating performances of complex edge computing based systems. , 2017, , .		1
9	A Low-cost Distributed IoT-based Augmented Reality Interactive Simulator For Team Training. , 2017, , .		0
10	Risk-based decision making in complex systems: The ALBA method. , 2016, , .		3
11	The Plant Simulator as viable means to prevent and manage risk through competencies management: Experiment results. Safety Science, 2016, 84, 46-56.	4.9	23
12	Dolphin Sam. , 2016, , .		14
13	Immersive Virtual Reality for Training and Decision Making: Preliminary Results of Experiments Performed With a Plant Simulator. SPE Economics and Management, 2014, 6, 165-172.	0.8	20
14	Bridging between Virtual Reality and accident simulation for training of process-industry operators. Advances in Engineering Software, 2013, 55, 1-9.	3.8	90
15	Testing and analyzing different training methods for industrial operators: an experimental approach. Computer Aided Chemical Engineering, 2013, , 667-672.	0.5	18
16	A Plant Simulator to Enhance the Process Safety of Industrial Operators. , 2013, , .		4
17	Virtual Reality and Augmented-Virtual Reality as Tools to Train Industrial Operators. Computer Aided Chemical Engineering, 2012, 30, 1397-1401.	0.5	26
18	Towards Holistic Decision Support Systems. Computer Aided Chemical Engineering, 2012, 31, 295-299.	0.5	1

#	Article	IF	Citations
19	Performance Indicators for the Assessment of Industrial Operators. Computer Aided Chemical Engineering, 2012, 30, 1422-1426.	0.5	14
20	Virtual and Augmented Reality as Viable Tools to Train Industrial Operators. Computer Aided Chemical Engineering, 2012, 31, 825-829.	0.5	6
21	Towards the Automatic Measurement of Human Performance in Virtual Environments for Industrial Safety. , 2011, , .		7
22	The systematic integration of human factors into safety analyses: An integrated engineering approach. Reliability Engineering and System Safety, 2008, 93, 1911-1921.	8.9	19