

# Simone Colombo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7370796/publications.pdf>

Version: 2024-02-01

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	Bridging between Virtual Reality and accident simulation for training of process-industry operators. <i>Advances in Engineering Software</i> , 2013, 55, 1-9.	3.8	90
2	Virtual Reality and Augmented-Virtual Reality as Tools to Train Industrial Operators. <i>Computer Aided Chemical Engineering</i> , 2012, 30, 1397-1401.	0.5	26
3	The Plant Simulator as viable means to prevent and manage risk through competencies management: Experiment results. <i>Safety Science</i> , 2016, 84, 46-56.	4.9	23
4	Immersive Virtual Reality for Training and Decision Making: Preliminary Results of Experiments Performed With a Plant Simulator. <i>SPE Economics and Management</i> , 2014, 6, 165-172.	0.8	20
5	The systematic integration of human factors into safety analyses: An integrated engineering approach. <i>Reliability Engineering and System Safety</i> , 2008, 93, 1911-1921.	8.9	19
6	Mitigating Carbon Dioxide Impact of Industrial Steam Methane Reformers by Acid Gas to Syngas Technology: Technical and Environmental Feasibility. <i>Journal of Sustainable Development of Energy, Water and Environment Systems</i> , 2020, 8, 71-87.	1.9	19
7	Testing and analyzing different training methods for industrial operators: an experimental approach. <i>Computer Aided Chemical Engineering</i> , 2013, , 667-672.	0.5	18
8	The potential supply risk of vanadium for the renewable energy transition in Germany. <i>Journal of Energy Storage</i> , 2021, 33, 102094.	8.1	15
9	Performance Indicators for the Assessment of Industrial Operators. <i>Computer Aided Chemical Engineering</i> , 2012, 30, 1422-1426.	0.5	14
10	Dolphin Sam. , 2016, , .		14
11	The evolution of health-, safety- and environment-related competencies in Italy: From HSE technicians, to HSE professionals and, eventually, to HSE managers. <i>Safety Science</i> , 2019, 118, 724-739.	4.9	13
12	Towards the Automatic Measurement of Human Performance in Virtual Environments for Industrial Safety. , 2011, , .		7
13	Virtual and Augmented Reality as Viable Tools to Train Industrial Operators. <i>Computer Aided Chemical Engineering</i> , 2012, 31, 825-829.	0.5	6
14	The Holistic Risk Analysis and Modelling (HoRAM) method. <i>Safety Science</i> , 2019, 112, 18-37.	4.9	6
15	Hybrid risk-based LCA to improve the Acid Gas to Syngas (AG2Sâ„ƒ) process. <i>Journal of Loss Prevention in the Process Industries</i> , 2022, 75, 104694.	3.3	5
16	A Plant Simulator to Enhance the Process Safety of Industrial Operators. , 2013, , .		4
17	Risk-based decision making in complex systems: The ALBA method. , 2016, , .		3
18	Upstream Operations in the Oil Industry: Rigorous Modeling of an Electrostatic Coalescer. <i>Engineering</i> , 2017, 3, 220-231.	6.7	3

#	ARTICLE	IF	CITATIONS
19	Towards Holistic Decision Support Systems. Computer Aided Chemical Engineering, 2012, 31, 295-299.	0.5	1
20	Modeling and evaluating performances of complex edge computing based systems. , 2017, , .		1
21	Uranyl nitrate crystallizer performance with changing solution level. Heliyon, 2019, 5, e01693.	3.2	0
22	A Low-cost Distributed IoT-based Augmented Reality Interactive Simulator For Team Training. , 2017, , .		0