

Coen van Gulijk

List of Publications by Year in descending order

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39
papers

1,046
citations

430843

18
h-index

414395

32
g-index

40
all docs

40
docs citations

40
times ranked

873
citing authors

#	ARTICLE	IF	CITATIONS
1	From clapham junction to macondo, deepwater horizon: Risk and safety management in high-tech-high-hazard sectors. <i>Safety Science</i> , 2020, 121, 249-282.	4.9	13
2	Occupational safety and safety management between 1988 and 2010. <i>Safety Science</i> , 2020, 121, 303-318.	4.9	12
3	The future of safety science. <i>Safety Science</i> , 2020, 125, 104593.	4.9	32
4	Extracting safety information from multi-lingual accident reports using an ontology-based approach. <i>Safety Science</i> , 2019, 118, 288-297.	4.9	30
5	The case for IT transformation and big data for safety risk management on the GB railways. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2018, 232, 151-163.	0.7	12
6	A big data modeling approach with graph databases for SPAD risk. <i>Safety Science</i> , 2018, 110, 75-79.	4.9	14
7	From free-text to structured safety management: Introduction of a semi-automated classification method of railway hazard reports to elements on a bow-tie diagram. <i>Safety Science</i> , 2018, 110, 11-19.	4.9	24
8	Safety management systems from Three Mile Island to Piper Alpha, a review in English and Dutch literature for the period 1979 to 1988. <i>Safety Science</i> , 2018, 107, 224-244.	4.9	24
9	Big Data Risk Analysis – linking wider business and safety information systems for improved safety management. <i>Safety and Reliability</i> , 2016, 36, 131-133.	0.6	0
10	Learning from text-based close call data. <i>Safety and Reliability</i> , 2016, 36, 184-198.	0.6	5
11	Visual analytics for text-based railway incident reports. <i>Safety Science</i> , 2016, 89, 72-76.	4.9	25
12	Introduction of the concept of risk within safety science in The Netherlands focussing on the years 1970–1990. <i>Safety Science</i> , 2016, 85, 205-219.	4.9	16
13	Developments in the safety science domain, in the fields of general and safety management between 1970 and 1979, the year of the near disaster on Three Mile Island, a literature review. <i>Safety Science</i> , 2016, 86, 10-26.	4.9	32
14	Comparison study on AIS data of ship traffic behavior. <i>Ocean Engineering</i> , 2015, 95, 84-93.	4.3	146
15	Security risk assessment and protection in the chemical and process industry. <i>Process Safety Progress</i> , 2015, 34, 72-83.	1.0	31
16	When Counting is Not Enough: Limitations of NSA's Effectiveness Assessment of Surveillance Technology. , 2014, , .		0
17	Safety management theory and the expeditionary organization: A critical theoretical reflection. <i>Safety Science</i> , 2014, 69, 71-81.	4.9	21
18	Occupational safety theories, models and metaphors in the three decades since World War II, in the United States, Britain and the Netherlands: A literature review. <i>Safety Science</i> , 2014, 62, 16-27.	4.9	77

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19	Towards BBN based risk modelling of process plants. <i>Safety Science</i> , 2014, 69, 48-56.	4.9	34
20	A paired comparison approach to improve the quantification of management influences in air transportation. <i>Reliability Engineering and System Safety</i> , 2013, 113, 52-60.	8.9	6
21	Nautical traffic simulation with multi-agent system for safety. , 2013, , .		9
22	Trusting technology: Security decision making at airports. <i>Journal of Air Transport Management</i> , 2012, 25, 57-60.	4.5	18
23	Artificial Force Fields for Multi-agent Simulations of Maritime Traffic: A Case Study of Chinese Waterway. <i>Procedia Engineering</i> , 2012, 45, 807-814.	1.2	16
24	Airport security: An ethnographic study. <i>Journal of Air Transport Management</i> , 2012, 18, 68-73.	4.5	21
25	Airports at risk: the impact of information sources on security decisions. <i>Journal of Transportation Security</i> , 2012, 5, 187-197.	1.4	11
26	Underestimation of language issues in frequently used accident investigation methods. <i>Journal of Hazardous Materials</i> , 2011, 191, 158-162.	12.4	7
27	Safety metaphors and theories, a review of the occupational safety literature of the US, UK and The Netherlands, till the first part of the 20th century. <i>Safety Science</i> , 2010, 48, 1000-1018.	4.9	93
28	Experimental evidence of reduced sticking of nanoparticles on a metal grid. <i>Journal of Aerosol Science</i> , 2009, 40, 362-369.	3.8	14
29	Robust method to compare aerosol chargers. <i>Journal of Aerosol Science</i> , 2008, 39, 1-9.	3.8	6
30	Characterizing herring bone structures in carbon nanofibers using selected area electron diffraction and dark field transmission electron microscopy. <i>Carbon</i> , 2006, 44, 2950-2956.	10.3	11
31	Measuring diesel soot with a scanning mobility particle sizer and an electrical low-pressure impactor: performance assessment with a model for fractal-like agglomerates. <i>Journal of Aerosol Science</i> , 2004, 35, 633-655.	3.8	125
32	Oil-soaked sintered impactors for the ELPI in diesel particulate measurements. <i>Journal of Aerosol Science</i> , 2003, 34, 635-640.	3.8	24
33	The Choice of Instrument (ELPI and/or SMPS) for Diesel Soot Particulate Measurements. , 2003, , .		13
34	Experimental Study into Plasma-Assisted PM Removal for Diesel Engines. , 2003, , .		1
35	On the generation of aerosol for diesel particulate filtration studies. <i>Separation and Purification Technology</i> , 2002, 27, 195-209.	7.9	27
36	Restriction for the ELPI in diesel particulate measurements. <i>Journal of Aerosol Science</i> , 2001, 32, 1117-1130.	3.8	45

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37	Selection and development of a reactor for diesel particulate filtration. Chemical Engineering Science, 2001, 56, 1705-1712.	3.8	14
38	Using computational fluid dynamics to calculate transversal dispersion in a structured packed bed. Computers and Chemical Engineering, 1998, 22, S767-S770.	3.8	37
39	Redefining rail systems verification and validation: The safety/security STAIRCASE model. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 0, , 095440972211022.	2.0	0