

Richard Hawkins

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10757110/publications.pdf>

Version: 2024-02-01

12
papers

352
citations

1478505

6
h-index

1588992

8
g-index

13
all docs

13
docs citations

13
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Assurance cases and prescriptive software safety certification: A comparative study. Safety Science, 2013, 59, 55-71.	4.9	79
2	Weaving an Assurance Case from Design: A Model-Based Approach. , 2015, , .		57
3	Deep reinforcement learning for drone navigation using sensor data. Neural Computing and Applications, 2021, 33, 2015-2033.	5.6	57
4	Arguing Conformance. IEEE Software, 2012, 29, 50-57.	1.8	45
5	Model based system assurance using the structured assurance case metamodel. Journal of Systems and Software, 2019, 154, 211-233.	4.5	35
6	Using a Software Safety Argument Pattern Catalogue: Two Case Studies. Lecture Notes in Computer Science, 2011, , 185-198.	1.3	26
7	Challenges of Safety Assurance for Industry 4.0. , 2017, , .		21
8	A Pattern for Arguing the Assurance of Machine Learning in Medical Diagnosis Systems. Lecture Notes in Computer Science, 2019, , 165-179.	1.3	16
9	Enhancing COVID-19 decision making by creating an assurance case for epidemiological models. BMJ Health and Care Informatics, 2020, 27, e100165.	3.0	5
10	A Visual Notation for the Representation of Assurance Cases Using SACM. Lecture Notes in Computer Science, 2020, , 3-18.	1.3	3
11	The Need for a Confidence View of CPS Support Environments (Fast Abstract). , 2015, , .		1
12	Support for safety case generation via model transformation. ACM SIGBED Review, 2017, 14, 44-52.	1.8	0