

Siyuan Ji

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

127
citations

1684188

5
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

133
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-dimensional Rydberg Gases and the Quantum Hard-Squares Model. Physical Review Letters, 2011, 107, 060406.	7.8	55
2	A Formal Transformation Method for Automated Fault Tree Generation From a UML Activity Model. IEEE Transactions on Reliability, 2018, 67, 1219-1236.	4.6	18
3	Coordinated control architecture for motion management in ADAS systems. IEEE/CAA Journal of Automatica Sinica, 2018, 5, 432-444.	13.1	15
4	Equilibration of quantum hard rods in one dimension. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P02005.	2.3	12
5	Architecture Definition in Complex System Design Using Model Theory. IEEE Systems Journal, 2021, 15, 1847-1860.	4.6	7
6	Conversational Intelligent Tutoring Systems for Online Learning: What do Students and Tutors Say?. , 2022, , .		7
7	Formal methods for a system of systems analysis framework applied to traffic management. , 2016, , .		5
8	A Product Line Systems Engineering Process for Variability Identification and Reduction. IEEE Systems Journal, 2019, 13, 3663-3674.	4.6	3
9	Inhomogeneities and impurities in a dense one-dimensional Rydberg lattice gas. Physical Review A, 2014, 89, .	2.5	2
10	MSRP-FT: Reliable Resource Sharing on Multiprocessor Mixed-Criticality Systems. , 2022, , .		2
11	Analysis of the Vehicle as a Complex System, EPSRC. Impact, 2018, 2018, 42-44.	0.1	1