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List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

69
citations

1478505

6
h-index

1588992

8
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12
all docs

12
docs citations

12
times ranked

31
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Dependency consideration of passive system reliability by coupled stress-strength interference/functional relations of parameters approach. Reliability Engineering and System Safety, 2019, 188, 549-560. | 8.9 | 10 |
| 2 | Safety assessment of AP1000: Common transients, analysis codes and research gaps. Nuclear Engineering and Design, 2021, 375, 111100. | 1.7 | 10 |
| 3 | Numerical approach for estimating the conditions for natural circulation in a simple nuclear passive system. Annals of Nuclear Energy, 2020, 141, 107350. | 1.8 | 8 |
| 4 | Severe accident in high-power light water reactors: Mitigating strategies, assessment methods and research opportunities. Progress in Nuclear Energy, 2022, 143, 104062. | 2.9 | 8 |
| 5 | Conditional subjective probability density approach to dependency consideration in passive system reliability. Nuclear Engineering and Design, 2018, 337, 108-115. | 1.7 | 7 |
| 6 | Reliability analysis of passive systems: An overview, status and research expectations. Progress in Nuclear Energy, 2022, 143, 104057. | 2.9 | 7 |
| 7 | Uncertainties associated with the reliability of thermal-hydraulic nuclear passive systems. Journal of Nuclear Science and Technology, 2019, 56, 17-31. | 1.3 | 6 |
| 8 | Multivariate analysis of critical parameters influencing the reliability of thermal-hydraulic passive safety system. Nuclear Engineering and Technology, 2019, 51, 45-53. | 2.3 | 5 |
| 9 | Effects of loss of heat sink transient on flow characteristics in a closed natural circulation system. Nuclear Engineering and Design, 2021, 381, 111331. | 1.7 | 4 |
| 10 | Screening of critical parameters influencing thermal-hydraulic reliability of simple passive system. Journal of Nuclear Science and Technology, 2019, 56, 639-649. | 1.3 | 3 |
| 11 | Experimental study of heat distribution in a Non-uniform heat source of a natural circulation loop. Annals of Nuclear Energy, 2022, 172, 109076. | 1.8 | 1 |
| 12 | Dependency Analysis of Critical Parameters Influencing the Reliability of Thermal-Hydraulic Nuclear Passive Systems. , 2017, , . | | 0 |