

# Jianzhu Cao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6689987/publications.pdf>

Version: 2024-02-01

14  
papers

90  
citations

1684188

5  
h-index

1372567

10  
g-index

14  
all docs

14  
docs citations

14  
times ranked

49  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental research on the radioactive dust in the primary loop of HTR-10. Nuclear Engineering and Design, 2017, 324, 372-378.	1.7	24
2	Study of tritium in the primary loop of HTR-10: Experiment and theoretical calculations. Progress in Nuclear Energy, 2018, 105, 99-105.	2.9	16
3	Source Term Analysis of Tritium in HTR-10. Fusion Science and Technology, 2017, 71, 671-678.	1.1	14
4	Source Term Study on Tritium in HTR-PM: Theoretical Calculations and Experimental Design. Science and Technology of Nuclear Installations, 2017, 2017, 1-11.	0.8	11
5	The design and thermohydraulics study of the HTR-10 High Temperature Helium Experimental Loop. Progress in Nuclear Energy, 2014, 77, 329-335.	2.9	9
6	Radiation Protection Practices during the Helium Circulator Maintenance of the 10MW High Temperature Gas-Cooled Reactor-Test Module (HTR-10). Science and Technology of Nuclear Installations, 2016, 2016, 1-13.	0.8	4
7	Adsorption Behaviors of Cobalt on the Graphite and SiC Surface: A First-Principles Study. Science and Technology of Nuclear Installations, 2017, 2017, 1-8.	0.8	3
8	Diffusion Behaviors of Hydrogen Isotopes in Incoloy 800H: A First-Principles Study. Science and Technology of Nuclear Installations, 2017, 2017, 1-6.	0.8	2
9	Multi-scenario validation of CALMET-RIMPUFF for local-scale atmospheric dispersion modeling around a nuclear powerplant site with complex topography. Journal of Environmental Radioactivity, 2021, 229-230, 106547.	1.7	2
10	ICONE23-1479 THE RESEARCH PROGRESS ON THE RADIOACTIVE GRAPHITE DUST IN HTR-10. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2015, 2015.23, _ICONE23-1-_ICONE23-1.	0.0	2
11	ICONE23-1697 STUDY ON THE PRODUCTION MECHANISM OF CO-60 IN THE PRIMARY LOOP OF HTR-10. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2015, 2015.23, _ICONE23-1-_ICONE23-1.	0.0	2
12	Design of the Online Gross $\gamma$ Monitoring Instrument at the Exit of the Helium Purification System in HTR-PM. Science and Technology of Nuclear Installations, 2018, 2018, 1-12.	0.8	1
13	Analysis of Fission Products <sup>TM</sup> Release in Pebble-Bed High-Temperature Gas-Cooled Reactor Fuel Elements Using a Modified FRESKO II Numerical Model. Science and Technology of Nuclear Installations, 2021, 2021, 1-8.	0.8	0
14	BULK DIFFUSION OF HYDROGEN AND TRITIUM WITH 2.25CR1MO STEEL IN CHINESE 200 MW HTR-PM FROM FIRST-PRINCIPLE. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1930.	0.0	0