

Mahmut Nedim Cinbiz

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

369
citations

1307594

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h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

317
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen in zirconium alloys: A review. Journal of Nuclear Materials, 2019, 518, 440-460.	2.7	203
2	The influence of stress state on the reorientation of hydrides in a zirconium alloy. Journal of Nuclear Materials, 2016, 477, 157-164.	2.7	42
3	Computational fluid dynamics modeling of momentum transport in rotating wall perfused bioreactor for cartilage tissue engineering. Journal of Biotechnology, 2010, 150, 389-395.	3.8	32
4	In situ synchrotron X-ray diffraction study of hydrides in Zircaloy-4 during thermomechanical cycling. Journal of Nuclear Materials, 2017, 487, 247-259.	2.7	24
5	Failure behavior of SiC/SiC composite tubes under strain rates similar to the pellet-cladding mechanical interaction phase of reactivity-initiated accidents. Journal of Nuclear Materials, 2019, 514, 66-73.	2.7	21
6	A pulse-controlled modified-burst test instrument for accident-tolerant fuel cladding. Annals of Nuclear Energy, 2017, 109, 396-404.	1.8	16
7	Thermal expansion behavior of $\hat{\Gamma}$ -zirconium hydrides: Comparison of $\hat{\Gamma}$ hydride powder and platelets. Journal of Nuclear Materials, 2018, 509, 566-576.	2.7	12
8	An advanced experimental design for modified burst testing of nuclear fuel cladding materials during transient loading. Annals of Nuclear Energy, 2019, 127, 30-38.	1.8	8
9	Structure of the pellet-cladding interaction layer of a high-burnup Zr-Nb-O nuclear fuel cladding. Journal of Nuclear Materials, 2021, 556, 153196.	2.7	7