

Neil Mitchell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6214454/publications.pdf>

Version: 2024-02-01

13
papers

320
citations

1684188

5
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

232
citing authors

#	ARTICLE	IF	CITATIONS
1	Status of ITER Conductor Development and Production. IEEE Transactions on Applied Superconductivity, 2012, 22, 4804909-4804909.	1.7	152
2	Superconductors for fusion: a roadmap. Superconductor Science and Technology, 2021, 34, 103001.	3.5	81
3	Innovations in Technology and Science R&D for ITER. Journal of Fusion Energy, 2019, 38, 11-71.	1.2	35
4	The use of Nb ₃ Sn in fusion: lessons learned from the ITER production including options for management of performance degradation. Superconductor Science and Technology, 2020, 33, 054007.	3.5	32
5	Start of the ITER Central Solenoid Assembly. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	6
6	Impact of mechanical and thermal cycles at different operating conditions on the ITER toroidal field coil conductor performance. Superconductor Science and Technology, 2021, 34, 085021.	3.5	3
7	T _{cs} degradation of ITER TF samples due to fast current discharges. Superconductor Science and Technology, 2021, 34, 025004.	3.5	3
8	Factory Acceptance Test and Delivery of the First Two Poloidal Field Coils to ITER Fusion Facility. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	3
9	Completion and Installation of the ITER Lower Poloidal Field Coils PF5 & 6. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	3
10	Lessons From ITER Magnet Experience on the Need for an Improved Nuclear Quality Approach for Magnets in Future Fusion Reactors. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	1
11	First wall power flux management during plasma current ramp-up on ITER. Nuclear Fusion, 2022, 62, 096022.	3.5	1
12	Measurements of AC Loss Evolution in ITER TF Conductors. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-3.	1.7	0
13	About the First 6 Toroidal Field Coils and 2 Poloidal Field Coils Completed by EU for ITER. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	0