

Clement Lorin

List of Publications by Year in descending order

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times ranked

792
citing authors

#	ARTICLE	IF	CITATIONS
1	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	2.6	367
2	The 16 T Dipole Development Program for FCC. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	77
3	The EuCARD2 Future Magnets Program for Particle Accelerator High-Field Dipoles: Review of Results and Next Steps. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-10.	1.7	40
4	Status of the 16 T Dipole Development Program for a Future Hadron Collider. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	36
5	EuroCirCol 16 T Block-Coils Dipole Option for the Future Circular Collider. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	28
6	Quench protection analysis integrated in the design of dipoles for the Future Circular Collider. Physical Review Accelerators and Beams, 2017, 20, .	1.6	25
7	2-D and 3-D Design of the Block-Coil Dipole Option for the Future Circular Collider. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	14
8	Design of a Nb ₃ Sn 16 T Block Dipole for the Future Circular Collider. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	13
9	The CLIQ Quench Protection System Applied to the 16 T FCC-hh Dipole Magnets. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-9.	1.7	7
10	Mechanical stress analysis during a quench in CLIQ protected 16ÂT dipole magnets designed for the future circular collider. Physica C: Superconductivity and Its Applications, 2018, 550, 27-34.	1.2	6
11	Manufacturing of the EuCARD2 Roebel-Based Cos-Theta Coils at CEA Saclay. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	6
12	The Use of Grading in Nb ₃ Sn High-Field Block-Coil Dipoles. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-10.	1.7	4
13	Exploration of Two Layer Nb ₃ Sn Designs of the Future Circular Collider Main Quadrupoles. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	3
14	Design of a Nb ₃ Sn 400 T/m Quadrupole for the Future Circular Collider. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	2
15	FCC-hh Conceptual Designs and Windability of the Main Quadrupoles. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-7.	1.7	2
16	Preliminary 3D Mechanical Design of the FCC-hh Main Quadrupoles. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.7	1