

# Alexandre Louzguiti

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	JT-60SA TF coil quench model and Analysis: Joule energy estimation with SuperMagnet and STREAM. Cryogenics, 2022, 124, 103454.	1.7	2
2	Feasibility Study of GaToroid Gantries for Carbon Ions. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	1
3	Analytical Modeling of Coupling Losses in CICC, Extensive Study of the COLISEUM Model. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	2
4	AC Losses in JT-60SA TF Magnet During Commissioning: Experimental Analysis and Modeling. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	1
5	Thermal Hydraulic Analysis of JT-60SA TFCO2 Complementary Quench Tests in CTF. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	1
6	Modeling of AC Losses and Simulation of Their Impact on JT-60SA TF Magnets During Commissioning. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	7
7	Analytical Coupling Losses Modelling With COLISEUM: Generalized Approach Upgrade to All Stages. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	0
8	Design of Radiation Hard Spare Units for the Orbit Corrector Dipoles of LHC. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	3
9	Electromagnetic design of superconducting multipole corrector magnets based on sector coils. Physical Review Accelerators and Beams, 2020, 23, .	1.6	0
10	Optimization of the Electromagnetic Design of the FCC Sextupoles and Octupoles. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	3
11	Development of a New Generic Analytical Modeling of AC Coupling Losses in Cable-in-Conduit Conductors. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	2