

# Lorenzo Giannini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3152258/publications.pdf>

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15  
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1058476

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times ranked

155  
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in the design of the superconducting magnets for the EU DEMO. Fusion Engineering and Design, 2018, 136, 1597-1604.	1.9	67
2	Advance in the conceptual design of the European DEMO magnet system. Superconductor Science and Technology, 2020, 33, 044013.	3.5	38
3	The DEMO magnet system – Status and future challenges. Fusion Engineering and Design, 2022, 174, 112971.	1.9	37
4	Magnetostructural Calculations and Design Study of the DTT Central Solenoid. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	9
5	Structural Assessment Procedure of the Toroidal Field Magnet System for the Divertor Tokamak Test. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	6
6	Design of DEMO PF Coils Based on Cable-in-Conduit Conductor. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	5
7	Structural Assessment of the DTT Poloidal Field Coil System. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	5
8	Design Studies, Magnetic Calculations and Structural Assessment For the DTT Central Solenoid. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	5
9	A Combined Electromagnetic and Mechanical Approach for EU-DEMO Toroidal Field Coils. Applied Sciences (Switzerland), 2022, 12, 2766.	2.5	4
10	DTT: A Challenging Framework for a Sound Superconducting Magnets Design. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	4
11	Conceptual Design Studies of an HTS Insert for the DTT Central Solenoid. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	3
12	Updated Structural Assessment of the DTT Poloidal Field Coils. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	2
13	Engineering the Main Structures of the DEMO Fusion Reactor Magnet System. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	2
14	Engineering and Structural Assessment for the Design of the DTT Central Solenoid. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	1
15	A Top-Down Modeling Approach for DEMO Magnetic System. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	0