

Riccardo Umberto Valente

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,406
citations

933447

10
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1245
citing authors

#	ARTICLE	IF	CITATIONS
1	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	2.6	424
2	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	2.6	367
3	FCC Physics Opportunities. European Physical Journal C, 2019, 79, 1.	3.9	346
4	HE-LHC: The High-Energy Large Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 1109-1382.	2.6	108
5	Baseline Design of a 16 T $\cos\theta$ Bending Dipole for the Future Circular Collider. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	20
6	Construction and Cold Test of the Superferric Dodecapole High Order Corrector for the LHC High Luminosity Upgrade. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	15
7	A European Collaboration to Investigate Superconducting Magnets for Next Generation Heavy Ion Therapy. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-7.	1.7	15
8	Construction and Cold Test of the Superferric Decapole for the LHC Luminosity Upgrade. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	14
9	Completion of the Test Phase for the Hilumi LHC Skew Quadrupole Corrector Magnet. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	10
10	Preliminary Study of 4 T Superconducting Dipole for a Light Rotating Gantry for Ion-Therapy. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-6.	1.7	10
11	Study of Superconducting Magnetization Effects and 3D Electromagnetic Analysis of the Nb ₃ Sn $\cos\theta$ Short Model for FCC. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	9
12	Optimization of the High Order Correctors for HL-LHC Toward the Series Production. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	9
13	Construction and Power Test of the Superferric Skew Quadrupole for HL-LHC. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	8
14	Activity on the Sextupole Round Coil Superferric Magnet Prototype at LASA. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	7
15	Preliminary Design of the Nb ₃ Sn $\cos\theta$ Short Model for the FCC. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	7
16	Electromagnetic and Mechanical Study for the Nb ₃ Sn Cos-Theta Dipole Model for the FCC. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	6
17	Magnetic Measurements Results and Analysis of the First Batches of Superferric Magnets for the HL-LHC High Order Field Correction. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	6
18	Fabrication and Results of the First MgB ₂ Round Coil Superferric Magnet at LASA. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	5

#	ARTICLE	IF	CITATIONS
19	The HL-LHC High Order Correctors Series Production and Powering Tests Status. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	5
20	Mechanical Design of FalconD, a Nb ₃ Sn Cos θ Short Model Dipole for the FCC. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	4
21	Update on the Electromagnetic Design of the Nb ₃ Sn Cos-Theta Dipole Model for FCC-hh. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	4
22	Electrical Quality Assurance for the NbTi Coils of the HL-LHC High Order Corrector Magnets. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	4
23	Quench Localization in the High Order Corrector Magnets Using the Harmonic Field Method. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	3