

Vijay Soni

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Development of high homogeneity and high stability 1.5T superconducting magnet for whole body MRI scanner. Indian Journal of Cryogenics, 2019, 44, 193.	0.1	7
2	Quench Protection System of a Whole-Body Non-impregnated 1.5 T Superconducting MRI Magnet. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	5
3	Stress-Induced Magnetic Field Inhomogeneity in a 1.5 T Superconducting MRI Magnet. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	4
4	Quench Induced Eddy Current and Mechanical Stresses in the Bobbin and Thermal Shield of the 1.5 T MRI Magnet System. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-7.	1.7	1
5	High-power cold diodes for the protection of a 1.5 T superconducting MRI magnet system. Semiconductor Science and Technology, 2022, 37, 085012.	2.0	1