

Adil Shah

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Conceptual Design and Optimisation of HTS Roebel Tapes. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5. | 1.7 | 16 |
| 2 | Numerical Study on Dynamic Resistance of an HTS Switch Made of Series-Connected YBCO Stacks. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-6. | 1.7 | 13 |
| 3 | Numerical Study on AC Loss Characteristics of Conductor on Round Core Cables Under Transport Current and Magnetic Field. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4. | 1.7 | 9 |
| 4 | A Simplified Model of the Field Dependence for HTS Conductor on Round Core (CORC) Cables. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5. | 1.7 | 7 |
| 5 | Impact of Magnetic Substrate on Dynamic Loss and Magnetization Loss of HTS Coated Conductors. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5. | 1.7 | 7 |
| 6 | MATLAB Implementation of an HTS Transformer-Rectifier Flux Pump Using HTS Dynamic Voltage Switches. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-4. | 1.7 | 6 |
| 7 | Magnetization Loss Characteristics in Superconducting Conductor on Round Core Cables With a Copper Former. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4. | 1.7 | 5 |
| 8 | A Novel Switch Design for Compact HTS Flux Pump. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5. | 1.7 | 5 |
| 9 | Field Canceling Effect in Double-Layer Roebel Tapes. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5. | 1.7 | 5 |
| 10 | Thermal Behavior Modelling of a Fast AC Field Controlled HTS Switch. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5. | 1.7 | 4 |
| 11 | FE Modeling of Superconducting EDS System Employing Mixed Formulations and Field-Circuit Coupling Method. IEEE Transactions on Transportation Electrification, 2023, 9, 1618-1628. | 7.8 | 4 |
| 12 | Modeling of an Axial Field Machine (AFM) With Superconducting Windings. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5. | 1.7 | 3 |