

Huu Kien Bui

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 3-D Modeling of Thermo Inductive Non Destructive Testing Method Applied to Multilayer Composite. IEEE Transactions on Magnetics, 2013, 49, 1949-1952. | 2.1 | 22 |
| 2 | Simulation of a Large Power Brushless Synchronous Generator (BLSG) With a Rotating Rectifier by a Reluctance Network for Fault Analysis and Diagnosis. IEEE Transactions on Industry Applications, 2017, 53, 4327-4337. | 4.9 | 19 |
| 3 | Characterization of Electrical Conductivity of Anisotropic CFRP Materials by Means of Induction Thermography Technique. IEEE Transactions on Magnetics, 2018, 54, 1-4. | 2.1 | 15 |
| 4 | Study on flaw detectability of NDT induction thermography technique for laminated CFRP composites. EPJ Applied Physics, 2016, 73, 10902. | 0.7 | 7 |
| 5 | Design Optimization of a Direct-Drive Electrically Excited Synchronous Generator for Tidal Wave Energy. Energies, 2022, 15, 3174. | 3.1 | 5 |
| 6 | Performance Assessment of Induction Thermography Technique Applied to Carbon-Fiber-Reinforced Polymer Material. IEEE Transactions on Magnetics, 2015, 51, 1-4. | 2.1 | 3 |
| 7 | Degenerated Hexahedral Whitney Elements for Electromagnetic Fields Computation in Multi-Layer Anisotropic Thin Regions. IEEE Transactions on Magnetics, 2016, 52, 1-4. | 2.1 | 3 |
| 8 | Thermo inductive nondestructive testing method applied to CFRP. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2013, 33, 167-180. | 0.9 | 2 |
| 9 | Simulation of large power brushless synchronous generator (BLSG) with rotating rectifier by reluctance network for fault analysis and diagnosis. , 2016, , . | | 2 |
| 10 | Application of Degenerated Hexahedral Whitney Elements in the Modeling of NDT Induction Thermography of Laminated CFRP Composite. IEEE Transactions on Magnetics, 2016, 52, 1-4. | 2.1 | 2 |
| 11 | A Model-Assisted Probability of Detection Study on Induction Thermography Technique. IEEE Transactions on Magnetics, 2019, 55, 1-4. | 2.1 | 1 |