

Minsoo Kim

List of Publications by Year in descending order

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papers

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Nanolaminated Permalloy Core for High-Flux, High-Frequency Ultracompact Power Conversion. IEEE Transactions on Power Electronics, 2013, 28, 4376-4383. | 7.9 | 26 |
| 2 | Silicon-Embedding Approaches to 3-D Toroidal Inductor Fabrication. Journal of Microelectromechanical Systems, 2013, 22, 580-588. | 2.5 | 18 |
| 3 | A MEMS lamination technology based on sequential multilayer electrodeposition. Journal of Micromechanics and Microengineering, 2013, 23, 095011. | 2.6 | 9 |
| 4 | Thick Multilayered Micromachined Permanent Magnets With Preserved Magnetic Properties. Journal of Microelectromechanical Systems, 2016, 25, 498-507. | 2.5 | 9 |
| 5 | Electrodeposited Nanolaminated CoNiFe Cores for Ultracompact DC-DC Power Conversion. IEEE Transactions on Power Electronics, 2015, 30, 5078-5087. | 7.9 | 8 |
| 6 | Highly Laminated Soft Magnetic Electroplated CoNiFe Thick Films. IEEE Magnetics Letters, 2013, 4, 5000204-5000204. | 1.1 | 7 |
| 7 | Fully Additive Fabrication of Electrically Anisotropic Multilayer Materials Based on Sequential Electrodeposition. Journal of Microelectromechanical Systems, 2020, 29, 1510-1517. | 2.5 | 7 |
| 8 | Monolithically-fabricated laminated inductors with electrodeposited silver windings. , 2013, , . | | 5 |
| 9 | Nanolaminated CoNiFe Cores with Dip-Coated Fluoroacrylic Polymer Interlamination Insulation: Fabrication, Electrical Characterization, and Performance Reliability. , 2017, , . | | 4 |
| 10 | Interlamination Insulation Design Considerations for Laminated Magnetics Operating at High Frequencies. IEEE Transactions on Magnetics, 2019, 55, 1-11. | 2.1 | 3 |
| 11 | Composite materials with controllable macromechanical properties based on MEMS-assisted structural manipulation of low-dimensional subcomponents. , 2017, , . | | 2 |
| 12 | Lithographically patterned polypyrrole multilayer microstructures via sidewall-controlled electropolymerization. Journal of Micromechanics and Microengineering, 2021, 31, 025008. | 2.6 | 2 |
| 13 | Non-lithographic and scalable fabrication of one-turn-like inductor having laminated NiFe core for power converters operating at high frequency. , 2021, , . | | 0 |