

Makoto Sonehara

List of Publications by Year in descending order

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116
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Research Trends and Prospects on Power Supplies and Magnetic Materials for High Frequency Point-of-Load. IEEJ Transactions on Fundamentals and Materials, 2021, 141, 279-288. | 0.2 | 0 |
| 2 | Considerations of DC / AC Eddy Current Brake Using Clad Material for Aircraft. , 2021, , . | | 0 |
| 3 | Considerations on Shear Stress in Cylindrical Magneto-rheological fluid Brake for Aircraft under High Temperature and High Magnetic Field. , 2021, , . | | 0 |
| 4 | Enhancement of Faraday effect of transparent ferromagnetic Co-MgF ₂ granular film by introducing Fabry-Pérot resonant structure. Electrical Engineering in Japan (English Translation of) Tj ETQq0 00.4gBT /Overlock 10 | | |
| 5 | Fundamental study on magnetorheological fluid brake for regional jets. Nihon AEM Gakkaishi, 2019, 27, 122-127. | 0.1 | 6 |
| 6 | Fabrication of Ferromagnetic Co-MgF ₂ Granular Film With High Transmittance and Large Faraday Effect for Optical Magnetic Field Sensor. IEEE Transactions on Magnetics, 2018, 54, 1-5. | 2.1 | 11 |
| 7 | Fabrication and Evaluation of Composite Magnetic Core Using Iron-Based Amorphous Alloy Powder With Different Particle Size Distributions. IEEE Transactions on Magnetics, 2018, 54, 1-5. | 2.1 | 33 |
| 8 | Novel Method for Making Surface Insulation Layer on Fe-Based Amorphous Alloy Powder by Surface-Modification Using Two-Step Acid Solution Processing. IEEE Transactions on Magnetics, 2018, 54, 1-5. | 2.1 | 9 |
| 9 | Crystal Growth of PZT Thin Film on Combination with Metal Electrode and Conductive Oxide Layer. IEEJ Transactions on Sensors and Micromachines, 2018, 138, 495-502. | 0.1 | 0 |
| 10 | Enhancement of Faraday-effect of Transparent Ferromagnetic Co-MgF ₂ Granular Film by Introducing Fabry-Pérot Resonant Structure. IEEJ Transactions on Fundamentals and Materials, 2018, 138, 655-661. | 0.2 | 0 |
| 11 | Characterization of UHF Band <i>LC</i> Filter With RF Spiral Inductor Using Carbonyl-Iron Powder/Epoxy Composite Magnetic and Chip Capacitor. IEEE Transactions on Magnetics, 2017, 53, 1-5. | 2.1 | 4 |
| 12 | Surface-Oxidized Amorphous Alloy Powder/Epoxy-Resin Composite Bulk Magnetic Core and Its Application to Megahertz Switching LLC Resonant Converter. IEEE Transactions on Magnetics, 2017, 53, 1-6. | 2.1 | 35 |
| 13 | Fabrication Techniques of Low-cost PZT Pyroelectric Sensor Adopt the Lift-off Patterned Pt Electrode. IEEJ Transactions on Sensors and Micromachines, 2016, 136, 337-342. | 0.1 | 2 |
| 14 | Fundamental Study of VHF Band Helical Antenna using Fe based Amorphous Composite. IEEJ Transactions on Fundamentals and Materials, 2014, 134, 110-115. | 0.2 | 3 |
| 15 | Carbonyl-Iron/Epoxy Composite Magnetic Core for Planar Power Inductor Used in Package-Level Power Grid. IEEE Transactions on Magnetics, 2013, 49, 4172-4175. | 2.1 | 31 |
| 16 | Wideband Visible Wavelength Range MEMS Fabry-Pérot Tunable Filter With Highly Accurate Calibration System. IEEE Sensors Journal, 2013, 13, 2930-2936. | 4.7 | 14 |
| 17 | High Position Resolution MEMS Fabry-Perot Tunable Filter with Dual Electrodes Electrostatic Actuator. IEEJ Transactions on Sensors and Micromachines, 2013, 133, 54-55. | 0.1 | 0 |
| 18 | Wideband visible wavelength range MEMS Fabry-Perot Tunable Filter with calibration system. , 2012, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Control of Magnetic Moment in Uniaxial Anisotropy Magnetic Thin Film Taking Leakage Flux in RF Planar Spiral Inductors with Closed-Magnetic Core into Account. IEEJ Transactions on Fundamentals and Materials, 2012, 132, 822-826. | 0.2 | 2 |
| 20 | Wideband Visible Wavelength Range MEMS Fabry-Perot Tunable Filter with Ag Alloy Mirror. IEEJ Transactions on Sensors and Micromachines, 2012, 132, 25-30. | 0.1 | 2 |
| 21 | Fabrication of Planar Power Inductor for Embedded Passives in LSI Package for Hundreds Megahertz Switching DC-DC Buck Converter. IEEE Transactions on Magnetics, 2011, 47, 3204-3207. | 2.1 | 13 |
| 22 | Fabrication of a Zn-Ferrite Thick Film Planar Power Inductor for DC-DC Converter LSI Package. IEEJ Transactions on Fundamentals and Materials, 2011, 131, 484-489. | 0.2 | 2 |
| 23 | Recent Progress of High-Frequency Micromagnetics. IEEJ Transactions on Fundamentals and Materials, 2010, 130, 45-49. | 0.2 | 0 |