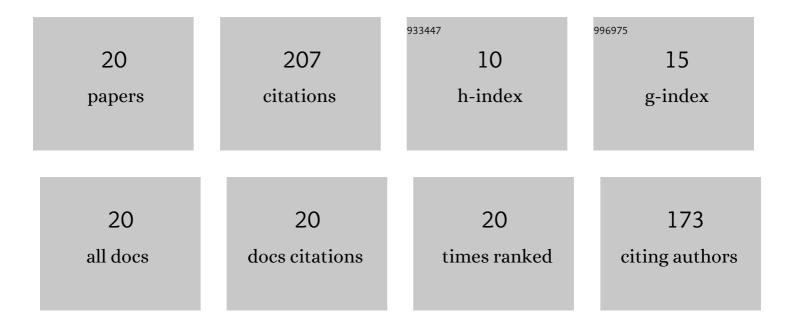
Atsushi Yao

List of Publications by Year in descending order

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Δτεμεμι Υλο

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Effect of Ringing Phenomenon Generated by GaN-FET Inverter on Core Loss Properties of Nanocrystalline Motor. IEEJ Transactions on Industry Applications, 2021, 141, 269-275. | 0.2 | 3 |
| 2 | Iron loss evaluation of magnetic materials excited by a SiC inverter with a Schottky barrier diode wall-integrated trench MOSFET. AIP Advances, 2020, 10, 125129. | 1.3 | 2 |
| 3 | Iron Loss Properties of a Nanocrystalline Ring Core under Si-IGBT and GaN-FET Inverter Excitation. IEEJ Transactions on Industry Applications, 2019, 139, 276-283. | 0.2 | 8 |
| 4 | Core losses of a permanent magnet synchronous motor with an amorphous stator core under inverter and sinusoidal excitations. AIP Advances, 2018, 8, . | 1.3 | 11 |
| 5 | Soft magnetic characteristics of laminated magnetic block cores assembled with a high Bs nanocrystalline alloy. AIP Advances, 2018, 8, 056640. | 1.3 | 3 |
| 6 | Iron Loss and Hysteretic Properties under PWM Inverter Excitation at High Ambient Temperatures. IEEJ Journal of Industry Applications, 2018, 7, 298-304. | 1.1 | 13 |
| 7 | Investigating Iron Loss Properties in an Amorphous Ring Excited by Inverters based on Silicon and Gallium Nitride. IEEJ Journal of Industry Applications, 2018, 7, 321-328. | 1.1 | 13 |
| 8 | Core Loss Properties of a Motor With Nanocrystalline Rotor and Stator Cores Under Inverter Excitation. IEEE Transactions on Magnetics, 2018, 54, 1-5. | 2.1 | 9 |
| 9 | Visualization of Au Nanoparticles Buried in a Polymer Matrix by Scanning Thermal Noise Microscopy. Scientific Reports, 2017, 7, 42718. | 3.3 | 19 |
| 10 | Reprogrammable logic-memory device of a mechanical resonator. International Journal of Non-Linear Mechanics, 2017, 94, 406-416. | 2.6 | 13 |
| 11 | Magnetic Multiscale Model for Local Eddy Current Flow in Complex Materials With Insulated Conductive Particles. IEEE Transactions on Magnetics, 2017, 53, 1-4. | 2.1 | 2 |
| 12 | Iron loss characteristics of electric motor in high-temperature environment. , 2017, , . | | 3 |
| 13 | PWM inverter-excited iron loss characteristics of a reactor core. AIP Advances, 2017, 7, 056618. | 1.3 | 10 |
| 14 | Visualization of subsurface nanoparticles in a polymer matrix using resonance tracking atomic force acoustic microscopy and contact resonance spectroscopy. Nanotechnology, 2016, 27, 415707. | 2.6 | 13 |
| 15 | Magnetic multi-scale problem of equivalent electromagnetic material constants for local eddy current flow. , 2016, , . | | Ο |
| 16 | Logic-memory device of a mechanical resonator. Applied Physics Letters, 2014, 105, . | 3.3 | 51 |
| 17 | Read and Write Operations of Memory Device Consisting of Nonlinear MEMS Resonator. IEICE Proceeding Series, 2014, 1, 352-355. | 0.0 | 1 |
| 18 | Logical Behavior in Memory Devices of Coupled Nonlinear MEMS Resonators. IEICE Proceeding Series, 2014, 2, 30-33. | 0.0 | 1 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Counter operation in nonlinear micro-electro-mechanical resonators. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 2551-2555. | 2.1 | 22 |
| 20 | Reading and writing operations of memory device in micro-electromechanical resonator. IEICE Electronics Express, 2012, 9, 1230-1236. | 0.8 | 10 |