

Harshad Mishra

List of Publications by Year in descending order

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10
papers

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citations

1478505

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Wireless Multifunctional Surface Acoustic Wave Sensor for Magnetic Field and Temperature Monitoring. <i>Advanced Materials Technologies</i> , 2022, 7, 2100860. | 5.8 | 15 |
| 2 | Corrections to “Enhanced Performance Love Wave Magnetic Field Sensors With Temperature Compensation” [Oct 20 11292-11301]. <i>IEEE Sensors Journal</i> , 2021, 21, 3956-3956. | 4.7 | 1 |
| 3 | Sensing Mechanism of Surface Acoustic Wave Magnetic Field Sensors Based on Ferromagnetic Films. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2021, 68, 2566-2575. | 3.0 | 7 |
| 4 | Enhanced Performance Love Wave Magnetic Field Sensors With Temperature Compensation. <i>IEEE Sensors Journal</i> , 2020, 20, 11292-11301. | 4.7 | 20 |
| 5 | A Weak Form Nonlinear Model for Thermal Sensitivity of Love Wave Mode on Layered Structures. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2020, 67, 1275-1283. | 3.0 | 5 |
| 6 | Temperature compensated magnetic field sensor based on love waves. <i>Smart Materials and Structures</i> , 2020, 29, 045036. | 3.5 | 24 |
| 7 | Intrinsic versus shape anisotropy in micro-structured magnetostrictive thin films for magnetic surface acoustic wave sensors. <i>Smart Materials and Structures</i> , 2019, 28, 12LT01. | 3.5 | 21 |
| 8 | AlN/ZnO/LiNbO ₃ Packageless Structure as a Low-Profile Sensor for Potential On-Body Applications. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2018, 65, 1925-1932. | 3.0 | 13 |
| 9 | Influence of a thermal environment on the deflection of magnetostrictive thin films. <i>Acta Mechanica</i> , 2017, 228, 1909-1921. | 2.1 | 2 |
| 10 | Studies of the magnetostriction in thin films: Experimental, analytical and numerical analysis. <i>Sensors and Actuators A: Physical</i> , 2015, 235, 218-226. | 4.1 | 9 |