

Harshad Mishra

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

117
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

117
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature compensated magnetic field sensor based on love waves. Smart Materials and Structures, 2020, 29, 045036.	3.5	24
2	Intrinsic versus shape anisotropy in micro-structured magnetostrictive thin films for magnetic surface acoustic wave sensors. Smart Materials and Structures, 2019, 28, 12LT01.	3.5	21
3	Enhanced Performance Love Wave Magnetic Field Sensors With Temperature Compensation. IEEE Sensors Journal, 2020, 20, 11292-11301.	4.7	20
4	Wireless Multifunctional Surface Acoustic Wave Sensor for Magnetic Field and Temperature Monitoring. Advanced Materials Technologies, 2022, 7, 2100860.	5.8	15
5	AlN/ZnO/LiNbO3 Packageless Structure as a Low-Profile Sensor for Potential On-Body Applications. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 1925-1932.	3.0	13
6	Studies of the magnetostriction in thin films: Experimental, analytical and numerical analysis. Sensors and Actuators A: Physical, 2015, 235, 218-226.	4.1	9
7	Sensing Mechanism of Surface Acoustic Wave Magnetic Field Sensors Based on Ferromagnetic Films. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 2566-2575.	3.0	7
8	A Weak Form Nonlinear Model for Thermal Sensitivity of Love Wave Mode on Layered Structures. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 1275-1283.	3.0	5
9	Influence of a thermal environment on the deflection of magnetostrictive thin films. Acta Mechanica, 2017, 228, 1909-1921.	2.1	2
10	Corrections to "Enhanced Performance Love Wave Magnetic Field Sensors With Temperature Compensation" [Oct 20 11292-11301]. IEEE Sensors Journal, 2021, 21, 3956-3956.	4.7	1