

Yao Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

156
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

185
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Ultrawide Sensing Range and Highly Sensitive Flexible Pressure Sensor Based on a Percolative Thin Film with a Knoll-like Microstructured Surface. ACS Applied Materials & Interfaces, 2019, 11, 20500-20508. | 8.0 | 45 |
| 2 | Screen-printed flexible negative temperature coefficient temperature sensor based on polyvinyl chloride/carbon black composites. Smart Materials and Structures, 2021, 30, 025035. | 3.5 | 32 |
| 3 | Highly sensitive printed crack-enhanced strain sensor as dual-directional bending detector. Smart Materials and Structures, 2020, 29, 045023. | 3.5 | 24 |
| 4 | Crack-enhanced mechanosensitivity of cost-effective piezoresistive flexible strain sensors suitable for motion detection. Smart Materials and Structures, 2018, 27, 105049. | 3.5 | 17 |
| 5 | Highly sensitive and stable printed pressure sensor with microstructured grid arrays. Smart Materials and Structures, 2019, 28, 105027. | 3.5 | 17 |
| 6 | Realization of flexible pressure sensor based on conductive polymer composite via using electrical impedance tomography. Smart Materials and Structures, 2020, 29, 055004. | 3.5 | 10 |
| 7 | Monitoring of the transmission line galloping with a novel distributed optical fibre sensor and its statistical data analysis. IET Generation, Transmission and Distribution, 2020, 14, 166-171. | 2.5 | 9 |
| 8 | A 100-Mhz Bandwidth 80-dB Dynamic Range Continuous-Time Delta-Sigma Modulator with a 2.4-Ghz Clock Rate. Nanoscale Research Letters, 2020, 15, 58. | 5.7 | 2 |
| 9 | Flexible fully printed temperature sensor based on PVC/CB composite. , 2020, , . | | 0 |
| 10 | A Method Executing Optical Real-Valued Matrix Multiplication. , 2022, , . | | 0 |