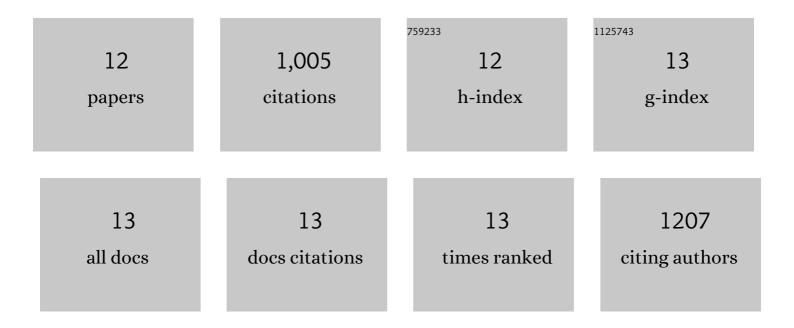
Tao Juan

List of Publications by Year in descending order

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TAO LUAN

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Bimodal Tactile Sensor without Signal Fusion for User-Interactive Applications. ACS Nano, 2022, 16, 2789-2797. | 14.6 | 54 |
| 2 | Biodegradable, Breathable Leaf Veinâ€Based Tactile Sensors with Tunable Sensitivity and Sensing Range. Small, 2022, 18, e2106906. | 10.0 | 28 |
| 3 | Piezophototronic Effect in Nanosensors. Small Science, 2021, 1, 2000060. | 9.9 | 28 |
| 4 | Recent progress in tactile sensors and their applications in intelligent systems. Science Bulletin, 2020, 65, 70-88. | 9.0 | 132 |
| 5 | Real-time pressure mapping smart insole system based on a controllable vertical pore dielectric layer. Microsystems and Nanoengineering, 2020, 6, 62. | 7.0 | 69 |
| 6 | High precision epidermal radio frequency antenna via nanofiber network for wireless stretchable multifunction electronics. Nature Communications, 2020, 11, 5629. | 12.8 | 48 |
| 7 | Visually aided tactile enhancement system based on ultrathin highly sensitive crack-based strain sensors. Applied Physics Reviews, 2020, 7, . | 11.3 | 30 |
| 8 | Fabrication of Largeâ€Area Bimodal Sensors by Allâ€Inkjetâ€Printing. Advanced Materials Technologies, 2019, 4, 1800703. | 5.8 | 40 |
| 9 | Selfâ€Powered Tactile Sensor Array Systems Based on the Triboelectric Effect. Advanced Functional Materials, 2019, 29, 1806379. | 14.9 | 122 |
| 10 | Networks of High Performance Triboelectric Nanogenerators Based on Liquid–Solid Interface Contact Electrification for Harvesting Lowâ€Frequency Blue Energy. Advanced Energy Materials, 2018, 8, 1800705. | 19.5 | 182 |
| 11 | Recent progress in flexible pressure sensor arrays: from design to applications. Journal of Materials Chemistry C, 2018, 6, 11878-11892. | 5.5 | 194 |
| 12 | Self-powered Real-time Movement Monitoring Sensor Using Triboelectric Nanogenerator Technology. Scientific Reports, 2017, 7, 10521. | 3.3 | 77 |