

Faheem Ershad

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,233
citations

687363

13
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1811
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Metal oxide semiconductor nanomembrane-based soft unnoticeable multifunctional electronics for wearable human-machine interfaces. <i>Science Advances</i> , 2019, 5, eaav9653. | 10.3 | 213 |
| 2 | Ultra-conformal drawn-on-skin electronics for multifunctional motion artifact-free sensing and point-of-care treatment. <i>Nature Communications</i> , 2020, 11, 3823. | 12.8 | 196 |
| 3 | Stretchable elastic synaptic transistors for neurologically integrated soft engineering systems. <i>Science Advances</i> , 2019, 5, eaax4961. | 10.3 | 191 |
| 4 | Three-dimensional curvy electronics created using conformal additive stamp printing. <i>Nature Electronics</i> , 2019, 2, 471-479. | 26.0 | 131 |
| 5 | An epicardial bioelectronic patch made from soft rubbery materials and capable of spatiotemporal mapping of electrophysiological activity. <i>Nature Electronics</i> , 2020, 3, 775-784. | 26.0 | 126 |
| 6 | Rubbery Electronics Fully Made of Stretchable Elastomeric Electronic Materials. <i>Advanced Materials</i> , 2020, 32, e1902417. | 21.0 | 95 |
| 7 | Soft Electronics for the Skin: From Health Monitors to Human-Machine Interfaces. <i>Advanced Materials Technologies</i> , 2020, 5, . | 5.8 | 80 |
| 8 | Air/water interfacial assembled rubbery semiconducting nanofilm for fully rubbery integrated electronics. <i>Science Advances</i> , 2020, 6, . | 10.3 | 54 |
| 9 | Invited Article: Emerging soft bioelectronics for cardiac health diagnosis and treatment. <i>APL Materials</i> , 2019, 7, 031301. | 5.1 | 37 |
| 10 | A Skin-Mountable Hyperthermia Patch Based on Metal Nanofiber Network with High Transparency and Low Resistivity toward Subcutaneous Tumor Treatment. <i>Advanced Functional Materials</i> , 2022, 32, . | 14.9 | 27 |
| 11 | Wearable Devices for Single-Cell Sensing and Transfection. <i>Trends in Biotechnology</i> , 2019, 37, 1175-1188. | 9.3 | 23 |
| 12 | Flexible organic solar cells for biomedical devices. <i>Nano Research</i> , 2021, 14, 2891-2903. | 10.4 | 19 |
| 13 | Soft Ultrathin Silicon Electronics for Soft Neural Interfaces: A Review of Recent Advances of Soft Neural Interfaces Based on Ultrathin Silicon. <i>IEEE Nanotechnology Magazine</i> , 2018, 12, 21-34. | 1.3 | 16 |
| 14 | Drawn-on-Skin Sensors from Fully Biocompatible Inks toward High-Quality Electrophysiology. <i>Small</i> , 2022, 18, . | 10.0 | 12 |
| 15 | Recent advances in materials and device technologies for soft active matrix electronics. <i>Journal of Materials Chemistry C</i> , 2020, 8, 10719-10731. | 5.5 | 9 |
| 16 | A Skin-Mountable Hyperthermia Patch Based on Metal Nanofiber Network with High Transparency and Low Resistivity toward Subcutaneous Tumor Treatment (Adv. Funct. Mater. 21/2022). <i>Advanced Functional Materials</i> , 2022, 32, . | 14.9 | 3 |
| 17 | Stretchable Electronics: Rubbery Electronics Fully Made of Stretchable Elastomeric Electronic Materials (Adv. Mater. 15/2020). <i>Advanced Materials</i> , 2020, 32, 2070119. | 21.0 | 1 |