

Zhenlong Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4028464/publications.pdf>

Version: 2024-02-01

8
papers

1,877
citations

1307543

7
h-index

1588975

8
g-index

8
all docs

8
docs citations

8
times ranked

3107
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Monitoring of the central blood pressure waveform via a conformal ultrasonic device. <i>Nature Biomedical Engineering</i> , 2018, 2, 687-695. | 22.5 | 520 |
| 2 | Materials and Structures toward Soft Electronics. <i>Advanced Materials</i> , 2018, 30, e1801368. | 21.0 | 445 |
| 3 | Three-dimensional integrated stretchable electronics. <i>Nature Electronics</i> , 2018, 1, 473-480. | 26.0 | 345 |
| 4 | Stretchable ultrasonic transducer arrays for three-dimensional imaging on complex surfaces. <i>Science Advances</i> , 2018, 4, eaar3979. | 10.3 | 204 |
| 5 | Biomembrane-Modified Field Effect Transistors for Sensitive and Quantitative Detection of Biological Toxins and Pathogens. <i>ACS Nano</i> , 2019, 13, 3714-3722. | 14.6 | 197 |
| 6 | Highly stretchable, sensitive, and flexible strain sensors based on silver nanoparticles/carbon nanotubes composites. <i>Journal of Alloys and Compounds</i> , 2015, 652, 48-54. | 5.5 | 130 |
| 7 | Three-dimensional transistor arrays for intra- and inter-cellular recording. <i>Nature Nanotechnology</i> , 2022, 17, 292-300. | 31.5 | 30 |
| 8 | Highly sensitive pressure switch sensors and enhanced near ultraviolet photodetectors based on 3D hybrid film of graphene sheets decorated with silver nanoparticles. <i>RSC Advances</i> , 2017, 7, 27281-27289. | 3.6 | 6 |