# Jiuke Mu

List of Publications by Year
in descending order



| 16 | 1,753 | 516215 16 | 887659 17 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 17 | 17 | 17 | 3017 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Origami-inspired active graphene-based paper for programmable instant self-folding walking devices. Science Advances, 2015, 1, e1500533. | 4.7 | 312 |
| 2 | Sheath-run artificial muscles. Science, 2019, 365, 150-155. | 6.0 | 218 |
| 3 | Ultrathin, Washable, and Largeâ€Area Graphene Papers for Personal Thermal Management. Small, 2017, 13, 1702645. | 5.2 | 177 |
| 4 | Molecular-channel driven actuator with considerations for multiple configurations and color switching. Nature Communications, 2018, 9, 590. | 5.8 | 159 |
| 5 | An Elastic Transparent Conductor Based on Hierarchically Wrinkled Reduced Graphene Oxide for Artificial Muscles and Sensors. Advanced Materials, 2016, 28, 9491-9497. | 11.1 | 147 |
| 6 | Torsional refrigeration by twisted, coiled, and supercoiled fibers. Science, 2019, 366, 216-221. | 6.0 | 133 |
| 7 | Sequentially bridged graphene sheets with high strength, toughness, and electrical conductivity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5359-5364. | 3.3 | 114 |
| 8 | Unipolar stroke, electroosmotic pump carbon nanotube yarn muscles. Science, 2021, 371, 494-498. | 6.0 | 110 |
| 9 | A multi-responsive water-driven actuator with instant and powerful performance for versatile applications. Scientific Reports, 2015, 5, 9503. | 1.6 | 91 |
| 10 | A wearable, fibroid, self-powered active kinematic sensor based on stretchable sheath-core structural triboelectric fibers. Nano Energy, 2017, 39, 673-683. | 8.2 | 71 |
| 11 | Wearable Thermoelectric Devices Based on Au-Decorated Two-Dimensional MoS<sub>2</sub>. ACS Applied Materials & Interfaces, 2018, 10, 33316-33321. | 4.0 | 57 |
| 12 | All-Nanoparticle Self-assembly ZnO/TiO<sub>2</sub> Heterojunction Thin Films with Remarkably Enhanced Photoelectrochemical Activity. ACS Applied Materials & Interfaces, 2014, 6, 5719-5725. | 4.0 | 49 |
| 13 | Flexible and thermostable thermoelectric devices based on large-area and porous all-graphene films. Carbon, 2016, 107, 146-153. | 5.4 | 47 |
| 14 | Graphene-carbon nanotube papers for energy conversion and storage under sunlight and heat. Carbon, 2015, 95, 150-156. | 5.4 | 24 |
| 15 | Single-walled carbon nanotubes/polyaniline-coated polyester thermoelectric textile with good interface stability prepared by ultrasonic induction. RSC Advances, 2016, 6, 90347-90353. | 1.7 | 24 |
| 16 | A flexible metallic actuator using reduced graphene oxide as a multifunctional component. Nanoscale, 2017, 9, 12963-12968. | 2.8 | 18 |