

Kevin Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5614843/publications.pdf>

Version: 2024-02-01

19
papers

6,559
citations

471061

17
h-index

794141

19
g-index

20
all docs

20
docs citations

20
times ranked

9256
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Autonomous sweat extraction and analysis applied to cystic fibrosis and glucose monitoring using a fully integrated wearable platform. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4625-4630. | 3.3 | 573 |
| 2 | Nanoscale Junction Formation by Gas-Phase Monolayer Doping. ACS Applied Materials & Interfaces, 2017, 9, 20648-20655. | 4.0 | 22 |
| 3 | Wearable Devices: Wearable Microfluidic Diaphragm Pressure Sensor for Health and Tactile Touch Monitoring (Adv. Mater. 39/2017). Advanced Materials, 2017, 29, . | 11.1 | 6 |
| 4 | 3D Printed "Earable" Smart Devices for Real-Time Detection of Core Body Temperature. ACS Sensors, 2017, 2, 990-997. | 4.0 | 105 |
| 5 | Wearable Microfluidic Diaphragm Pressure Sensor for Health and Tactile Touch Monitoring. Advanced Materials, 2017, 29, 1701985. | 11.1 | 431 |
| 6 | A Wearable Electrochemical Platform for Noninvasive Simultaneous Monitoring of Ca ²⁺ and pH. ACS Nano, 2016, 10, 7216-7224. | 7.3 | 480 |
| 7 | Wearable sweat biosensors. , 2016, , . | | 20 |
| 8 | Wearable Microsensor Array for Multiplexed Heavy Metal Monitoring of Body Fluids. ACS Sensors, 2016, 1, 866-874. | 4.0 | 297 |
| 9 | Application of 3D Printing for Smart Objects with Embedded Electronic Sensors and Systems. Advanced Materials Technologies, 2016, 1, 1600013. | 3.0 | 167 |
| 10 | Fully integrated wearable sensor arrays for multiplexed in situ perspiration analysis. Nature, 2016, 529, 509-514. | 13.7 | 3,508 |
| 11 | Direct growth of single-crystalline III-V semiconductors on amorphous substrates. Nature Communications, 2016, 7, 10502. | 5.8 | 45 |
| 12 | A fully roll-to-roll gravure-printed carbon nanotube-based active matrix for multi-touch sensors. Scientific Reports, 2015, 5, 17707. | 1.6 | 96 |
| 13 | Fully printed flexible and disposable wireless cyclic voltammetry tag. Scientific Reports, 2015, 5, 8105. | 1.6 | 61 |
| 14 | Oriented Growth of Gold Nanowires on MoS ₂ . Advanced Functional Materials, 2015, 25, 6257-6264. | 7.8 | 21 |
| 15 | Enhanced Near-Bandgap Response in InP Nanopillar Solar Cells. Advanced Energy Materials, 2014, 4, 1400061. | 10.2 | 21 |
| 16 | Air stable n-doping of WSe ₂ by silicon nitride thin films with tunable fixed charge density. APL Materials, 2014, 2, . | 2.2 | 76 |
| 17 | Highly deformable liquid-state heterojunction sensors. Nature Communications, 2014, 5, 5032. | 5.8 | 221 |
| 18 | 19.2% Efficient InP Heterojunction Solar Cell with Electron-Selective TiO ₂ Contact. ACS Photonics, 2014, 1, 1245-1250. | 3.2 | 116 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Bioinformatics for Whole-Genome Shotgun Sequencing of Microbial Communities. PLoS Computational Biology, 2005, 1, e24. | 1.5 | 292 |