

Kevin Chen

List of Publications by Year in descending order

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19
papers

6,559
citations

471509

17
h-index

794594

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.	7.1	573
2	Nanoscale Junction Formation by Gas-Phase Monolayer Doping. ACS Applied Materials & Interfaces, 2017, 9, 20648-20655.	8.0	22
3	Wearable Devices: Wearable Microfluidic Diaphragm Pressure Sensor for Health and Tactile Touch Monitoring (Adv. Mater. 39/2017). Advanced Materials, 2017, 29, .	21.0	6
4	3D Printed "Earable" Smart Devices for Real-Time Detection of Core Body Temperature. ACS Sensors, 2017, 2, 990-997.	7.8	105
5	Wearable Microfluidic Diaphragm Pressure Sensor for Health and Tactile Touch Monitoring. Advanced Materials, 2017, 29, 1701985.	21.0	431
6	A Wearable Electrochemical Platform for Noninvasive Simultaneous Monitoring of Ca ²⁺ and pH. ACS Nano, 2016, 10, 7216-7224.	14.6	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.	7.8	297
9	Application of 3D Printing for Smart Objects with Embedded Electronic Sensors and Systems. Advanced Materials Technologies, 2016, 1, 1600013.	5.8	167
10	Fully integrated wearable sensor arrays for multiplexed in situ perspiration analysis. Nature, 2016, 529, 509-514.	27.8	3,508
11	Direct growth of single-crystalline III-V semiconductors on amorphous substrates. Nature Communications, 2016, 7, 10502.	12.8	45
12	A fully roll-to-roll gravure-printed carbon nanotube-based active matrix for multi-touch sensors. Scientific Reports, 2015, 5, 17707.	3.3	96
13	Fully printed flexible and disposable wireless cyclic voltammetry tag. Scientific Reports, 2015, 5, 8105.	3.3	61
14	Oriented Growth of Gold Nanowires on MoS ₂ . Advanced Functional Materials, 2015, 25, 6257-6264.	14.9	21
15	Enhanced Near-Bandgap Response in InP Nanopillar Solar Cells. Advanced Energy Materials, 2014, 4, 1400061.	19.5	21
16	Air stable n-doping of WSe ₂ by silicon nitride thin films with tunable fixed charge density. APL Materials, 2014, 2, .	5.1	76
17	Highly deformable liquid-state heterojunction sensors. Nature Communications, 2014, 5, 5032.	12.8	221
18	19.2% Efficient InP Heterojunction Solar Cell with Electron-Selective TiO ₂ Contact. ACS Photonics, 2014, 1, 1245-1250.	6.6	116

#	ARTICLE	IF	CITATIONS
19	Bioinformatics for Whole-Genome Shotgun Sequencing of Microbial Communities. PLoS Computational Biology, 2005, 1, e24.	3.2	292