

Hsiao-Yu Chang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

843
citations

1937685

4
h-index

2272923

4
g-index

10
all docs

10
docs citations

10
times ranked

2101
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Performance, Highly Bendable MoS ₂ Transistors with High-K Dielectrics for Flexible Low-Power Systems. ACS Nano, 2013, 7, 5446-5452.	14.6	445
2	On the mobility and contact resistance evaluation for transistors based on MoS ₂ or two-dimensional semiconducting atomic crystals. Applied Physics Letters, 2014, 104, .	3.3	173
3	Large-Area Monolayer MoS ₂ for Flexible Low-Power RF Nanoelectronics in the GHz Regime. Advanced Materials, 2016, 28, 1818-1823.	21.0	161
4	Transparent Nanoscale Polyimide Gate Dielectric for Highly Flexible Electronics. Advanced Electronic Materials, 2018, 4, 1700043.	5.1	24
5	High-performance flexible nanoelectronics: 2D atomic channel materials for low-power digital and high-frequency analog devices. , 2013, , .		17
6	High-frequency prospects of 2D nanomaterials for flexible nanoelectronics from baseband to sub-THz devices. , 2015, , .		14
7	Flexible 2D electronics using nanoscale transparent polyimide gate dielectric. , 2015, , .		5
8	State-of-the-art large area CVD MoS ₂ based RF electronics. , 2016, , .		2
9	State-of-the-art flexible 2D nanoelectronics based on graphene and MoS ₂ . , 2013, , .		1
10	Flexible 2D nanoelectronics from baseband to sub-THz transistors and circuits. , 2016, , .		1