

Megan E Beck

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11514132/publications.pdf>

Version: 2024-02-01

9
papers

971
citations

1307594
7
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

1849
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-terminal memtransistors from polycrystalline monolayer molybdenum disulfide. <i>Nature</i> , 2018, 554, 500-504.	27.8	705
2	Layer-by-Layer Assembled 2D Montmorillonite Dielectrics for Solution-Processed Electronics. <i>Advanced Materials</i> , 2016, 28, 63-68.	21.0	72
3	Spiking neurons from tunable Gaussian heterojunction transistors. <i>Nature Communications</i> , 2020, 11, 1565.	12.8	58
4	Self-Aligned van der Waals Heterojunction Diodes and Transistors. <i>Nano Letters</i> , 2018, 18, 1421-1427.	9.1	51
5	Emerging Opportunities for Electrostatic Control in Atomically Thin Devices. <i>ACS Nano</i> , 2020, 14, 6498-6518.	14.6	51
6	Large-area optoelectronic-grade InSe thin films via controlled phase evolution. <i>Applied Physics Reviews</i> , 2020, 7, .	11.3	17
7	Atomic-level charge transport mechanism in gate-tunable anti-ambipolar van der Waals heterojunctions. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	8
8	Ohmic-Contact-Gated Carbon Nanotube Transistors for High-Performance Analog Amplifiers. <i>Advanced Materials</i> , 2021, 33, e2100994.	21.0	7
9	Transistors: Layer-by-Layer Assembled 2D Montmorillonite Dielectrics for Solution-Processed Electronics (<i>Adv. Mater.</i> 1/2016). <i>Advanced Materials</i> , 2016, 28, 203-203.	21.0	2