

Eunhye Baek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3191371/publications.pdf>

Version: 2024-02-01

10
papers

289
citations

1478280

6
h-index

1872570

6
g-index

11
all docs

11
docs citations

11
times ranked

594
citing authors

#	ARTICLE	IF	CITATIONS
1	Negative Photoconductance in Heavily Doped Si Nanowire Field-Effect Transistors. Nano Letters, 2017, 17, 6727-6734.	4.5	69
2	Silicon nanowire ion sensitive field effect transistor with integrated Ag/AgCl electrode: pH sensing and noise characteristics. Analyst, The, 2011, 136, 5012.	1.7	66
3	Hybrid Silicon Nanowire Devices and Their Functional Diversity. Advanced Science, 2019, 6, 1900522.	5.6	54
4	Intrinsic plasticity of silicon nanowire neurotransistors for dynamic memory and learning functions. Nature Electronics, 2020, 3, 398-408.	13.1	37
5	Optoelectronic switching of nanowire-based hybrid organic/oxide/semiconductor field-effect transistors. Nano Research, 2015, 8, 1229-1240.	5.8	32
6	Walking-Age Analyzer for Healthcare Applications. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1034-1042.	3.9	27
7	Lab on a Wire: Application of Silicon Nanowires for Nanoscience and Biotechnology. , 2014, , 241-278.		3
8	Metal ion-doped sol-gel film for emulating synaptic activity and short-term non-volatile memory. , 2019, , .		1
9	Analysis of electric field and electrostatic potential distributions in porphyrin-coated silicon nanowire field-effect transistors. , 2014, , .		0
10	Neuromorphic hybrid systems based on polarizable thin film-coated silicon nanowire field-effect transistors. , 2021, , .		0