

Seung-Yoon Kim

List of Publications by Year in descending order

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papers

22
citations

2682572

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2053705

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citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical Stability Analysis via Neutral Mechanical Plane for High-Performance Flexible Si Nanomembrane FDSOI Device. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700618.	3.7	9
2	Reliability improvement of a flexible FD-SOI MOSFET via heat management. <i>Applied Physics Letters</i> , 2017, 110, 252101.	3.3	6
3	Valley-engineered ultra-thin silicon for high-performance junctionless transistors. <i>Scientific Reports</i> , 2016, 6, 29354.	3.3	2
4	Performance Degradation of Flexible Si Nanomembrane Transistors With Al_2O_3 and SiO_2 Dielectrics Under Mechanical Stress. <i>IEEE Transactions on Electron Devices</i> , 2018, 65, 3069-3072.	3.0	2
5	Minimally invasive medical catheter with highly flexible FDSOI-based integrated circuits. , 2019, , .		2
6	Influence of Self-Heating Effect on Interface Trap Generation in Highly Flexible Single-Crystalline Si Nanomembrane Transistors. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 6481-6486.	0.9	1
7	Mechanical and Electrical Reliability Analysis of Flexible Si Complementary Metal-Oxide-Semiconductor Integrated Circuit. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 6473-6480.	0.9	0