

Youngkee Eun

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

245
citations

1163117

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1125743

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21
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docs citations

21
times ranked

252
citing authors

#	ARTICLE	IF	CITATIONS
1	Micromachined Resonant Frequency Tuning Unit for Torsional Resonator. <i>Micromachines</i> , 2017, 8, 342.	2.9	4
2	Development of MEMS Multi-Mode Electrostatic Energy Harvester Based on the SOI Process. <i>Micromachines</i> , 2017, 8, 51.	2.9	18
3	A highly sensitive flexible strain sensor based on the contact resistance change of carbon nanotube bundles. <i>Nanotechnology</i> , 2016, 27, 205502.	2.6	22
4	Low-Temperature Selective Growth of Tungsten Oxide Nanowires by Controlled Nanoscale Stress Induction. <i>Scientific Reports</i> , 2015, 5, 18265.	3.3	8
5	Investigation of Interfacial Adhesion between the Top Ends of Carbon Nanotubes. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6598-6605.	8.0	12
6	Using Confined Self-Adjusting Carbon Nanotube Arrays as High-Sensitivity Displacement Sensing Element. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 10181-10187.	8.0	13
7	Variable capacitor with switching mechanism for wide tuning range. , 2014, , .		0
8	Reversible and Continuous Latching Using a Carbon Internanotube Interface. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 7465-7469.	8.0	3
9	Deformable Carbon Nanotube-Contact Pads for Inertial Microswitch to Extend Contact Time. <i>IEEE Transactions on Industrial Electronics</i> , 2012, 59, 4914-4920.	7.9	43
10	Vertically aligned carbon nanotube arrays as vertical comb structures for electrostatic torsional actuator. <i>Microelectronic Engineering</i> , 2012, 98, 405-408.	2.4	12
11	Continuously latchable shuttle using carbon nanotubes on sidewall surfaces. , 2012, , .		0
12	Integrated carbon nanotube arrays for reliable contact in electromechanical memory device. , 2012, , .		0
13	Microswitch with self-assembled carbon nanotube arrays for high current density and reliable contact. , 2011, , .		4
14	A novel accelerometer based on contact resistance of integrated carbon nanotubes. , 2011, , .		3
15	Aligned Carbon Nanotube Arrays for Degradation-Resistant, Intimate Contact in Micromechanical Devices. <i>Advanced Materials</i> , 2011, 23, 2231-2236.	21.0	59
16	Integrated Carbon Nanotube Array as Dry Adhesive for High-Temperature Silicon Processing. <i>Advanced Materials</i> , 2011, 23, 4285-4289.	21.0	25
17	Carbon Nanotubes: Integrated Carbon Nanotube Array as Dry Adhesive for High-Temperature Silicon Processing (<i>Adv. Mater.</i> 37/2011). <i>Advanced Materials</i> , 2011, 23, 4208-4208.	21.0	0
18	Angular vertical comb actuators assembled on-chip using in-plane electrothermal actuators and latching mechanisms. <i>Sensors and Actuators A: Physical</i> , 2011, 165, 94-100.	4.1	4

#	ARTICLE	IF	CITATIONS
19	Thermally driven torsional micromirrors using pre-bent torsion bar for large static angular displacement. Journal of Micromechanics and Microengineering, 2009, 19, 045009.	2.6	7
20	Bidirectional Electrothermal Electromagnetic Torsional Microactuators. , 2009, , .		3
21	Resonant Frequency Tuning of Torsional Microscanner by Mechanical Restriction using MEMS Actuator. , 2009, , .		5