

Kwang-Cheol Lee

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

302
citations

1040056

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1281871

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g-index

14
all docs

14
docs citations

14
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	Realization of the kilogram using the KRISS Kibble balance. Metrologia, 2020, 57, 055006.	1.2	11
2	Gravity Measurement for the KRISS Watt Balance. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 1317-1322.	4.7	5
3	Establishment of KRISS watt balance system to have high uniformity performance. International Journal of Precision Engineering and Manufacturing, 2017, 18, 945-953.	2.2	12
4	Design of the KRISS watt balance. Metrologia, 2014, 51, S96-S100.	1.2	48
5	High frequency carbon nanomechanical resonators embedded with carbon nanotube stiffening layers. Applied Physics Letters, 2010, 97, .	3.3	4
6	Fabrication of Carbon Microneedle Arrays with High Aspect Ratios and The Control of Hydrophobicity of These Arrays for Bio-Applications. Transactions of the Korean Society of Mechanical Engineers, A, 2010, 34, 1721-1725.	0.2	0
7	An electrochemical impedance biosensor with aptamer-modified pyrolyzed carbon electrode for label-free protein detection. Sensors and Actuators B: Chemical, 2008, 129, 372-379.	7.8	133
8	The fabrication of carbon nanostructures using electron beam resist pyrolysis and nanomachining processes for biosensing applications. Nanotechnology, 2008, 19, 215302.	2.6	9
9	Fabrication and characterization of freestanding 3D carbon microstructures using multi-exposures and resist pyrolysis. Journal of Micromechanics and Microengineering, 2008, 18, 035012.	2.6	41
10	Biosensor utilizing resist-derived carbon nanostructures. Applied Physics Letters, 2007, 90, 264103.	3.3	16
11	Fabrication and Characterization of Pyrolyzed Carbon for Use as an Electrode Material in Electrochemical Biosensor. Transactions of the Korean Society of Mechanical Engineers, A, 2007, 31, 986-992.	0.2	0
12	Deep X-ray mask with integrated electro-thermal micro xy-stage for 3D fabrication. Sensors and Actuators A: Physical, 2004, 111, 37-43.	4.1	9
13	Deep X-ray mask with integrated actuator for 3D microfabrication. Sensors and Actuators A: Physical, 2003, 108, 121-127.	4.1	12
14	Deep X-Ray Mask With Integrated Actuator for 3D LIGA Process. , 2002, , .		2