

Chia-Ling Chen

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

629
citations

1040056

9
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

1177
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell and Protein Compatibility of Parylene-C Surfaces. Langmuir, 2007, 23, 11718-11725.	3.5	279
2	Direct measurement of graphene adhesion on silicon surface by intercalation of nanoparticles. Journal of Applied Physics, 2010, 107, .	2.5	164
3	Three-dimensional assembly of single-walled carbon nanotube interconnects using dielectrophoresis. Nanotechnology, 2007, 18, 395204.	2.6	37
4	SWNT Based Nanosensors for Wireless Detection of Explosives and Chemical Warfare Agents. IEEE Sensors Journal, 2013, 13, 202-210.	4.7	29
5	Mechanical and electrical evaluation of parylene-C encapsulated carbon nanotube networks on a flexible substrate. Applied Physics Letters, 2008, 93, 093109.	3.3	26
6	Directed assembly of high density single-walled carbon nanotube patterns on flexible polymer substrates. Nanotechnology, 2009, 20, 295302.	2.6	26
7	DNA-decorated carbon-nanotube-based chemical sensors on complementary metal oxide semiconductor circuitry. Nanotechnology, 2010, 21, 095504.	2.6	26
8	The heterogeneous integration of single-walled carbon nanotubes onto complementary metal oxide semiconductor circuitry for sensing applications. Nanotechnology, 2009, 20, 225302.	2.6	20
9	Three dimensional controlled assembly of gold nanoparticles using a micromachined platform. Applied Physics Letters, 2007, 90, 083105.	3.3	16
10	A Novel Three Dimensional Field Effect Transistor Based on Single-Walled Carbon Nanotubes. , 2008, , .		3
11	Integration of Single-Walled Carbon Nanotubes on to CMOS Circuitry with Parylene-C Encapsulation. , 2008, , .		2
12	Three-dimensional nano electronics by dielectrophoretic assembly on a flexible substrate. , 2007, , .		1