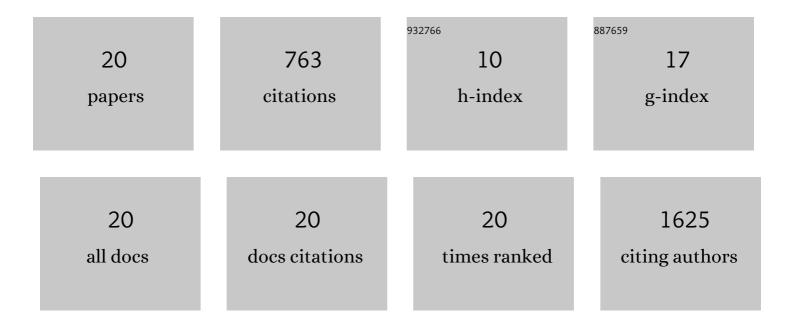
## Marleen H Van Der Veen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6894454/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Bandgap opening in oxygen plasma-treated graphene. Nanotechnology, 2010, 21, 435203.	1.3	289
2	Donorâ	2.2	124
3	Synthesis and Properties of an Anthraquinone-Based Redox Switch for Molecular Electronics. Organic Letters, 2006, 8, 2333-2336.	2.4	124
4	Single Layer vs Bilayer Graphene: A Comparative Study of the Effects of Oxygen Plasma Treatment on Their Electronic and Optical Properties. Journal of Physical Chemistry C, 2011, 115, 16619-16624.	1.5	60
5	Electrical characterization of CNT contacts with Cu Damascene top contact. Microelectronic Engineering, 2013, 106, 106-111.	1.1	26
6	Modified, semiconducting graphene in contact with a metal: Characterization of the Schottky diode. Applied Physics Letters, 2010, 97, .	1.5	25
7	Growth and integration challenges for carbon nanotube interconnects. Microelectronic Engineering, 2014, 120, 188-193.	1.1	20
8	Electrochemical Deposition of Subnanometer Ni Films on TiN. Langmuir, 2014, 30, 2047-2053.	1.6	19
9	Enhanced nucleation of Ni nanoparticles on TiN through H3BO3-mediated growth inhibition. Electrochimica Acta, 2013, 109, 411-418.	2.6	18
10	Complementary metal-oxide-semiconductor-compatible and self-aligned catalyst formation for carbon nanotube synthesis and interconnect fabrication. Journal of Applied Physics, 2012, 111, .	1.1	13
11	Dual Role of Hydrogen in Low Temperature Plasma Enhanced Carbon Nanotube Growth. Journal of Physical Chemistry C, 2015, 119, 18293-18302.	1.5	8
12	Carbon nanotube growth from Langmuir–Blodgett deposited Fe3O4nanocrystals. Nanotechnology, 2012, 23, 405604.	1.3	6
13	Electrical improvement of CNT contacts with Cu damascene top metallization. , 2013, , .		6
14	Silver-Assisted Etching of Silicon Nanowires. ECS Transactions, 2010, 33, 49-58.	0.3	5
15	Carbon nanotube interconnects: Electrical characterization of 150 nm CNT contacts with Cu damascene top contact. , 2011, , .		5
16	Substrate-limited Mobility in Single- and Bi-layer Graphene on Dielectric Materials. ECS Transactions, 2009, 19, 201-209.	0.3	4
17	Charge transfer effects in graphene-CdSe/ZnS quantum dots composites. Proceedings of SPIE, 2012, , .	0.8	3
18	Wafer-Level Electrical Evaluation of Vertical Carbon Nanotube Bundles as a Function of Growth Temperature. Japanese Journal of Applied Physics, 2013, 52, 04CN02.	0.8	3

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19Increased carbon nanotube area density after catalyst generation from cobalt disilicide using a cyclic1.13reactive ion etching approach. Journal of Applied Physics, 2014, 115, 144302.	#	Article	IF	CITATIONS
	19	Increased carbon nanotube area density after catalyst generation from cobalt disilicide using a cyclic reactive ion etching approach. Journal of Applied Physics, 2014, 115, 144302.	1.1	3

20 Electrical and structural characterization of 150 nm CNT contacts with Cu damascene top metallization. , 2012, , .