Jean Pierre Nshimiyimana

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1145454/publications.pdf

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19	240	1163117 8	996975 15
papers	citations	h-index	g-index

19	19	19	297
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optical design and co-sputtering preparation of high performance Moâ€“SiO2 cermet solar selective absorbing coating. Applied Surface Science, 2013, 280, 240-246.	6.1	48
2	A rechargeable electrochromic energy storage device enabling effective energy recovery. Journal of Materials Chemistry A, 2021, 9, 6451-6459.	10.3	43
3	Evaluating strategies for renewable energy development in Rwanda: An integrated SWOT â€“ ISM analysis. Renewable Energy, 2021, 176, 402-414.	8.9	32
4	Effective enhancement of the mechanical properties of macroscopic single-walled carbon nanotube fibers by pressure treatment. RSC Advances, 2016, 6, 97012-97017.	3.6	17
5	Thickness-dependent morphologies of Ag on n-layer MoS2 and its surface-enhanced Raman scattering. Nano Research, 2016, 9, 1682-1688.	10.4	16
6	Waferâ€Scale Fabrication of Suspended Singleâ€Walled Carbon Nanotube Arrays by Silver Liquid Dynamics. Small, 2017, 13, 1701218.	10.0	16
7	Nanogapâ€Engineerable Electromechanical System for Ultralow Power Memory. Advanced Science, 2018, 5, 1700588.	11.2	11
8	Durable superhydrophilic and antireflective coating for high-performance anti-dust photovoltaic systems. Applied Nanoscience (Switzerland), 2021, 11, 875-885.	3.1	9
9	Roomâ€Temperature Carbon Nanotube Singleâ€Electron Transistors with Mechanical Bucklingâ€“Defined Quantum Dots. Advanced Electronic Materials, 2018, 4, 1700628.	5.1	8
10	Observation of Van Hove Singularities and Temperature Dependence of Electrical Characteristics in Suspended Carbon Nanotube Schottky Barrier Transistors. Nano-Micro Letters, 2018, 10, 25.	27.0	7
11	Large magnetic moment at sheared ends of single-walled carbon nanotubes. Chinese Physics B, 2018, 27, 128101.	1.4	7
12	Wettability of monolayer graphene/single-walled carbon nanotube hybrid films. RSC Advances, 2017, 7, 48184-48188.	3.6	6
13	Wettability of graphene nanoribbons films with different surface density. RSC Advances, 2017, 7, 11890-11895.	3.6	4
14	Experimental Evidence of Negative Thermal Expansion in a Composite Nanocable of Single-Walled Carbon Nanotubes and Amorphous Carbon along the Axial Direction. Journal of Physical Chemistry C, 2018, 122, 26707-26712.	3.1	4
15	Large-Scale Fabrication of Suspended, Aligned, and Strained Single-Walled Carbon Nanotube Networks. Journal of Physical Chemistry C, 2017, 121, 28576-28580.	3.1	3
16	Ultraclean individual suspended single-walled carbon nanotube field effect transistor. Nanotechnology, 2018, 29, 175302.	2.6	3
17	Thinning of n-layer MoS₂ by annealing a palladium film under vacuum. RSC Advances, 2016, 6, 50595-50598.	3.6	2
18	Controlling conducting channels of single-walled carbon nanotube array with atomic force microscopy. Applied Nanoscience (Switzerland), 2017, 7, 759-764.	3.1	2

#	Article	IF	Citations
19	Large positive magnetoresistance in semiconducting single-walled carbon nanotubes at room temperature. RSC Advances, 2018, 8, 10179-10184.	3.6	2