

Jean Pierre Nshimiyimana

List of Publications by Year in descending order

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19
papers

240
citations

1163117

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19
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times ranked

297
citing authors

#	ARTICLE	IF	CITATIONS
1	Durable superhydrophilic and antireflective coating for high-performance anti-dust photovoltaic systems. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 875-885.	3.1	9
2	Evaluating strategies for renewable energy development in Rwanda: An integrated SWOT â€“ ISM analysis. <i>Renewable Energy</i> , 2021, 176, 402-414.	8.9	32
3	A rechargeable electrochromic energy storage device enabling effective energy recovery. <i>Journal of Materials Chemistry A</i> , 2021, 9, 6451-6459.	10.3	43
4	Roomâ€“Temperature Carbon Nanotube Singleâ€“Electron Transistors with Mechanical Bucklingâ€“Defined Quantum Dots. <i>Advanced Electronic Materials</i> , 2018, 4, 1700628.	5.1	8
5	Ultraclean individual suspended single-walled carbon nanotube field effect transistor. <i>Nanotechnology</i> , 2018, 29, 175302.	2.6	3
6	Observation of Van Hove Singularities and Temperature Dependence of Electrical Characteristics in Suspended Carbon Nanotube Schottky Barrier Transistors. <i>Nano-Micro Letters</i> , 2018, 10, 25.	27.0	7
7	Large positive magnetoresistance in semiconducting single-walled carbon nanotubes at room temperature. <i>RSC Advances</i> , 2018, 8, 10179-10184.	3.6	2
8	Nanogapâ€“Engineerable Electromechanical System for Ultralow Power Memory. <i>Advanced Science</i> , 2018, 5, 1700588.	11.2	11
9	Large magnetic moment at sheared ends of single-walled carbon nanotubes. <i>Chinese Physics B</i> , 2018, 27, 128101.	1.4	7
10	Experimental Evidence of Negative Thermal Expansion in a Composite Nanocable of Single-Walled Carbon Nanotubes and Amorphous Carbon along the Axial Direction. <i>Journal of Physical Chemistry C</i> , 2018, 122, 26707-26712.	3.1	4
11	Wettability of graphene nanoribbons films with different surface density. <i>RSC Advances</i> , 2017, 7, 11890-11895.	3.6	4
12	Wettability of monolayer graphene/single-walled carbon nanotube hybrid films. <i>RSC Advances</i> , 2017, 7, 48184-48188.	3.6	6
13	Waferâ€“Scale Fabrication of Suspended Singleâ€“Walled Carbon Nanotube Arrays by Silver Liquid Dynamics. <i>Small</i> , 2017, 13, 1701218.	10.0	16
14	Large-Scale Fabrication of Suspended, Aligned, and Strained Single-Walled Carbon Nanotube Networks. <i>Journal of Physical Chemistry C</i> , 2017, 121, 28576-28580.	3.1	3
15	Controlling conducting channels of single-walled carbon nanotube array with atomic force microscopy. <i>Applied Nanoscience (Switzerland)</i> , 2017, 7, 759-764.	3.1	2
16	Thinning of n-layer MoS ₂ by annealing a palladium film under vacuum. <i>RSC Advances</i> , 2016, 6, 50595-50598.	3.6	2
17	Thickness-dependent morphologies of Ag on n-layer MoS ₂ and its surface-enhanced Raman scattering. <i>Nano Research</i> , 2016, 9, 1682-1688.	10.4	16
18	Effective enhancement of the mechanical properties of macroscopic single-walled carbon nanotube fibers by pressure treatment. <i>RSC Advances</i> , 2016, 6, 97012-97017.	3.6	17

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19	Optical design and co-sputtering preparation of high performance MoSiO ₂ cermet solar selective absorbing coating. Applied Surface Science, 2013, 280, 240-246.	6.1	48