

Steve F A Acquah

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5014015/publications.pdf>

Version: 2024-02-01

28
papers

1,250
citations

566801

15
h-index

676716

22
g-index

29
all docs

29
docs citations

29
times ranked

2159
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale synthesis and characterization of carbon spheres prepared by direct pyrolysis of hydrocarbons. Carbon, 2005, 43, 1944-1953.	5.4	276
2	Polyurea-Functionalized Multiwalled Carbon Nanotubes: Synthesis, Morphology, and Raman Spectroscopy. Journal of Physical Chemistry B, 2005, 109, 11925-11932.	1.2	227
3	Carbon nanotubes on a spider silk scaffold. Nature Communications, 2013, 4, 2435.	5.8	134
4	Structural and Optical Properties of Nanocrystalline TiO ₂ with Multiwalled Carbon Nanotubes and Its Photovoltaic Studies Using Ru(II) Sensitizers. ACS Omega, 2018, 3, 2743-2756.	1.6	74
5	Polar Assembly in a Designed Protein Fiber. Angewandte Chemie - International Edition, 2005, 44, 325-328.	7.2	68
6	Assembly of cross-linked multi-walled carbon nanotube mats. Carbon, 2010, 48, 987-994.	5.4	61
7	Review "The Beautiful Molecule: 30 Years of C ₆₀ and Its Derivatives. ECS Journal of Solid State Science and Technology, 2017, 6, M3155-M3162.	0.9	61
8	Transport properties of cross-linked fullerene/PVA membranes. Carbon, 2014, 76, 446-450.	5.4	49
9	Improvement of pervaporation PVA membranes by the controlled incorporation of fullerene nanoparticles. Materials and Design, 2016, 96, 416-423.	3.3	48
10	Fullerene derivatives as nano-additives in polymer composites. Russian Chemical Reviews, 2017, 86, 530-566.	2.5	45
11	Polyvinyl alcohol membranes modified by low-hydroxylated fullerene C ₆₀ (OH) ₁₂ . Journal of Membrane Science, 2015, 491, 22-27.	4.1	41
12	A simple strategy for the anchoring of anatase titania on multi-walled carbon nanotubes for solar energy harvesting. Solar Energy, 2017, 149, 188-194.	2.9	35
13	Direct confirmation that carbon nanotubes still react covalently after removal of acid-oxidative lattice fragments. Carbon, 2010, 48, 916-918.	5.4	27
14	A flexible cross-linked multi-walled carbon nanotube paper for sensing hydrogen. Carbon, 2012, 50, 2672-2674.	5.4	26
15	A synergistic approach to light-free catalysis using zinc oxide embedded multi-walled carbon nanotube paper. Carbon, 2014, 77, 705-709.	5.4	21
16	Carbon Nanotubes and Graphene as Additives in 3D Printing. , 2016, , .		20
17	Piezoelectric enhanced cross-linked multi-walled carbon nanotube paper. Carbon, 2013, 64, 544-547.	5.4	14
18	1D Nanomaterials. Journal of Nanomaterials, 2010, 2010, 1-3.	1.5	4

#	ARTICLE	IF	CITATIONS
19	Strategies to Successfully Cross-Link Carbon Nanotubes. , 2011, , .		3
20	Interconnecting Carbon Nanotubes for a Sustainable Economy. , 0, , .		3
21	Noncovalent interactions based self-assembled bichromophoric sensitizer for dye-sensitized solar cells. Journal of Solid State Electrochemistry, 2019, 23, 1099-1107.	1.2	3
22	1D Nanomaterials 2011. Journal of Nanomaterials, 2012, 2012, 1-2.	1.5	1
23	Investigating the Formation Process of Sn-Based Lead-Free Nanoparticles with a Chemical Reduction Method. Journal of Nanomaterials, 2013, 2013, 1-9.	1.5	1
24	Low melting point nanocrystalline Sn–Ag solder synthesized by a refined chemical reduction method. Science Bulletin, 2014, 59, 4147-4151.	1.7	1
25	1D Nanomaterials 2012. Journal of Nanomaterials, 2013, 2013, 1-2.	1.5	0
26	1D Nanomaterials 2013. Journal of Nanomaterials, 2014, 2014, 1-2.	1.5	0
27	3D Printing for Energy-Based Applications. , 2021, , 1899-1924.		0
28	3D Printing for Energy-Based Applications. , 2020, , 1-27.		0