

Sergey D Shandakov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1390185/publications.pdf>

Version: 2024-02-01

27
papers

1,196
citations

567281

15
h-index

610901

24
g-index

28
all docs

28
docs citations

28
times ranked

1801
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromechanical properties of fibers produced from randomly oriented SWCNT films by wet pulling technique. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 269, 115178.	3.5	5
2	Residence time effect on single-walled carbon nanotube synthesis in an aerosol CVD reactor. <i>Chemical Engineering Journal</i> , 2021, 420, 129869.	12.7	21
3	Fused Filament Fabricated Polypropylene Composite Reinforced by Aligned Glass Fibers. <i>Materials</i> , 2020, 13, 3442.	2.9	14
4	Effect of gaseous and condensate products of ethanol decomposition on aerosol CVD synthesis of single-walled carbon nanotubes. <i>Carbon</i> , 2018, 126, 522-531.	10.3	36
5	Direct observation of nanowire growth and decomposition. <i>Scientific Reports</i> , 2017, 7, 12310.	3.3	8
6	Single-wall carbon nanotubes oriented by gas flow at synthesis by aerosol CVD method as terahertz polarizers. , 2016, , .		0
7	COMPUTER SIMULATION OF FUNCTIONALIZED CARBON NANOTUBES AND GRAPHENE. <i>Science Evolution</i> , 2016, , 114-125.	0.1	0
8	A Novel Method for Continuous Synthesis of ZnO Tetrapods. <i>Journal of Physical Chemistry C</i> , 2015, 119, 16366-16373.	3.1	30
9	Effect of van der Waals interactions on the structural and binding properties of GaSe. <i>Journal of Solid State Chemistry</i> , 2015, 232, 67-72.	2.9	12
10	In Situ Study of Noncatalytic Metal Oxide Nanowire Growth. <i>Nano Letters</i> , 2014, 14, 5810-5813.	9.1	63
11	Mechanistic investigations of single-walled carbon nanotube synthesis by ferrocene vapor decomposition in carbon monoxide. <i>Carbon</i> , 2010, 48, 380-388.	10.3	78
12	Direct Synthesis of Carbon Nanofibers on Cement Particles. <i>Transportation Research Record</i> , 2010, 2142, 96-101.	1.9	41
13	In Situ TEM Observation of MgO Nanorod Growth. <i>Crystal Growth and Design</i> , 2010, 10, 414-417.	3.0	30
14	Simple and rapid synthesis of Fe_2O_3 nanowires under ambient conditions. <i>Nano Research</i> , 2009, 2, 373-379.	10.4	208
15	CVD synthesis and radial deformations of large diameter single-walled CNTs. <i>Current Applied Physics</i> , 2009, 9, 301-305.	2.4	26
16	A novel cement-based hybrid material. <i>New Journal of Physics</i> , 2009, 11, 023013.	2.9	108
17	Mechanistic investigation of ZnO nanowire growth. <i>Applied Physics Letters</i> , 2009, 95, 183114.	3.3	38
18	Charging of Aerosol Products during Ferrocene Vapor Decomposition in N_2 and CO Atmospheres. <i>Journal of Physical Chemistry C</i> , 2008, 112, 5762-5769.	3.1	24

#	ARTICLE	IF	CITATIONS
19	A novel hybrid carbon material. <i>Nature Nanotechnology</i> , 2007, 2, 156-161.	31.5	369
20	Spontaneous Charging of Single-Walled Carbon Nanotubes: A Novel Strategy for the Selective Substrate Deposition of Individual Tubes at Ambient Temperature. <i>Chemistry of Materials</i> , 2006, 18, 5052-5057.	6.7	20
21	Response to comment on: "Phenomenological description of mobility of nm- and sub nm-sized charged aerosol particles in electric field". <i>Journal of Aerosol Science</i> , 2006, 37, 115-118.	3.8	0
22	Single-walled carbon nanotube charging during bundling process in the gas phase. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 3234-3237.	1.5	8
23	Spontaneous charging of single-walled carbon nanotubes in the gas phase. <i>Carbon</i> , 2006, 44, 2099-2101.	10.3	6
24	Phenomenological description of mobility of nm- and sub-nm-sized charged aerosol particles in electric field. <i>Journal of Aerosol Science</i> , 2005, 36, 1125-1143.	3.8	15
25	Binary N-octanol-sulfur hexafluoride nucleation. <i>Journal of Chemical Physics</i> , 2001, 115, 810-816.	3.0	9
26	n-Pentanol-helium homogeneous nucleation rates. <i>Journal of Chemical Physics</i> , 2000, 113, 1971-1975.	3.0	19
27	Surface Topology of the Ion-Induced Vapor Nucleation Rate. <i>Aerosol Science and Technology</i> , 1998, 29, 547-556.	3.1	3