

Annick Loiseau

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,526
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

3561
citing authors

#	ARTICLE	IF	CITATIONS
1	Photooxidation and quantum confinement effects in exfoliated black phosphorus. <i>Nature Materials</i> , 2015, 14, 826-832.	27.5	1,149
2	Atomic-scale structural identification and evolution of Co-W-C ternary SWCNT catalytic nanoparticles: High-resolution STEM imaging on SiO ₂ . <i>Science Advances</i> , 2019, 5, eaat9459.	10.3	71
3	Growth Termination and Multiple Nucleation of Single-Wall Carbon Nanotubes Evidenced by <i>in Situ</i> Transmission Electron Microscopy. <i>ACS Nano</i> , 2017, 11, 4483-4493.	14.6	60
4	Characterization methods dedicated to nanometer-thick hBN layers. <i>2D Materials</i> , 2017, 4, 015028.	4.4	46
5	Transmission Electron Microscopy and UV-Vis-IR Spectroscopy Analysis of the Diameter Sorting of Carbon Nanotubes by Gradient Density Ultracentrifugation. <i>Advanced Functional Materials</i> , 2009, 19, 2219-2223.	14.9	29
6	Key roles of carbon solubility in single-walled carbon nanotube nucleation and growth. <i>Nanoscale</i> , 2015, 7, 20284-20289.	5.6	27
7	Momentum-Resolved Dielectric Response of Free-Standing Mono-, Bi-, and Trilayer Black Phosphorus. <i>Nano Letters</i> , 2019, 19, 8303-8310.	9.1	27
8	A deep learning approach for determining the chiral indices of carbon nanotubes from high-resolution transmission electron microscopy images. <i>Carbon</i> , 2020, 169, 465-474.	10.3	27
9	Structural Properties of Double-Walled Carbon Nanotubes Driven by Mechanical Interlayer Coupling. <i>ACS Nano</i> , 2017, 11, 4840-4847.	14.6	21
10	Angle-resolved electron energy loss spectroscopy in hexagonal boron nitride. <i>Physical Review B</i> , 2017, 96, .	3.2	18
11	Assessing the reliability of the Raman peak counting method for the characterization of SWCNT diameter distributions: a cross characterization with TEM. <i>Carbon</i> , 2021, 171, 968-979.	10.3	15
12	Highly Ordered Boron Nitride/Epigraphene Epitaxial Films on Silicon Carbide by Lateral Epitaxial Deposition. <i>ACS Nano</i> , 2020, 14, 12962-12971.	14.6	14
13	Colloidal synthesis of nanoparticles: from bimetallic to high entropy alloys. <i>Nanoscale</i> , 2022, 14, 9832-9841.	5.6	13
14	Ultrasonication-induced extraction of inner shells from double-wall carbon nanotubes characterized via <i>in situ</i> spectroscopy after density gradient ultracentrifugation. <i>Carbon</i> , 2021, 185, 113-125.	10.3	9