Jennifer Carpena-NÃºÃ±ez

List of Publications by Year
in descending order

10	533	1307594	1372567
papers	citations	7	10
		h-index	g-index

10	10	10	938
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Carbon Nanotubes and Related Nanomaterials: Critical Advances and Challenges for Synthesis toward Mainstream Commercial Applications. ACS Nano, 2018, 12, 11756-11784.	14.6	388
2	Efficient Closed-loop Maximization of Carbon Nanotube Growth Rate using Bayesian Optimization. Scientific Reports, 2020, 10, 9040.	3.3	36
3	Carbon-assisted catalyst pretreatment enables straightforward synthesis of high-density carbon nanotube forests. Carbon, 2019, 153, 196-205.	10.3	31
4	Isolating the Roles of Hydrogen Exposure and Trace Carbon Contamination on the Formation of Active Catalyst Populations for Carbon Nanotube Growth. ACS Nano, 2019, 13, 8736-8748.	14.6	28
5	Defect engineering of graphene using electron-beam chemistry with radiolyzed water. Carbon, 2020, 166, 446-455.	10.3	15
6	Advanced machine learning decision policies for diameter control of carbon nanotubes. Npj Computational Materials, 2021, 7, .	8.7	11
7	Maximization of carbon nanotube yield by solid carbon-assisted dewetting of iron catalyst films. Carbon, 2020, 165, 251-258.	10.3	10
8	Zeolite Nanosheets Stabilize Catalyst Particles to Promote the Growth of Thermodynamically Unfavorable, Small‐Diameter Carbon Nanotubes. Small, 2020, 16, e2002120.	10.0	7
9	Water-assisted, electron-beam induced activation of carbon nanotube catalyst supports for mask-less, resist-free patterning. Carbon, 2018, 135, 270-277.	10.3	6
10	One-pot chemistry: Alkyne-assisted CNT growth enables in situ functionalization. MRS Bulletin, 2021, 46, 469-470.	3.5	1