

# Jennifer Carpena-NÃ³Ã±ez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/248640/publications.pdf>

Version: 2024-02-01

10  
papers

533  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

938  
citing authors

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