

# Wenbo Shi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1906553/publications.pdf>

Version: 2024-02-01

14  
papers

1,373  
citations

758635

12  
h-index

996533

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

2461  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Green ChemisTREE: 20 years after taking root with the 12 principles. <i>Green Chemistry</i> , 2018, 20, 1929-1961.	4.6	499
2	Carbon Nanotubes and Related Nanomaterials: Critical Advances and Challenges for Synthesis toward Mainstream Commercial Applications. <i>ACS Nano</i> , 2018, 12, 11756-11784.	7.3	388
3	Flexible, Mechanically Durable Aerogel Composites for Oil Capture and Recovery. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 215-224.	4.0	108
4	Synergistic Promotion Effect between NO <sub>x</sub> and Chlorobenzene Removal on MnO <sub>x</sub> –CeO <sub>2</sub> Catalyst. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 30426-30432.	4.0	74
5	High-Performance Capacitive Deionization via Manganese Oxide-Coated, Vertically Aligned Carbon Nanotubes. <i>Environmental Science and Technology Letters</i> , 2018, 5, 692-700.	3.9	69
6	Engineering Carbon Nanotube Forest Superstructure for Robust Thermal Desalination Membranes. <i>Advanced Functional Materials</i> , 2019, 29, 1903125.	7.8	48
7	Engineering surface functional groups on mesoporous silica: towards a humidity-resistant hydrophobic adsorbent. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13769-13777.	5.2	39
8	Vertically aligned carbon nanotubes: production and applications for environmental sustainability. <i>Green Chemistry</i> , 2018, 20, 5245-5260.	4.6	35
9	Oxygen-promoted catalyst sintering influences number density, alignment, and wall number of vertically aligned carbon nanotubes. <i>Nanoscale</i> , 2017, 9, 5222-5233.	2.8	33
10	Carbon-assisted catalyst pretreatment enables straightforward synthesis of high-density carbon nanotube forests. <i>Carbon</i> , 2019, 153, 196-205.	5.4	31
11	The carbon nanotube formation parameter space: data mining and mechanistic understanding for efficient resource use. <i>Green Chemistry</i> , 2017, 19, 3787-3800.	4.6	19
12	Atmospheric- and Low-Level Methane Abatement <i>via</i> an Earth-Abundant Catalyst. <i>ACS Environmental Au</i> , 2022, 2, 223-231.	3.3	15
13	Carbon Dioxide Promotes Dehydrogenation in the Equimolar C <sub>2</sub> H <sub>2</sub> + CO <sub>2</sub> Reaction to Synthesize Carbon Nanotubes. <i>Small</i> , 2018, 14, 1703482.	5.2	8
14	Oxygen-functionalized alkyne precursors in carbon nanotube growth. <i>MRS Bulletin</i> , 2021, 46, 471-480.	1.7	4