

# Wenbo Shi

## List of Publications by Year in descending order

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

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