Amy Gong

List of Publications by Year
in descending order

17 papers	5,553 citations	516561 16 h-index	940416 16 g-index
17 all docs	17 docs citations	17 times ranked	6104 citing authors

#	Article	IF	Citations
1	Strong and Superhydrophobic Wood with Aligned Cellulose Nanofibers as a Waterproof Structural Material^{â€}. Chinese Journal of Chemistry, 2020, 38, 823-829.	2.6	21
2	Holey three-dimensional wood-based electrode for vanadium flow batteries. Energy Storage Materials, 2020, 27, 327-332.	9.5	49
3	Nature-inspired salt resistant bimodal porous solar evaporator for efficient and stable water desalination. Energy and Environmental Science, 2019, 12, 1558-1567.	15.6	482
4	Anisotropic, lightweight, strong, and super thermally insulating nanowood with naturally aligned nanocellulose. Science Advances, 2018, 4, eaar3724.	4.7	336
5	Processing bulk natural wood into a high-performance structural material. Nature, 2018, 554, 224-228.	13.7	970
6	Highly Compressible, Anisotropic Aerogel with Aligned Cellulose Nanofibers. ACS Nano, 2018, 12, 140-147.	7.3	364
7	Hierarchically Porous, Ultrathick, â€œBreathableâ€•Woodâ€Derived Cathode for Lithiumâ€Oxygen Batteries. Advanced Energy Materials, 2018, 8, 1701203.	10.2	161
8	Woodâ€Based Nanotechnologies toward Sustainability. Advanced Materials, 2018, 30, 1703453.	11.1	359
9	Highâ€Performance Solar Steam Device with Layered Channels: Artificial Tree with a Reversed Design. Advanced Energy Materials, 2018, 8, 1701616.	10.2	255
10	Highly Flexible and Efficient Solar Steam Generation Device. Advanced Materials, 2017, 29, 1701756.	11.1	584
11	Treeâ€Inspired Design for Highâ€Efficiency Water Extraction. Advanced Materials, 2017, 29, 1704107.	11.1	494
12	A conductive wood membrane anode improves effluent quality of microbial fuel cells. Environmental Science: Water Research and Technology, 2017, 3, 940-946.	1.2	19
13	A solid state energy storage device with supercapacitorâ€“battery hybrid design. Journal of Materials Chemistry A, 2017, 5, 15266-15272.	5.2	31
14	Superflexible Wood. ACS Applied Materials & Interfaces, 2017, 9, 23520-23527.	4.0	141
15	Highly Anisotropic, Highly Transparent Wood Composites. Advanced Materials, 2016, 28, 5181-5187.	11.1	518
16	Flexible, solid-state, ion-conducting membrane with 3D garnet nanofiber networks for lithium batteries. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7094-7099.	3.3	769
17	Wood for Photonics, Batteries and Structural Materials. ECS Meeting Abstracts, 2016, , .	0.0	0