

# Ting Dong

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

646  
citations

566801

15  
h-index

839053

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g-index

18  
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18  
docs citations

18  
times ranked

490  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomass-derived oriented neurovascular network-like superhydrophobic aerogel as robust and recyclable oil droplets captor for versatile oil/water separation. <i>Journal of Hazardous Materials</i> , 2022, 424, 127393.	6.5	64
2	Biomass poplar catkin fiber-based superhydrophobic aerogel with tubular-lamellar interweaved neurons-like structure. <i>Journal of Hazardous Materials</i> , 2022, 429, 128290.	6.5	38
3	Highly Efficient and Sustainable PM Filtration Using Piezo Nanofibrous Membrane with Gradient Shrinking Porous Network. <i>Separation and Purification Technology</i> , 2022, 289, 120753.	3.9	23
4	Durable antibacterial cotton fabric imitating skin wet management with synchronous liquid gating and directional liquid transfer. <i>Industrial Crops and Products</i> , 2022, 184, 114994.	2.5	8
5	Concussive Capillary driven fast viscous oil-spills removal by superhydrophobic cruciate polyester fibers. <i>Journal of Hazardous Materials</i> , 2021, 417, 126133.	6.5	31
6	Multi-functional flame-retardant superhydrophobic ceramic fiber felt: Oil/Water mixture separation and oil mist interception. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 629, 127454.	2.3	7
7	A phase change material embedded composite consisting of kapok and hollow PET fibers for dynamic thermal comfort regulation. <i>Industrial Crops and Products</i> , 2020, 158, 112945.	2.5	17
8	Facile Fabrication of Marine Algae-Based Robust Superhydrophobic Sponges for Efficient Oil Removal from Water. <i>ACS Omega</i> , 2020, 5, 21745-21752.	1.6	17
9	Cyclic filtration behavior of structured cattail fiber assembly for oils removal from wastewater. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 1833-1840.	1.2	11
10	Oil Spill Cleanup by Hydrophobic Natural Fibers. <i>Journal of Natural Fibers</i> , 2017, 14, 727-735.	1.7	39
11	Superhydrophobic, Low-Hysteresis Patterning Chemistry for Water-Drop Manipulation. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 41126-41130.	4.0	20
12	Highly efficient and recyclable depth filtering system using structured kapok filters for oil removal and recovery from wastewater. <i>Journal of Hazardous Materials</i> , 2017, 321, 859-867.	6.5	56
13	Study on structure and wetting characteristic of cattail fibers as natural materials for oil sorption. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 3193-3199.	1.2	27
14	Highly porous oil sorbent based on hollow fibers as the interceptor for oil on static and running water. <i>Journal of Hazardous Materials</i> , 2016, 305, 1-7.	6.5	28
15	Sorption kinetics and mechanism of various oils into kapok assembly. <i>Marine Pollution Bulletin</i> , 2015, 91, 230-237.	2.3	44
16	Oil spill cleanup by structured natural sorbents made from cattail fibers. <i>Industrial Crops and Products</i> , 2015, 76, 25-33.	2.5	81
17	Adsorption and adhesiveness of kapok fiber to different oils. <i>Journal of Hazardous Materials</i> , 2015, 296, 101-111.	6.5	85
18	Theoretical and experimental study on the oil sorption behavior of kapok assemblies. <i>Industrial Crops and Products</i> , 2014, 61, 325-330.	2.5	50