

# Danke Chen

## List of Publications by Year in descending order

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19  
papers

765  
citations

516710

16  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

918  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical Porous SWCNT Stringed Carbon Polyhedrons and PSS Threaded MOF Bilayer Membrane for Efficient Solar Vapor Generation. <i>Small</i> , 2019, 15, e1900354.	10.0	89
2	Enhanced Gas Separation through Nanoconfined Ionic Liquid in Laminated MoS <sub>2</sub> Membrane. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 44251-44257.	8.0	77
3	Phase-Dependent Fluorescence Quenching Efficiency of MoS <sub>2</sub> Nanosheets and Their Applications in Multiplex Target Biosensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 42009-42017.	8.0	68
4	A photothermal and Fenton active MOF-based membrane for high-efficiency solar water evaporation and clean water production. <i>Journal of Materials Chemistry A</i> , 2020, 8, 22728-22735.	10.3	64
5	Hierarchical Mesoporous Metal-Organic Frameworks for Enhanced CO <sub>2</sub> Capture. <i>Chemistry - A European Journal</i> , 2015, 21, 15127-15132.	3.3	59
6	CO <sub>2</sub> -philic Separation Membrane: Deep Eutectic Solvent Filled Graphene Oxide Nanoslits. <i>Small</i> , 2019, 15, e1904145.	10.0	53
7	Efficiently cogenerating drinkable water and electricity from seawater via flexible MOF nanorod arrays. <i>Journal of Materials Chemistry A</i> , 2021, 9, 9048-9055.	10.3	52
8	Selectively tuning gas transport through ionic liquid filled graphene oxide nanoslits using an electric field. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15062-15067.	10.3	48
9	Electrical field facilitates selective transport of CO <sub>2</sub> through a laminated MoS <sub>2</sub> supported ionic liquid membrane. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10041-10046.	10.3	40
10	CO <sub>2</sub> -philic WS <sub>2</sub> laminated membranes with a nanoconfined ionic liquid. <i>Journal of Materials Chemistry A</i> , 2018, 6, 16566-16573.	10.3	39
11	Photothermal-Responsive Microporous Nanosheets Confined Ionic Liquid for Efficient CO <sub>2</sub> Separation. <i>Small</i> , 2020, 16, e2002699.	10.0	33
12	Zwitterion threaded metal-organic framework membranes for direct methanol fuel cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19547-19554.	10.3	32
13	Blue metal-organic framework encapsulated denatured R-phycoerythrin proteins for a white-light-emitting thin film. <i>Journal of Materials Chemistry C</i> , 2020, 8, 240-246.	5.5	28
14	Simultaneous Recovery of Metal Ions and Electricity Harvesting via K-Carrageenan@ZIF-8 Membrane. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 34039-34045.	8.0	23
15	Fe <sub>3</sub> Pt intermetallic nanoparticles anchored on N-doped mesoporous carbon for the highly efficient oxygen reduction reaction. <i>Chemical Communications</i> , 2020, 56, 4898-4901.	4.1	17
16	Dual emission from nanoconfined R-phycoerythrin fluorescent proteins for white light emission diodes. <i>RSC Advances</i> , 2019, 9, 9777-9782.	3.6	16
17	R-phycoerythrin proteins@ZIF-8 composite thin films for mercury ion detection. <i>Analyst</i> , The, 2019, 144, 3892-3897.	3.5	11
18	Rational design of a Fe/S/N/C catalyst from ZIF-8 for efficient oxygen reduction reaction. <i>Nanotechnology</i> , 2020, 31, 475404.	2.6	9

#	ARTICLE	IF	CITATIONS
19	Highly conductive and transparent metal-organic frameworks thin film. Science China Materials, 2019, 62, 1350-1356.	6.3	7