

# Aihu Feng

## List of Publications by Year in descending order

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20  
papers

950  
citations

687363

13  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1217  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-dimensional MXene Ti <sub>3</sub> C <sub>2</sub> produced by exfoliation of Ti <sub>3</sub> AlC <sub>2</sub> . <i>Materials and Design</i> , 2017, 114, 161-166.	7.0	351
2	Fabrication and thermal stability of NH <sub>4</sub> HF <sub>2</sub> -etched Ti <sub>3</sub> C <sub>2</sub> MXene. <i>Ceramics International</i> , 2017, 43, 6322-6328.	4.8	208
3	MXene as a Cation-Selective Cathode Material for Asymmetric Capacitive Deionization. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 13750-13758.	8.0	89
4	Comparative study on electrosorptive behavior of NH <sub>4</sub> HF <sub>2</sub> -etched Ti <sub>3</sub> C <sub>2</sub> and HF-etched Ti <sub>3</sub> C <sub>2</sub> for capacitive deionization. <i>Ionics</i> , 2019, 25, 727-735.	2.4	48
5	Synthesis and characterization of hierarchical Y zeolites using NH <sub>4</sub> HF <sub>2</sub> as dealumination agent. <i>Microporous and Mesoporous Materials</i> , 2019, 280, 211-218.	4.4	39
6	Structural, textural and toluene adsorption properties of NH <sub>4</sub> HF <sub>2</sub> and alkali modified USY zeolite. <i>Microporous and Mesoporous Materials</i> , 2019, 290, 109646.	4.4	34
7	p-Phenylenediamine strengthened graphene oxide for the fabrication of superhydrophobic surface. <i>Materials and Design</i> , 2017, 127, 22-29.	7.0	30
8	A novel synthesis route of graphene via microwave assisted intercalation-exfoliation of graphite. <i>Materials Letters</i> , 2017, 200, 39-42.	2.6	28
9	Subsize Ti <sub>3</sub> C <sub>2</sub> T derived from molten-salt synthesized Ti <sub>3</sub> AlC <sub>2</sub> for enhanced capacitive deionization. <i>Ceramics International</i> , 2021, 47, 3665-3670.	4.8	25
10	Development of intracrystalline mesoporosity in NH <sub>4</sub> HF <sub>2</sub> -etched NaY zeolites by surfactant-templating and its effect on toluene adsorption. <i>Chemical Engineering Journal</i> , 2020, 390, 124529.	12.7	20
11	Bio-composite nanoarchitectonics for graphene tofu as useful source material for capacitive deionization. <i>Desalination</i> , 2022, 526, 115461.	8.2	17
12	Optical properties and radiation stability of SiO <sub>2</sub> /ZnO composite pigment prepared by co-sintering method. <i>Ceramics International</i> , 2022, 48, 754-759.	4.8	15
13	Recent Progress in the Removal of Volatile Organic Compounds by Zeolite and Its Supported Catalysts. <i>Acta Chimica Sinica</i> , 2018, 76, 757.	1.4	13
14	Synthesis and VOCs adsorption performance of surfactant-templated USY zeolites with controllable mesopores. <i>Chemical Physics Letters</i> , 2022, 798, 139578.	2.6	12
15	Effects of ammonia on graphene preparation via microwave assisted intercalation exfoliation method. <i>Ceramics International</i> , 2018, 44, 12763-12766.	4.8	10
16	High-performance capacitive deionization using 3D porous Ti <sub>3</sub> C <sub>2</sub> T with improved conductivity. <i>Journal of Electroanalytical Chemistry</i> , 2021, 895, 115515.	3.8	9
17	The structural evolution of 3D-RGO with reduction temperature and its effect on capacitive deionization performance. <i>Environmental Science: Water Research and Technology</i> , 2022, 8, 870-880.	2.4	2
18	Research Progress of Graphene and Its Composites as Electrodes for Capacitive Deionization. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2016, 31, 123.	1.3	0

#	ARTICLE	IF	CITATIONS
19	Anatase TiO <sub>2</sub> Nanoparticles: Facile Synthesis via Non-aqueous Precipitation and Photocatalytic Property. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2018, 33, 1136.	1.3	0
20	Nafion Modified Graphene Aerogel with Hierarchical Porous Structures. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2018, 33, 469.	1.3	0