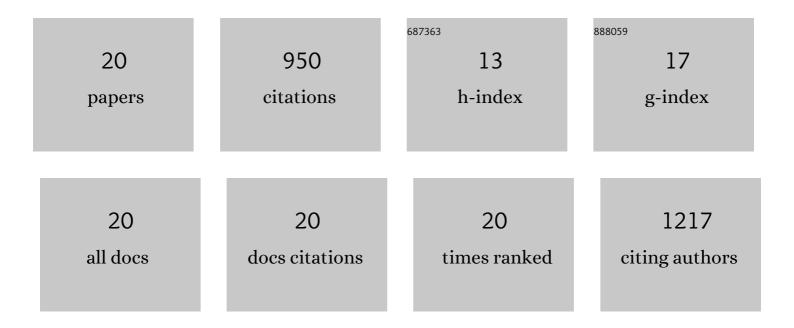
Aihu Feng

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Two-dimensional MXene Ti3C2 produced by exfoliation of Ti3AlC2. Materials and Design, 2017, 114, 161-166.	7.0	351
2	Fabrication and thermal stability of NH 4 HF 2 -etched Ti 3 C 2 MXene. Ceramics International, 2017, 43, 6322-6328.	4.8	208
3	MXene as a Cation-Selective Cathode Material for Asymmetric Capacitive Deionization. ACS Applied Materials & amp; Interfaces, 2020, 12, 13750-13758.	8.0	89
4	Comparative study on electrosorptive behavior of NH4HF2-etched Ti3C2 and HF-etched Ti3C2 for capacitive deionization. Ionics, 2019, 25, 727-735.	2.4	48
5	Synthesis and characterization of hierarchical Y zeolites using NH4HF2 as dealumination agent. Microporous and Mesoporous Materials, 2019, 280, 211-218.	4.4	39
6	Structural, textural and toluene adsorption properties of NH4HF2 and alkali modified USY zeolite. Microporous and Mesoporous Materials, 2019, 290, 109646.	4.4	34
7	p -Phenylenediamine strengthened graphene oxide for the fabrication of superhydrophobic surface. Materials and Design, 2017, 127, 22-29.	7.0	30
8	A novel synthesis route of graphene via microwave assisted intercalation-exfoliation of graphite. Materials Letters, 2017, 200, 39-42.	2.6	28
9	Subsize Ti3C2T derived from molten-salt synthesized Ti3AlC2 for enhanced capacitive deionization. Ceramics International, 2021, 47, 3665-3670.	4.8	25
10	Development of intracrystalline mesoporosity in NH4HF2-etched NaY zeolites by surfactant-templating and its effect on toluene adsorption. Chemical Engineering Journal, 2020, 390, 124529.	12.7	20
11	Bio-composite nanoarchitectonics for graphene tofu as useful source material for capacitive deionization. Desalination, 2022, 526, 115461.	8.2	17
12	Optical properties and radiation stability of SiO2/ZnO composite pigment prepared by co-sintering method. Ceramics International, 2022, 48, 754-759.	4.8	15
13	Recent Progress in the Removal of Volatile Organic Compounds by Zeolite and Its Supported Catalysts. Acta Chimica Sinica, 2018, 76, 757.	1.4	13
14	Synthesis and VOCs adsorption performance of surfactant-templated USY zeolites with controllable mesopores. Chemical Physics Letters, 2022, 798, 139578.	2.6	12
15	Effects of ammonia on graphene preparation via microwave assisted intercalation exfoliation method. Ceramics International, 2018, 44, 12763-12766.	4.8	10
16	High-performance capacitive deionization using 3D porous Ti3C2T with improved conductivity. Journal of Electroanalytical Chemistry, 2021, 895, 115515.	3.8	9
17	The structural evolution of 3D-RGO with reduction temperature and its effect on capacitive deionization performance. Environmental Science: Water Research and Technology, 2022, 8, 870-880.	2.4	2
18	Research Progress of Graphene and Its Composites as Electrodes for Capacitive Deionization. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2016, 31, 123.	1.3	0

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