

Simge Uzun

List of Publications by Year in descending order

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17
papers

2,896
citations

516561

16
h-index

887953

17
g-index

17
all docs

17
docs citations

17
times ranked

2747
citing authors

#	ARTICLE	IF	CITATIONS
1	Scalable Manufacturing of Free- <i>Standing</i> , Strong Ti_3C_2Tx MXene Films with Outstanding Conductivity. <i>Advanced Materials</i> , 2020, 32, e2001093.	11.1	613
2	Scalable Synthesis of Ti_3C_2Tx MXene. <i>Advanced Engineering Materials</i> , 2020, 22, 1901241.	1.6	468
3	MXene Composite and Coaxial Fibers with High Stretchability and Conductivity for Wearable Strain Sensing Textiles. <i>Advanced Functional Materials</i> , 2020, 30, 1910504.	7.8	308
4	Selective Etching of Silicon from Ti_3SiC_2 (MAX) To Obtain 2D Titanium Carbide (MXene). <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5444-5448.	7.2	299
5	Knittable and Washable Multifunctional MXene-Coated Cellulose Yarns. <i>Advanced Functional Materials</i> , 2019, 29, 1905015.	7.8	239
6	Additive-Free MXene Liquid Crystals and Fibers. <i>ACS Central Science</i> , 2020, 6, 254-265.	5.3	182
7	Hydrophobic and Stable MXene-Polymer Pressure Sensors for Wearable Electronics. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 15362-15369.	4.0	161
8	Selective Etching of Silicon from Ti_3SiC_2 (MAX) To Obtain 2D Titanium Carbide (MXene). <i>Angewandte Chemie</i> , 2018, 130, 5542-5546.	1.6	127
9	3D knitted energy storage textiles using MXene-coated yarns. <i>Materials Today</i> , 2020, 34, 17-29.	8.3	103
10	Safe Synthesis of MAX and MXene: Guidelines to Reduce Risk During Synthesis. <i>Journal of Chemical Health and Safety</i> , 2021, 28, 326-338.	1.1	102
11	Highly conductive and scalable $Ti_3C_2T_x$ -coated fabrics for efficient electromagnetic interference shielding. <i>Carbon</i> , 2021, 174, 382-389.	5.4	84
12	Additive-Free Aqueous MXene Inks for Thermal Inkjet Printing on Textiles. <i>Small</i> , 2021, 17, .	5.2	61
13	Mapping (Pseudo)Capacitive Charge Storage Dynamics in Titanium Carbide MXene Electrodes in Aqueous Electrolytes Using 3D Bode Analysis. <i>Energy Storage Materials</i> , 2021, 39, 347-353.	9.5	44
14	Rational Design of Titanium Carbide MXene Electrode Architectures for Hybrid Capacitive Deionization. <i>Energy and Environmental Materials</i> , 2020, 3, 398-404.	7.3	42
15	Percolation Characteristics of Conductive Additives for Capacitive Flowable (Semi-Solid) Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 5866-5875.	4.0	38
16	Two-Dimensional MXene Modified Electrodes for Improved Anodic Performance in Vanadium Redox Flow Batteries. <i>Journal of the Electrochemical Society</i> , 2021, 168, 090518.	1.3	16
17	MXene Films: Scalable Manufacturing of Free- <i>Standing</i> , Strong Ti_3C_2Tx MXene Films with Outstanding Conductivity (Adv.) Tj ETQq1110.784314 rgBT		