Bilen Akuzum

List of Publications by Year
in descending order

14 papers	1,443 citations	759233 12 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	2140 citing authors

#	Article	IF	Citations
1	All-MXene (2D titanium carbide) solid-state microsupercapacitors for on-chip energy storage. Energy and Environmental Science, 2016, 9, 2847-2854.	30.8	551
2	Rheological Characteristics of 2D Titanium Carbide (MXene) Dispersions: A Guide for Processing MXenes. ACS Nano, 2018, 12, 2685-2694.	14.6	288
3	Additive-Free MXene Liquid Crystals and Fibers. ACS Central Science, 2020, 6, 254-265.	11.3	182
4	Enhancing Mass Transport in Redox Flow Batteries by Tailoring Flow Field and Electrode Design. Journal of the Electrochemical Society, 2016, 163, A5163-A5169.	2.9	142
5	Influence of operating conditions on the desalination performance of a symmetric pre-conditioned Ti3C2T -MXene membrane capacitive deionization system. Desalination, 2020, 477, 114267.	8.2	71
6	Percolation Characteristics of Conductive Additives for Capacitive Flowable (Semi-Solid) Electrodes. ACS Applied Materials & Interfaces, 2020, 12, 5866-5875.	8.0	38
7	Obstructed flow field designs for improved performance in vanadium redox flow batteries. Journal of Applied Electrochemistry, 2019, 49, 551-561.	2.9	37
8	Influence of operating conditions and cathode parameters on desalination performance of hybrid CDI systems. Desalination, 2019, 452, 1-8.	8.2	36
9	Effects of particle dispersion and slurry preparation protocol on electrochemical performance of capacitive flowable electrodes. Journal of Applied Electrochemistry, 2017, 47, 369-380.	2.9	30
10	Influence of thermal treatment conditions on capacitive deionization performance and charge efficiency of carbon electrodes. Separation and Purification Technology, 2018, 202, 67-75.	7.9	21
11	Two-Dimensional MXene Modified Electrodes for Improved Anodic Performance in Vanadium Redox Flow Batteries. Journal of the Electrochemical Society, 2021, 168, 090518.	2.9	16
12	Reticulated Carbon Electrodes for Improved Charge Transport in Electrochemical Flow Capacitors. Journal of the Electrochemical Society, 2018, 165, A2519-A2527.	2.9	14
13	Impact of flow configuration on electrosorption performance and energy consumption of CDI systems. Journal of Water Supply: Research and Technology - AQUA, 2020, 69, 134-144.	1.4	12
14	MXene-based suspension electrode with improved energy density for electrochemical flow capacitors. Journal of Power Sources, 2021, 506, 230187.	7.8	5