

Bilen Akuzum

List of Publications by Year in descending order

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14
papers

1,443
citations

759233

12
h-index

1058476

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docs citations

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times ranked

2140
citing authors

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