

# Ã-znil Budak

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	MXene/Activated-Carbon Hybrid Capacitive Deionization for Permselective Ion Removal at Low and High Salinity. ACS Applied Materials & Interfaces, 2020, 12, 26013-26025.	4.0	91
2	Ionic liquid-based synthesis of MXene. Chemical Communications, 2020, 56, 11082-11085.	2.2	87
3	Choosing the right carbon additive is of vital importance for high-performance Sb-based Na-ion batteries. Journal of Materials Chemistry A, 2020, 8, 6092-6104.	5.2	35
4	High-performance ion removal via zinc-air desalination. Electrochemistry Communications, 2020, 115, 106713.	2.3	30
5	Carbide-Derived Niobium Pentoxide with Enhanced Charge Storage Capacity for Use as a Lithium-Ion Battery Electrode. ACS Applied Energy Materials, 2020, 3, 4275-4285.	2.5	22
6	In Situ Tracking of Partial Sodium Desolvation of Materials with Capacitive, Pseudocapacitive, and Battery-like Charge/Discharge Behavior in Aqueous Electrolytes. Langmuir, 2018, 34, 13132-13143.	1.6	20
7	Electrospun vanadium sulfide / carbon hybrid fibers obtained via one-step thermal sulfidation for use as lithium-ion battery electrodes. Journal of Power Sources, 2020, 450, 227674.	4.0	19
8	Comparison of organic electrolytes at various temperatures for 2.8V Li-ion hybrid supercapacitors. Electrochimica Acta, 2020, 337, 135760.	2.6	15
9	Titanium Niobium Oxide $Ti_{2}Nb_{10}O_{29}$ /Carbon Hybrid Electrodes Derived by Mechanochemically Synthesized Carbide for High-Performance Lithium-Ion Batteries. ChemSusChem, 2021, 14, 398-407.	3.6	15
10	Understanding Interlayer Deprotonation of Hydrogen Titanium Oxide for High-Power Electrochemical Energy Storage. ACS Applied Energy Materials, 2019, 2, 3633-3641.	2.5	13
11	Antimony alloying electrode for high-performance sodium removal: how to use a battery material not stable in aqueous media for saline water remediation. Journal of Materials Chemistry A, 2021, 9, 585-596.	5.2	11
12	Vanadium (III) Oxide/Carbon Core/Shell Hybrids as an Anode for Lithium-Ion Batteries. Batteries and Supercaps, 2019, 2, 74-82.	2.4	10
13	Hybrid Anodes of Lithium Titanium Oxide and Carbon Onions for Lithium-Ion and Sodium-Ion Energy Storage. Energy Technology, 2020, 8, 2000679.	1.8	3