

Mohammed Ahmed Zabara

List of Publications by Year in descending order

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8
papers

107
citations

1478505

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1720034

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all docs

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docs citations

8
times ranked

41
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of the Kramersâ€“Kronig Relations to Multi-Sine Electrochemical Impedance Measurements. Journal of the Electrochemical Society, 2020, 167, 020515.	2.9	28
2	Linear and Nonlinear Electrochemical Impedance Spectroscopy Studies of Li/SOCl ₂ Batteries. Journal of the Electrochemical Society, 2019, 166, A811-A820.	2.9	23
3	Operando Investigations of the Interfacial Electrochemical Kinetics of Metallic Lithium Anodes via Temperature-Dependent Electrochemical Impedance Spectroscopy. Journal of Physical Chemistry C, 2022, 126, 10968-10976.	3.1	17
4	Electrochemical Impedance Spectroscopy based voltage modeling of lithium Thionyl Chloride (Liâ€“SOCl ₂) primary battery at arbitrary discharge. Electrochimica Acta, 2020, 334, 135584.	5.2	13
5	Characterization of Different Electrolyte Composition Lithium Thionyl Chloride Reserve Battery by Electrochemical Impedance Spectroscopy. Journal of the Electrochemical Society, 2021, 168, 050529.	2.9	13
6	Performance modeling of unmanaged hybrid battery/supercapacitor energy storage systems. Journal of Energy Storage, 2021, 43, 103185.	8.1	7
7	Methodsâ€“Unexpected Effects in Galvanostatic EIS of Randlesâ€“Cells: Initial Transients and Harmonics Generated. Journal of the Electrochemical Society, 2022, 169, 030527.	2.9	6
8	Performance Modeling of Hybrid Battery/Supercapacitor Energy Storage Systems Under Charge-Discharge Regimes. ECS Meeting Abstracts, 2020, MA2020-01, 8-8.	0.0	0