

# Mohammed Ahmed Zabara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4404537/publications.pdf>

Version: 2024-02-01

8  
papers

107  
citations

1478505

6  
h-index

1720034

7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

41  
citing authors

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