

2026 Bimonthly Most Downloaded Papers

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Month	Title	Authors	Volume, Number, pages, year	DOI	Counts
JAN FEB	Advances of Perovskite Solar Cells: Interface Engineering to Achieve High Photovoltage Performance	Tsutomu MIYASAKA, Sota AMAMIYA, Nao SAITO, and Masashi Ikegami	93(9),094002(2025)	https://doi.org/10.5796/electrochemistry.25-72102	1270
	Current Status and Trends of Automotive Lithium-ion Batteries	Makoto UE	93(6),062002(2025)	https://doi.org/10.5796/electrochemistry.25-71009	816
	Development and Demonstration of Large-scale Alkaline Water Electrolysis System “Aqualyzer”	Yasuhiro FUJITA, Yousuke UCHINO, Jun OHNO, Keita SUZUKI, and Sanghoon KIM	93(11),117007(2025)	https://doi.org/10.5796/electrochemistry.25-00129	769
MAR APR	Redox Materials for Electrochemical Capacitors	Masanobu CHIKU, Mozaffar ABDOLLAHIFAR, Thierry BROUSSE, George Z. CHEN, Olivier CROSNIER, Bruce DUNN, Krzysztof FIC, Chi-Chang HU, Paweł JEŻOWSKI, Adam MAĆKOWIAK, Katsuhiko NAOI, Nobuhiro OGIHARA, Naohisa OKITA, Masashi OKUBO, Wataru SUGIMOTO, and Nae-Lih WU	92(7),074002(2024)	https://doi.org/10.5796/electrochemistry.24-70054	1555
	Electrochemical Impedance Analysis of Lithium Insertion Electrodes Using Symmetric Cells	Kingo ARIYOSHI	92(3),037007(2024)	https://doi.org/10.5796/electrochemistry.24-00013	1075
	Distribution of Relaxation Times Analysis for Electrochemical Impedance Spectroscopy in Proton Exchange Membrane Electrolysis Cells	Hirofumi SUMI, Mizuki MOMAI, Masaya FUJIOKA, Yuki YAMAGUCHI, and Takayuki HIRANO	94(2),027008(2026)	https://doi.org/10.5796/electrochemistry.25-00155	939
MAY JUN	Relation between Mixing Processes and Properties of Lithium-ion Battery Electrode-slurry	Mitsuhiro TAKENO, Seiji KATAKURA, Kohei MIYAZAKI, Takeshi ABE, and Tomokazu FUKUTSUKA	89(6),585-589(2021)	https://doi.org/10.5796/electrochemistry.21-00076	875
	Simultaneous Estimation of State of Health and Remaining Useful Life for Lithium-ion Batteries Using a Transfer-Learning-Based Fusion Model	Bingyao ZHANG, Huimin MA, Qiaozhen JI, Hongliang HAO, Zijie FEI, Jiayi JIN, Qiangqiang LIAO, and Fei WANG	94(2),027002(2026)	https://doi.org/10.5796/electrochemistry.25-00143	837
	Emerging Molten Salts Based Electrochemical Energy Technologies	Yu YU, Yuhan ZHANG, Han WANG, and George Z. CHEN	92(4),043003(2024)	https://doi.org/10.5796/electrochemistry.24-69009	704