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**
JUL AUG	Sodium-Ion Conducting Solid Electrolytes in the Na_2S–In_2S_3 System	Kota MOTOHASHI, Akira NASU, Takuya KIMURA, Chie HOTEHAMA, Atsushi SAKUDA, Masahiro TATSUMISAGO, and Akitoshi HAYASHI	**90(6)**,067009(2022)	https://doi.org/10.5796/electrochemistry.22-00037	**1260**
	Impact of Surface Coating on the Low Temperature Performance of a Sulfide-Based All-Solid-State Battery Cathode	Yusuke MORINO	**90(2)**,027001(2022)	https://doi.org/10.5796/electrochemistry.21-00126	**742**
	Blending Lithium Nickel Manganese Cobalt Oxide with Lithium Iron Manganese Phosphate as Cathode Materials for Lithium-ion Batteries with Enhanced Electrochemical Performance	Mayu SHIOZAKI, Hiroki YAMASHITA, Yuko HIRAYAMA, Takaaki OGAMI, and Kiyoshi KANAMURA	**91(7)**,077007(2023)	https://doi.org/10.5796/electrochemistry.23-00033	**712**