

2024 Annually Most Downloaded Papers

Editorial Board of *Electrochemistry*
The Electrochemical Society of Japan

Ranking	Title	Authors	Volume, Number, pages, year	DOI	Counts
1	Cyclic Voltammetry Part 1: Fundamentals	Hirohisa YAMADA, Kazuki YOSHII, Masafumi ASahi, Masanobu CHIKU, and Yuki KITAZUMI	90(10) ,102005(2022)	https://doi.org/10.5796/electrochemist.ry.22-66082	14295
2	Electrochemical Impedance Spectroscopy Part 1: Fundamentals	Kingo ARIYOSHI, Zyun SIROMA, Atsushi MINESHIGE, Mitsuhiro TAKENO, Tomokazu FUKUTSUKA, Takeshi ABE, and Satoshi UCHIDA	90(10) ,102007(2022)	https://doi.org/10.5796/electrochemist.ry.22-66071	5725
3	Electrical Conductivity Measurement of Electrolyte Solution	Minoru MIZUHATA	90(10) ,102011(2022)	https://doi.org/10.5796/electrochemist.ry.22-66111	4920
4	Cyclic Voltammetry Part 2: Surface Adsorption, Electric Double Layer, and Diffusion Layer	Hirohisa YAMADA, Kazuki YOSHII, Masafumi ASahi, Masanobu CHIKU, and Yuki KITAZUMI	90(10) ,102006(2022)	https://doi.org/10.5796/electrochemist.ry.22-66084	4255
5	Electrochemical Impedance Spectroscopy Part 2: Applications	Kingo ARIYOSHI, Atsushi MINESHIGE, Mitsuhiro TAKENO, Tomokazu FUKUTSUKA, Takeshi ABE, Satoshi UCHIDA, and Zyun SIROMA	90(10) ,102008(2022)	https://doi.org/10.5796/electrochemist.ry.22-66080	3190
6	Electrochemical Polarization Part 1: Fundamentals and Corrosion	Kentaro KURATANI, Kazuhiro FUKAMI, Hiroaki TSUCHIYA, Hiroyuki USUI, Masanobu CHIKU, and Shin-ichi YAMAZAKI	90(10) ,102003(2022)	https://doi.org/10.5796/electrochemist.ry.22-66085	2930
7	Electrode Potentials Part 1: Fundamentals and Aqueous Systems	Kazuhiko MATSUMOTO, Kohei MIYAZAKI, Jinkwang HWANG, Takayuki YAMAMOTO, and Atsushi SAKUDA	90(10) ,102001(2022)	https://doi.org/10.5796/electrochemist.ry.22-66075	2584
8	Electrochemical Impedance and Complex Capacitance to Interpret Electrochemical Capacitor	Masayuki ITAGAKI, Satoshi SUZUKI, Isao SHITANDA, and Kunihiro WATANABE	75(8) ,649-655(2007)	https://doi.org/10.5796/electrochemist.ry.75.649	1864
9	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/electrochemist.ry.23-00033	1614
10	Study on Prediction Model of Performance and Degradation of LFP/Graphite Lithium-ion Battery (LFP/Graphiteリチウムイオン電池の性能および劣化の予測モデルに関する研究)	Tsutomu HASHIMOTO, Hirokazu MUNAKATA, and Kiyoshi KANAMURA (橋本 勉, 棟方 裕一, 金村 聖志)	89(3) ,303-312(2021)	https://doi.org/10.5796/electrochemist.ry.20-00140	1587