

2022 Bimonthly Most Downloaded Papers

Editorial Board of *Electrochemistry*
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JAN FEB	Development of Oxygen Sensing System by T-T Absorption at Stationary State of Quenching	Kara MOCHIZUKI, Noriyuki ASAKURA, Toshiaki KAMACHI, Ichiro OKURA	70(6), 416-417(2002)	https://doi.org/10.5796/electrochemistry.70.416	367
	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	349
	Electrochemical Impedance and Complex Capacitance to Interpret Electrochemical Capacitor	Masayuki ITAGAKI, Satoshi SUZUKI, Isao SHITANDA, Kunihiro WATANABE	75(8), 649-655(2007)	https://doi.org/10.5796/electrochemistry.75.649	251
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MAY JUN	SnS ₂ Urchins as Anode Material for Lithium-ion Battery	Xiaoxue ZHANG, Yunfeng ZHAN, Fangyan XIE, Weihong ZHANG, Jian CHEN, Weiguang XIE, Wenjie MAI, Hui MENG	84(6), 420-426(2016)	https://doi.org/10.5796/electrochemistry.84.420	446
	Effect of Sn Addition on the Anode Properties of SiO _x for Lithium-Ion Batteries	Tomoki HIRONO, Hiroyuki USUI, Yasuhiro DOMI, Takahiro NISHIDA, Wataru IRIE, Toshiyuki SAWADA, Hiroki SAKAGUCHI	90(6), 067001(2022)	https://doi.org/10.5796/electrochemistry.22-00038	426
	Property, Electronic and Crystal Structures, Thermodynamic Stability, and Cathode Performance of Li _x (Mn, Co, Ni, M)O ₂ (M=Al, Ti, Fe) as a Cathode Active Material for Li Secondary Battery (リチウム二次電池正極活物質 Li _x (Mn, Co, Ni, M)O ₂ (M=Al, Ti, Fe) の物性, 結晶・電子構造, 熱力学的安定性と電池特性)	Yasushi IDEMOTO, Takaaki MATSUI (井手本 康, 松井 貴昭)	75(10), 791-799(2007)	https://doi.org/10.5796/electrochemistry.75.791	258
JUL AUG	Predictive Zeta Potential Measurement Method Applicable to Nonaqueous Solvents in High-concentration Dispersion Systems for the System of LiClO ₄ ⁻ Propylene Carbonate Solution and LiCoO ₂ Powder Sheet	Yoshimasa SUZUKI and Minoru MIZUHATA	90(10), 103001(2022)	https://doi.org/10.5796/electrochemistry.22-66050	434
	Reciprocal Sum Expression for Steady-state Kinetics —Enzyme Reactions and Voltammetry—	Yuko YOKOYAMA, Masahiro YAMAMOTO, Kohei MIYAZAKI, Takeshi ABE, and Kenji KANO	90(10), 103002(2022)	https://doi.org/10.5796/electrochemistry.22-66044	390
	One-Step Electrodeposition of Chiral Plasmonic Gold Nanostructures for Enantioselective Sensing	Igsoon GU, Takuya ISHIDA, and Tetsu TATSUMA	90(7), 077006(2022)	https://doi.org/10.5796/electrochemistry.22-00046	204
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	Poly(vinylidene fluoride-hexafluoropropylene)-Based Gel Electrolytes for Lithium Ion Secondary Batteries (PVdF-HFPをベースとしたゲル電解質およびリチウムイオン二次電池への適用)	Xingjiang LIU, Yoshitsugu SONE, and Saburo KUWAJIMA (劉 興江, 曾根 理嗣, 桑島 三郎)	69(1), 21-26(2001)	https://doi.org/10.5796/electrochemistry.69.21	197
	Oxygen Reduction Activity and Interfacial Structures of La _{0.8} Sr _{0.2} CoO ₃ at Initial Electrochemical Process in an Alkaline Solution	Akira MATSUZAKI, Masaaki HIRAYAMA, Shouya OHGUCHI, Mamoru KOMO, Atsunori IKEZAWA, Kota SUZUKI, Kazuhisa TAMURA, Hajime ARAI, and Ryoji KANNO	90(10), 107001(2022)	https://doi.org/10.5796/electrochemistry.22-00079	186
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	Cyclic Voltammetry Part 1: Fundamentals	Hirohisa YAMADA, Kazuki YOSHII, Masafumi ASahi, Masanobu CHIKU, Yuki KITAZUMI	90(10), 102005(2022)	https://doi.org/10.5796/electrochemistry.22-66082	478
	Electrochemical Impedance Spectroscopy Part 1: Fundamentals	Kingo ARIYOSHI, Zyun SIROMA, Atsushi MIINESHIGE, Mitsuhiro TAKENO, Tomokazu FUKUTSUKA, Takeshi ABE, Satoshi UCHIDA	90(10), 102007(2022)	https://doi.org/10.5796/electrochemistry.22-66071	395