

2022 Annually Most Cited Papers

Editorial Board of *Electrochemistry*
The Electrochemical Society of Japan

Ranking	Title	Authors	Volume, Number, Pages, Year	DOI	Counts
1	Glass Electrolytes with High Ion Conductivity and High Chemical Stability in the System LiI-Li ₂ O-Li ₂ S-P ₂ S ₅	Takamasa OHTOMO, Akitoshi HAYASHI, Masahiro TATSUMISAGO, Koji KAWAMOTO	81(6),428-431(2013)	https://doi.org/10.5796/electrochemistry.81.428	10
2	Thermoelectromotive Force of Some Redox Couples in an Amide-type Room-temperature Ionic Liquid	Tsubasa MIGITA, Naoki TACHIKAWA, Yasushi KATAYAMA, Takashi MIURA	77(8),639-641(2009)	https://doi.org/10.5796/electrochemistry.77.639	8
3	Physical and electrochemical properties of room temperature ionic liquids based on quaternary phosphonium cations	Katsuhiko TSUNASHIMA, Masashi SUGIYA	75(9),734-736(2007)	https://doi.org/10.5796/electrochemistry.75.734	7
3	Interfacial Reactions of Lithium-ion Batteries	Zempachi OGUMI	78(5),319-324(2010)	https://doi.org/10.5796/electrochemistry.78.319	7
3	Electrochemistry and Solid-State Chemistry of Layered Oxides for Li-, Na-, and K on Batteries	Kei KUBOTA	88(6),507-514(2020)	https://doi.org/10.5796/electrochemistry.20-00092	7
6	Bulk-Type Lithium Metal Secondary Battery with Indium Thin Layer at Interface between Li Electrode and Li ₂ S-P ₂ S ₅ Solid Electrolyte	Motohiro NAGAO, Akitoshi HAYASHI, Masahiro TATSUMISAGO	80(10),734-736(2012)	https://doi.org/10.5796/electrochemistry.80.734	6
6	Long-cycle-life Lithium-sulfur Batteries with Lithium Solvate Ionic Liquids	Shiro SEKI, Nobuyuki SERIZAWA, Katsuhito TAKEI, Yasuhiro UMEBAYASHI, Seiji TSUZUKI, Masayoshi WATANABE	85(10),680-682(2017)	https://doi.org/10.5796/electrochemistry.85.680	6
6	Li Pre-doping of Amorphous Silicon Electrode in Li-Naphthalene Complex Solutions	Shuhei YOSHIDA, Yuta MASUO, Daisuke SHIBATA, Masakazu HARUTA, Takayuki DOI, Minoru INABA	83(10),843-845(2015)	https://doi.org/10.5796/electrochemistry.83.843	6
6	Potassiation and Depotassiation Properties of Sn ₄ P ₃ Electrode in an Ionic-Liquid Electrolyte	Yasuhiro DOMI, Hiroyuki USUI, Eisuke NAKABAYASHI, Takayuki YAMAMOTO, Toshiyuki NOHIRA, Hiroki SAKAGUCHI	87(6),333-335(2019)	https://doi.org/10.5796/electrochemistry.19-00052	6
6	Electropolishing and Mirror-like Preparation of Titanium in Choline Chloride-Ethylene Glycol Mixture Liquid	Wrya O. KARIM, Jamil A. JUMA, Khalid M. OMER, Yousif M. SALIH, Kosar H. HAMA AZIZ, Shujahadeen B. AZIZ	88(5),447-450(2020)	https://doi.org/10.5796/electrochemistry.20-00038	6
6	Mechanistic Insights into Indigo Reduction in Indigo Fermentation: A Voltammetric Study	Kasumi NAKAGAWA, Michiki TAKEUCHI, Mayu KIKUCHI, Suzuna KIYOFUJI, Masami KUGO, Takaiku SAKAMOTO, Kenji KANO, Jun OGAWA, Eiji SAKURADANI	89(1),25-30(2021)	https://doi.org/10.5796/electrochemistry.20-00123	6
6	Exploring Factors Limiting Three-Na ⁺ Extraction from Na ₃ V ₂ (PO ₄) ₃	Yuji ISHADO, Atsushi INOISHI, Shigeto OKADA	88(5),457-462(2020)	https://doi.org/10.5796/electrochemistry.20-00080	6
6	Conductivity of LiClO ₄ /PC-DME Solution Impregnated in LiCoO ₂ Powder	Yoshimasa SUZUKI, Hideshi MAKI, Masaki MATSUI, Minoru MIZUHATA	87(5),294-296(2019)	https://doi.org/10.5796/electrochemistry.19-00044	6