2021 Annually Most Cited Papers

Editorial Board of *Electrochemistry*
The Electrochemical Society of Japan

Ranking	Title	Authors	Volume, Number, pages, year	DOI	Counts
1	Three-Dimensional Spatial Distributions of Pt Catalyst Nanoparticles on Carbon Substrates in Polymer Electrolyte Fuel Cells	Toshihiko ITO, Ukyo MATSUWAKI, Yuji OTSUKA, Masahiro HATTA, Katsuichiro HAYAKAWA, Koichi MATSUTANI, Tomoyuki TADA, and Hiroshi JINNAI	**79(5)**,374-376(2011)	https://doi.org/10.5796/electrochemistry.79.374	10
2	Electrochemical Reduction of Carbon Dioxide to Formate on Palladium-Copper Alloy Nanoparticulate Electrode	Toshihiro TAKASHIMA, Tomohiro SUZUKI, and Hiroshi IRIE	**87(2)**,134-138(2019)	https://doi.org/10.5796/electrochemistry.18-00086	9
3	In-operando FTIR Spectroscopy for Composite Electrodes of Lithium-ion Batteries	Masaki MATSUI, Shotaro DEGUCHI, Hiroko KUWATA, and Nobuyuki IMANISHI	**83(10)**,874-878(2015)	https://doi.org/10.5796/electrochemistry.83.874	8
3	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, and Shujahadeen B. AZIZ	**88(5)**,447-450(2020)	https://doi.org/10.5796/electrochemistry.20-00038	8
5	Multiple doping effect on the electrical conductivity in the $(Ce_{(1-x-y)}La_xM_y)O_{2-\delta}$(M = Ca, Sr) system	H. YAMAMURA, E. KATOH, M. ICHIKAWA, K. KAKINUMA, T. MORI, and H. HANEDA	**68(6)**,455-459(2000)	https://doi.org/10.5796/electrochemistry.68.455	7
5	Na_2CoPO_4F as a High-voltage Electrode Material for Na-ion Batteries	Kei KUBOTA, Kazuki YOKOH, Naoaki YABUUCHI, and Shinichi KOMABA	**82(10)**,909-911(2014)	https://doi.org/10.5796/electrochemistry.82.909	7
5	Glass Electrolytes with High Ion Conductivity and High Chemical Stability in the System LiI-Li_2O-Li_2S-P_2S_5	Takamasa OHTOMO, Akitoshi HAYASHI, Masahiro TATSUMISAGO, and Koji KAWAMOTO	**81(6)**,428-431(2013)	https://doi.org/10.5796/electrochemistry.81.428	7
5	Paired electrosynthesis of organic compounds	W. LI, T. NONAKA, and TC CHOU	**67(1)**,4-10(1999)	https://doi.org/10.5796/electrochemistry.67.4	7
5	Thermal Stability of Various Cathode Materials against $Li_{6.25}Al_{0.25}La_3Zr_2O_{12}$ Electrolyte	Jungo WAKASUGI, Hirokazu MUNAKATA, and Kiyoshi KANAMURA	**85(2)**,77-81(2017)	https://doi.org/10.5796/electrochemistry.85.77	7