

2021 Continuously Highly Cited Papers

Editorial Board of *Electrochemistry*
The Electrochemical Society of Japan

Rank	Title	Authors	Volume, Number, pages, Year	DOI	Years	Period	Total Times Cited	2021 Citation
1	Rechargeable Li-Air Batteries with Carbonate-Based Liquid Electrolytes	Fuminori MIZUNO, Shinji NAKANISHI; Yukinari KOTANI, Shoji YOKOISHI, Hideki IBA	78(5) ,403-405(2010)	https://doi.org/10.5796/electrochemistry.78.403	11	2011-2021	335	12
2	Surface enhanced Raman spectroscopy: Towards single molecular spectroscopy	B. PETTINGER, G. PICARDI, R. SCHUSTER, G. ERTL	68(12) ,942-949(2000)	https://doi.org/10.5796/electrochemistry.68.942	10	2012-2021	197	15
3	Crystal Structures and Electrode Performance of Alpha-NaFeO ₂ for Rechargeable Sodium Batteries	Naoaki YABUUCHI, Hiroaki YOSHIDA, Shinichi KOMABA	80(10) ,716-719(2012)	https://doi.org/10.5796/electrochemistry.80.716	9	2013-2021	256	27
4	Lithium Dendrite Formation on a Lithium Metal Anode from Liquid, Polymer and Solid Electrolytes	Yasuo TAKEDA; Osamu YAMAMOTO, Nobuyuki IMANISHI	84(4) ,210-218(2016)	https://doi.org/10.5796/electrochemistry.84.210	5	2017-2021	87	17
5	Effect of Concentrated Electrolyte on Aqueous Sodium-ion Battery with Sodium Manganese Hexacyanoferrate Cathode	Kosuke NAKAMOTO Ryo SAKAMOTO; Masato ITO, Ayuko KITAJYO; Shigeto OKADA	85(4) ,179-185(2017)	https://doi.org/10.5796/electrochemistry.85.179	4	2018-2021	67	14
5	Discharge Performance of All-Solid-State Battery Using a Lithium Superionic Conductor Li ₁₀ GeP ₂ S ₁₂	Yuki KATO, Koji KAWAMOTO, Ryoji KANNO, Masaaki HIRAYAMA	80(10) ,749-751(2012)	https://doi.org/10.5796/electrochemistry.80.749	4	2018-2021	100	12
7	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	3	2019-2021	51	13
7	Surface Layer and Morphology of Lithium Metal Electrodes	Hiroko KUWATA, Hidetoshi SONOKI, Masaki MATSUI, Yasuaki MATSUDA, Nobuyuki IMANISHI	84(11) ,854-860(2016)	https://doi.org/10.5796/electrochemistry.84.854	3	2019-2021	38	8
9	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	2	2020-2021	38	17
9	Ionic liquids for electrochemical devices	Rika HAGIWARA, Je Seung LEE	75(1) ,23-34(2007)	https://doi.org/10.5796/electrochemistry.75.23	2	2020-2021	129	8