

Evan L Anderson

List of Publications by Year in descending order

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papers

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933447

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times ranked

626
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic Liquids as Electrolytes for Electrochemical Double-Layer Capacitors: Structures that Optimize Specific Energy. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 3396-3406.	8.0	175
2	Avoiding Errors in Electrochemical Measurements: Effect of Frit Material on the Performance of Reference Electrodes with Porous Frit Junctions. <i>Analytical Chemistry</i> , 2016, 88, 8706-8713.	6.5	55
3	Stress and Mental Health in Graduate School: How Student Empowerment Creates Lasting Change. <i>Journal of Chemical Education</i> , 2018, 95, 1939-1946.	2.3	37
4	Electrochemical Impedance Spectroscopy of Ion-Selective Membranes: Artifacts in Two-, Three-, and Four-Electrode Measurements. <i>Analytical Chemistry</i> , 2016, 88, 9738-9745.	6.5	33
5	Self-Supporting, Hydrophobic, Ionic Liquid-Based Reference Electrodes Prepared by Polymerization-Induced Microphase Separation. <i>ACS Sensors</i> , 2017, 2, 1498-1504.	7.8	24
6	Solid-Contact Ion-Selective and Reference Electrodes Covalently Attached to Functionalized Poly(ethylene terephthalate). <i>Analytical Chemistry</i> , 2020, 92, 7621-7629.	6.5	24
7	Potentiometric Selectivities of Ionophore-Doped Ion-Selective Membranes: Concurrent Presence of Primary Ion or Interfering Ion Complexes of Multiple Stoichiometries. <i>Analytical Chemistry</i> , 2019, 91, 2409-2417.	6.5	13
8	Recent progress in the development of improved reference electrodes for electrochemistry. <i>Analytical Sciences</i> , 2022, 38, 71-83.	1.6	13
9	Easy-to-Make Capillary-Based Reference Electrodes with Controlled, Pressure-Driven Electrolyte Flow. <i>ACS Sensors</i> , 2021, 6, 2211-2217.	7.8	11
10	Functionalized Mesoporous Polymers with Enhanced Performance as Reference Electrode Frits. <i>ACS Applied Nano Materials</i> , 2018, 1, 139-144.	5.0	10
11	More than a Liquid Junction: Effect of Stirring, Flow Rate, and Inward and Outward Electrolyte Diffusion on Reference Electrodes with Salt Bridges Contained in Nanoporous Glass. <i>Analytical Chemistry</i> , 2019, 91, 7698-7704.	6.5	10
12	Remediation of Perfluorooctylsulfonate Contamination by in Situ Sequestration: Direct Monitoring of PFOS Binding to Polyquaternium Polymers. <i>ACS Omega</i> , 2019, 4, 1068-1076.	3.5	9
13	Critical Comparison of Reference Electrodes with Salt Bridges Contained in Nanoporous Glass with 5, 20, 50, and 100 nm Diameter Pores. <i>Analytical Sciences</i> , 2020, 36, 187-191.	1.6	7
14	Ion Aggregation and $R_{34}N^+ \text{C}(R) \text{H} \cdot \text{NR}_{34}$ Hydrogen Bonding in a Fluorous Phase. <i>Journal of Physical Chemistry B</i> , 2016, 120, 11239-11246.	2.6	5
15	Indirect Potentiometric Determination of Polyquaternium Polymer Concentrations by Equilibrium Binding to 1-Dodecyl Sulfate. <i>Analytical Sciences</i> , 2019, 35, 679-684.	1.6	3