

Glen D O'neil

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

809
citations

687363

13
h-index

794594

19
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22
all docs

22
docs citations

22
times ranked

1300
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence of martian perchlorate, chlorate, and nitrate in Mars meteorite EETA79001: Implications for oxidants and organics. <i>Icarus</i> , 2014, 229, 206-213.	2.5	133
2	Identification of the perchlorate parent salts at the Phoenix Mars landing site and possible implications. <i>Icarus</i> , 2014, 232, 226-231.	2.5	123
3	Single-step fabrication of electrochemical flow cells utilizing multi-material 3D printing. <i>Electrochemistry Communications</i> , 2019, 99, 56-60.	4.7	104
4	Electrochemical X-ray Fluorescence Spectroscopy for Trace Heavy Metal Analysis: Enhancing X-ray Fluorescence Detection Capabilities by Four Orders of Magnitude. <i>Analytical Chemistry</i> , 2014, 86, 4566-4572.	6.5	80
5	Hydrogen Production with a Simple and Scalable Membraneless Electrolyzer. <i>Journal of the Electrochemical Society</i> , 2016, 163, F3012-F3019.	2.9	65
6	Trace Analysis of Heavy Metals (Cd, Pb, Hg) Using Native and Modified 3D Printed Graphene/Poly(Lactic) Tj ETQq0 0.0 rgBT /Overlock 10	2.9	53
7	Methods of photoelectrode characterization with high spatial and temporal resolution. <i>Energy and Environmental Science</i> , 2015, 8, 2863-2885.	30.8	51
8	Direct Identification and Analysis of Heavy Metals in Solution (Hg, Cu, Pb, Zn, Ni) by Use of in Situ Electrochemical X-ray Fluorescence. <i>Analytical Chemistry</i> , 2015, 87, 4933-4940.	6.5	36
9	Toward Single-step production of functional electrochemical devices using 3D printing: Progress, challenges, and opportunities. <i>Current Opinion in Electrochemistry</i> , 2020, 20, 60-65.	4.8	33
10	Membraneless electrolyzers for the simultaneous production of acid and base. <i>Chemical Communications</i> , 2017, 53, 8006-8009.	4.1	27
11	Voltammetric pH Measurements in Unadulterated Foodstuffs, Urine, and Serum with 3D-Printed Graphene/Poly(Lactic Acid) Electrodes. <i>Analytical Chemistry</i> , 2020, 92, 14999-15006.	6.5	25
12	Carbon-Nanofiber-Based Nanocomposite Membrane as a Highly Stable Solid-State Junction for Reference Electrodes. <i>Analytical Chemistry</i> , 2011, 83, 5749-5753.	6.5	16
13	Light-Addressable Electrochemical Sensing with Electrodeposited n-Silicon/Gold Nanoparticle Schottky Junctions. <i>Analytical Chemistry</i> , 2020, 92, 11444-11452.	6.5	16
14	Stability and Lifetime of Potassium Solid Contact Ion Selective Electrodes for Continuous and Autonomous Measurements. <i>Electroanalysis</i> , 2012, 24, 2071-2078.	2.9	12
15	Solid Contact Ion-Selective Electrodes for in Situ Measurements at High Pressure. <i>Analytical Chemistry</i> , 2017, 89, 4803-4807.	6.5	12
16	Electrochemistry of Aqueous Colloidal Graphene Oxide on Pt Electrodes. <i>Langmuir</i> , 2014, 30, 9599-9606.	3.5	7
17	Scanning Line Probe Microscopy: Beyond the Point Probe. <i>Analytical Chemistry</i> , 2018, 90, 11531-11537.	6.5	7
18	The use of graphene oxide as a fixed charge carrier in ion-selective electrodes. <i>Electrochemistry Communications</i> , 2015, 55, 51-54.	4.7	6

#	ARTICLE	IF	CITATIONS
19	Extraterrestrial. Nanostructure Science and Technology, 2014, , 131-151.	0.1	2