

# Scott R Smith

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Corrosion of Ni-Coated Can Hardware of Li-Ion Batteries in Organic-Based LiPF <sub>6</sub> Electrolytes. ECS Meeting Abstracts, 2022, MA2022-01, 196-196.	0.0	0
2	(Digital Presentation) Evaluating the Corrosivity of Liquid LiPF <sub>6</sub> Electrolytes with Nickel-Coated Mild Steel Used in the Manufacturing of Li-Ion Cells for Energy Storage. ECS Meeting Abstracts, 2022, MA2022-01, 247-247.	0.0	0
3	Impact of Electrolyte Volume on the Cycling Performance and Impedance Growth of 18650 Li-Ion Cells. ECS Meeting Abstracts, 2022, MA2022-01, 198-198.	0.0	0
4	Large Capacity Enhancement of Carbon Electrodes by Solution Processing for High Density Energy Storage. ACS Applied Materials & Interfaces, 2020, 12, 10211-10223.	8.0	10
5	Light-Induced Charge Transport in Bilayer Molecular Junctions for Photodetection. Advanced Optical Materials, 2019, 7, 1901053.	7.3	20
6	Photocurrent, Photovoltage, and Rectification in Large-Area Bilayer Molecular Electronic Junctions. Advanced Electronic Materials, 2018, 4, 1800093.	5.1	14
7	Guided Assembly of Two-Dimensional Arrays of Gold Nanoparticles on a Polycrystalline Gold Electrode for Electrochemical Surface-Enhanced Raman Spectroscopy. Journal of Physical Chemistry C, 2018, 122, 7303-7311.	3.1	5
8	Nanometric building blocks for robust multifunctional molecular junctions. Nanoscale Horizons, 2018, 3, 45-52.	8.0	20
9	Hybrid Graphene Ribbon/Carbon Electrodes for High-Performance Energy Storage. Advanced Energy Materials, 2018, 8, 1802439.	19.5	23
10	Characterization of Growth Patterns of Nanoscale Organic Films on Carbon Electrodes by Surface Enhanced Raman Spectroscopy. Analytical Chemistry, 2017, 89, 6463-6471.	6.5	26
11	Shell-isolated nanoparticle-enhanced Raman spectroscopy characterization of oxide ores during thiosulfate-mediated gold leaching. Journal of Raman Spectroscopy, 2017, 48, 197-203.	2.5	3
12	Elucidating the interfacial interactions of copper and ammonia with the sulfur passive layer during thiosulfate mediated gold leaching. Electrochimica Acta, 2016, 210, 925-934.	5.2	31
13	Quantitative SHINERS Analysis of Temporal Changes in the Passive Layer at a Gold Electrode Surface in a Thiosulfate Solution. Analytical Chemistry, 2015, 87, 3791-3799.	6.5	34
14	Characterization of a Self-Assembled Monolayer of 1-Thio- <sup>12</sup> -d-Glucose with Electrochemical Surface Enhanced Raman Spectroscopy Using a Nanoparticle Modified Gold Electrode. Langmuir, 2015, 31, 10076-10086.	3.5	19
15	A SERS characterization of the stability of polythionates at the gold-electrolyte interface. Surface Science, 2015, 631, 196-206.	1.9	37
16	An electrochemical approach to fabricate a heterogeneous mixed monolayer on planar polycrystalline Au and its characterization with Lateral Force Microscopy. Journal of Electroanalytical Chemistry, 2012, 666, 76-84.	3.8	12
17	Au dissolution during the anodic response of short-chain alkylthiols with polycrystalline Au electrodes. Electrochimica Acta, 2011, 56, 8291-8298.	5.2	12
18	Investigating Gold Dissolution during Oxidative Desorption of Alkylthiol Self-Assembled Monolayers. ECS Transactions, 2010, 28, 249-258.	0.5	5