

# Scott R Smith

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

271  
citations

840776

11  
h-index

996975

15  
g-index

19  
all docs

19  
docs citations

19  
times ranked

344  
citing authors

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