

David E Clffel

List of Publications by Year in descending order

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131
papers

6,440
citations

61857

43
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69108

77
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137
all docs

137
docs citations

137
times ranked

7852
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Sensors and Biosensors. <i>Analytical Chemistry</i> , 2012, 84, 685-707.	3.2	752
2	A Pt ⁰ /Ru/Graphitic Carbon Nanofiber Nanocomposite Exhibiting High Relative Performance as a Direct-Methanol Fuel Cell Anode Catalyst. <i>Journal of Physical Chemistry B</i> , 2001, 105, 8097-8101.	1.2	351
3	Redox and Fluorophore Functionalization of Water-Soluble, Tiopronin-Protected Gold Clusters. <i>Journal of the American Chemical Society</i> , 1999, 121, 7081-7089.	6.6	289
4	Electronic Conductivity of Solid-State, Mixed-Valent, Monolayer-Protected Au Clusters. <i>Journal of the American Chemical Society</i> , 2000, 122, 11465-11472.	6.6	283
5	Functionalized Nanoporous Gold Leaf Electrode Films for the Immobilization of Photosystem I. <i>ACS Nano</i> , 2008, 2, 2465-2472.	7.3	173
6	Mercaptoammonium-Monolayer-Protected, Water-Soluble Gold, Silver, and Palladium Clusters. <i>Langmuir</i> , 2000, 16, 9699-9702.	1.6	169
7	In vivo toxicity, biodistribution, and clearance of glutathione-coated gold nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 257-263.	1.7	165
8	Electrochemistry of fullerene films. <i>Thin Solid Films</i> , 1995, 257, 166-184.	0.8	155
9	Engineering Challenges for Instrumenting and Controlling Integrated Organ-on-Chip Systems. <i>IEEE Transactions on Biomedical Engineering</i> , 2013, 60, 682-690.	2.5	155
10	Ag ₄₄ (SR) ₃₀₄ ⁺ : a silver ⁺ -thiolate superatom complex. <i>Nanoscale</i> , 2012, 4, 4269.	2.8	154
11	Enhanced Photocurrent Production by Photosystem I Multilayer Assemblies. <i>Advanced Functional Materials</i> , 2010, 20, 4048-4054.	7.8	126
12	Photosystem I ⁺ -Based biohybrid photoelectrochemical cells. <i>Bioresource Technology</i> , 2010, 101, 3047-3053.	4.8	120
13	Synthesis and Catalytic Properties of Soluble Platinum Nanoparticles Protected by a Thiol Monolayer. <i>Langmuir</i> , 2004, 20, 6012-6018.	1.6	114
14	Short-Chain PEG Mixed Monolayer Protected Gold Clusters Increase Clearance and Red Blood Cell Counts. <i>ACS Nano</i> , 2011, 5, 3577-3584.	7.3	104
15	Enhanced Photocurrents of Photosystem I Films on p ⁺ -Doped Silicon. <i>Advanced Materials</i> , 2012, 24, 5959-5962.	11.1	102
16	A Microphysiometer for Simultaneous Measurement of Changes in Extracellular Glucose, Lactate, Oxygen, and Acidification Rate. <i>Analytical Chemistry</i> , 2004, 76, 519-527.	3.2	99
17	Rapid Assembly of Photosystem I Monolayers on Gold Electrodes. <i>Langmuir</i> , 2008, 24, 8409-8412.	1.6	98
18	Scanning Electrochemical Microscopy. 37. Light Emission by Electrogenerated Chemiluminescence at SECM Tips and Their Application to Scanning Optical Microscopy. <i>Analytical Chemistry</i> , 1998, 70, 2941-2948.	3.2	91

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19	NanoLiterBioReactor: Long-Term Mammalian Cell Culture at Nanofabricated Scale. <i>Biomedical Microdevices</i> , 2004, 6, 325-339.	1.4	90
20	Characterization of thiolate-protected gold nanoparticles by mass spectrometry. <i>Analyst</i> , 2010, 135, 868.	1.7	90
21	Glucose and Lactate Biosensors for Scanning Electrochemical Microscopy Imaging of Single Live Cells. <i>Analytical Chemistry</i> , 2008, 80, 2717-2727.	3.2	86
22	Photosystem I-polyaniline/TiO ₂ solid-state solar cells: simple devices for biohybrid solar energy conversion. <i>Energy and Environmental Science</i> , 2015, 8, 3572-3576.	15.6	85
23	The effect of As, Co, and Ni impurities on pyrite oxidation kinetics: An electrochemical study of synthetic pyrite. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2491-2509.	1.6	75
24	Electrochemical Studies of the Protonation of C60- and C60 ²⁻ . <i>The Journal of Physical Chemistry</i> , 1994, 98, 8140-8143.	2.9	74
25	Nanoscale Phase Segregation of Mixed Thiolates on Gold Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10554-10559.	7.2	74
26	Photosystem I on Graphene as a Highly Transparent, Photoactive Electrode. <i>Langmuir</i> , 2013, 29, 4177-4180.	1.6	74
27	Quartz Crystal Microbalance Detection of Glutathione-Protected Nanoclusters Using Antibody Recognition. <i>Analytical Chemistry</i> , 2005, 77, 304-310.	3.2	73
28	Electrochemistry and photoelectrochemistry of photosystem I adsorbed on hydroxyl-terminated monolayers. <i>Journal of Electroanalytical Chemistry</i> , 2007, 599, 72-78.	1.9	70
29	Electrospray Mass Spectrometry Study of Tiopronin Monolayer-Protected Gold Nanoclusters. <i>Journal of the American Chemical Society</i> , 2007, 129, 1095-1104.	6.6	69
30	Effect of Surface Composition on the Adsorption of Photosystem I onto Alkanethiolate Self-Assembled Monolayers on Gold. <i>Langmuir</i> , 2004, 20, 4033-4038.	1.6	65
31	Multianalyte microphysiometry as a tool in metabolomics and systems biology. <i>Journal of Electroanalytical Chemistry</i> , 2006, 587, 333-339.	1.9	63
32	The Role of Transforming Growth Factor- β -Mediated Tumor-Stroma Interactions in Prostate Cancer Progression: An Integrative Approach. <i>Cancer Research</i> , 2009, 69, 7111-7120.	0.4	61
33	Photosystem I Protein Films at Electrode Surfaces for Solar Energy Conversion. <i>Langmuir</i> , 2014, 30, 10990-11001.	1.6	59
34	Unexpected Toxicity of Monolayer Protected Gold Clusters Eliminated by PEG-Thiol Place Exchange Reactions. <i>Chemical Research in Toxicology</i> , 2010, 23, 1608-1616.	1.7	58
35	A multiwalled carbon nanotube/dihydropyran composite film electrode for insulin detection in a microphysiometer chamber. <i>Analytica Chimica Acta</i> , 2008, 609, 44-52.	2.6	57
36	Neurovascular unit on a chip: implications for translational applications. <i>Stem Cell Research and Therapy</i> , 2013, 4, S18.	2.4	56

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37	Surface Fragmentation of Complexes from Thiolate Protected Gold Nanoparticles by Ion Mobility-Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 3061-3066.	3.2	53
38	Electrochemical Preparation of Photosystem I-Polyaniline Composite Films for Biohybrid Solar Energy Conversion. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9328-9335.	4.0	53
39	Detection of Ebola virus envelope using monoclonal and polyclonal antibodies in ELISA, surface plasmon resonance and a quartz crystal microbalance immunosensor. <i>Journal of Virological Methods</i> , 2006, 137, 219-228.	1.0	52
40	Modification of the Cytosensor [®] , μ microphysiometer to simultaneously measure extracellular acidification and oxygen consumption rates. <i>Analytica Chimica Acta</i> , 2003, 496, 93-101.	2.6	50
41	Entrapment of Photosystem I within Self-Assembled Films. <i>Langmuir</i> , 2006, 22, 8114-8120.	1.6	48
42	Tiopronin Gold Nanoparticle Precursor Forms Auophilic Ring Tetramer. <i>Inorganic Chemistry</i> , 2010, 49, 10858-10866.	1.9	46
43	Electrochemistry of tert-Butylcalix[8]arene-C60 Films Using a Scanning Electrochemical Microscope-Quartz Crystal Microbalance. <i>Analytical Chemistry</i> , 1998, 70, 4146-4151.	3.2	45
44	Metabolic Discrimination of Select List Agents by Monitoring Cellular Responses in a Multianalyte Microphysiometer. <i>Sensors</i> , 2009, 9, 2117-2133.	2.1	43
45	Photoactive Films of Photosystem I on Transparent Reduced Graphene Oxide Electrodes. <i>Langmuir</i> , 2014, 30, 8990-8994.	1.6	41
46	Photosystem I Patterning Imaged by Scanning Electrochemical Microscopy. <i>Langmuir</i> , 2005, 21, 692-698.	1.6	40
47	IL4 receptor β mediates enhanced glucose and glutamine metabolism to support breast cancer growth. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1219-1228.	1.9	38
48	Scanning Electrochemical Microscopy. 36. A Combined Scanning Electrochemical Microscope-Quartz Crystal Microbalance Instrument for Studying Thin Films. <i>Analytical Chemistry</i> , 1998, 70, 1993-1998.	3.2	37
49	A Structural Mass Spectrometry Strategy for the Relative Quantitation of Ligands on Mixed Monolayer-Protected Gold Nanoparticles. <i>Analytical Chemistry</i> , 2010, 82, 9268-9274.	3.2	37
50	Surface Adsorption and Electrochemical Reduction of 2,4,6-Trinitrotoluene on Vanadium Dioxide. <i>Analytical Chemistry</i> , 2015, 87, 334-337.	3.2	37
51	Integration of Photosystem I with Graphene Oxide for Photocurrent Enhancement. <i>Advanced Energy Materials</i> , 2014, 4, 1301953.	10.2	34
52	Neuron specific metabolic adaptations following multi-day exposures to oxygen glucose deprivation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 1095-1104.	1.8	30
53	Kinetic Model of the Photocatalytic Effect of a Photosystem I Monolayer on a Planar Electrode Surface. <i>Journal of Physical Chemistry A</i> , 2011, 115, 3326-3334.	1.1	29
54	Mediated approaches to Photosystem I-based biophotovoltaics. <i>Current Opinion in Electrochemistry</i> , 2017, 5, 211-217.	2.5	29

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55	Effect of Redox Mediator on the Photo-Induced Current of a Photosystem I Modified Electrode. <i>Journal of the Electrochemical Society</i> , 2013, 160, H315-H320.	1.3	28
56	Improving the stability of photosystem I-based bioelectrodes for solar energy conversion. <i>Current Opinion in Electrochemistry</i> , 2020, 19, 27-34.	2.5	28
57	Continuous Free-Flow Electrophoresis of Water-Soluble Monolayer-Protected Clusters. <i>Analytical Chemistry</i> , 2005, 77, 4348-4353.	3.2	27
58	Photoreduction of Catalytic Platinum Particles Using Immobilized Multilayers of Photosystem I. <i>Langmuir</i> , 2012, 28, 7952-7956.	1.6	27
59	Photosystem I in Langmuir-Blodgett and Langmuir-Schaefer Monolayers. <i>Langmuir</i> , 2012, 28, 15080-15086.	1.6	26
60	Real-Time Monitoring of Cellular Bioenergetics with a Multianalyte Screen-Printed Electrode. <i>Analytical Chemistry</i> , 2015, 87, 7857-7864.	3.2	26
61	Hemagglutinin Linear Epitope Presentation on Monolayer-Protected Clusters Elicits Strong Antibody Binding. <i>Biomacromolecules</i> , 2005, 6, 3419-3424.	2.6	25
62	Scanning Electrochemical Microscopy Determination of Organic Soluble MPC Electron-Transfer Rates. <i>Langmuir</i> , 2006, 22, 10307-10314.	1.6	25
63	Chemical and Electrochemical Oxidation of C8-Arylamine Adducts of 2-Deoxyguanosine. <i>Journal of the American Chemical Society</i> , 2007, 129, 2074-2081.	6.6	23
64	Real-time recognition of Mycobacterium tuberculosis and lipoarabinomannan using the quartz crystal microbalance. <i>Sensors and Actuators B: Chemical</i> , 2012, 174, 245-252.	4.0	23
65	Metabolic Impact of 4-Hydroxynonenal on Macrophage-Like RAW 264.7 Function and Activation. <i>Chemical Research in Toxicology</i> , 2012, 25, 1643-1651.	1.7	23
66	Organs-on-Chips as Bridges for Predictive Toxicology. <i>Applied in Vitro Toxicology</i> , 2016, 2, 97-102.	0.6	23
67	Imaging of voltage-gated alamethicin pores in a reconstituted bilayer lipid membrane via scanning electrochemical microscopy. <i>Analyst</i> , 2006, 131, 311-316.	1.7	22
68	Epitope Mapping of the Protective Antigen of B. Anthracis by Using Nanoclusters Presenting Conformational Peptide Epitopes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 594-598.	7.2	22
69	Biomimetic monolayer-protected gold nanoparticles for immunorecognition. <i>Nanoscale</i> , 2012, 4, 3843.	2.8	22
70	Photosystem I Multilayers within Porous Indium Tin Oxide Cathodes Enhance Mediated Electron Transfer. <i>ChemElectroChem</i> , 2020, 7, 596-603.	1.7	22
71	Instrumenting a Fetal Membrane on a Chip as Emerging Technology for Preterm Birth Research. <i>Current Pharmaceutical Design</i> , 2018, 23, 6115-6124.	0.9	22
72	Nanoparticle-based biologic mimetics. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2009, 1, 47-59.	3.3	21

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73	The Effects of Cholera Toxin on Cellular Energy Metabolism. <i>Toxins</i> , 2010, 2, 632-648.	1.5	21
74	An Electrochemical Reaction-Diffusion Model of the Photocatalytic Effect of Photosystem I Multilayer Films. <i>Journal of Physical Chemistry B</i> , 2018, 122, 117-125.	1.2	21
75	Electrochemical Impedance Spectroscopy of Synthetic Pyrite Doped with As, Co, and Ni. <i>Journal of the Electrochemical Society</i> , 2008, 155, P61.	1.3	20
76	Construction of a Semiconductor-Biological Interface for Solar Energy Conversion: p-Doped Silicon/Photosystem I/Zinc Oxide. <i>Langmuir</i> , 2015, 31, 10002-10007.	1.6	20
77	Polyviologen as Electron Transport Material in Photosystem I-Based Biophotovoltaic Cells. <i>Langmuir</i> , 2018, 34, 15658-15664.	1.6	20
78	Reversing the Thermodynamics of Galvanic Replacement Reactions by Decreasing the Size of Gold Nanoparticles. <i>Journal of the American Chemical Society</i> , 2020, 142, 19268-19277.	6.6	20
79	Metabolic Multianalyte Microphysiometry Reveals Extracellular Acidosis is an Essential Mediator of Neuronal Preconditioning. <i>ACS Chemical Neuroscience</i> , 2012, 3, 510-518.	1.7	18
80	Room-Temperature Reactions for Self-Cleaning Molecular Nanosensors. <i>Nano Letters</i> , 2013, 13, 798-802.	4.5	18
81	Modeling the measurements of cellular fluxes in microbioreactor devices using thin enzyme electrodes. <i>Journal of Mathematical Chemistry</i> , 2011, 49, 251-275.	0.7	17
82	Multifunctional nanoparticles as simulants for a gravimetric immunoassay. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1021-1029.	1.9	15
83	A printed superoxide dismutase coated electrode for the study of macrophage oxidative burst. <i>Biosensors and Bioelectronics</i> , 2012, 33, 128-133.	5.3	15
84	Multichamber multipotentiostat system for cellular microphysiometry. <i>Sensors and Actuators B: Chemical</i> , 2014, 204, 536-543.	4.0	15
85	Effect of Cross-linking on the Performance and Stability of Photocatalytic Photosystem I Films. <i>Electrochimica Acta</i> , 2016, 222, 926-932.	2.6	15
86	Photosystem I Multilayer Films for Photovoltage Enhancement in Natural Dye-Sensitized Solar Cells. <i>ACS Applied Energy Materials</i> , 2018, 1, 301-305.	2.5	15
87	Output analysis of materials inkjet printer. <i>Applied Physics Letters</i> , 2007, 91, 113114.	1.5	13
88	Photosystem I Enhances the Efficiency of a Natural, Gel-Based Dye-Sensitized Solar Cell. <i>ACS Applied Bio Materials</i> , 2020, 3, 4465-4473.	2.3	13
89	Layer-by-Layer Assembly of Photosystem I and PEDOT:PSS Biohybrid Films for Photocurrent Generation. <i>Langmuir</i> , 2021, 37, 10481-10489.	1.6	13
90	Ionization-Enhanced Decomposition of 2,4,6-Trinitrotoluene (TNT) Molecules. <i>Journal of Physical Chemistry A</i> , 2011, 115, 8142-8146.	1.1	12

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91	Multianalyte Microphysiometry Reveals Changes in Cellular Bioenergetics Upon Exposure to Fluorescent Dyes. <i>Analytical Chemistry</i> , 2013, 85, 11677-11680.	3.2	12
92	Fibrotic Encapsulation Is the Dominant Source of Continuous Glucose Monitor Delays. <i>Diabetes</i> , 2019, 68, 1892-1901.	0.3	12
93	Real-Time Cell Dynamics With a Multianalyte Physiometer. , 2005, 303, 209-223.		11
94	Application of multianalyte microphysiometry to characterize macrophage metabolic responses to oxidized LDL and effects of an apoA-1 mimetic. <i>Biochemical and Biophysical Research Communications</i> , 2013, 431, 181-185.	1.0	10
95	Multianalyte Microphysiometry of Macrophage Responses to Phorbol Myristate Acetate, Lipopolysaccharide, and Lipoarabinomannan. <i>Electroanalysis</i> , 2013, 25, 1706-1712.	1.5	10
96	Analysis of a Nitroreductase-Based Hypoxia Sensor in Primary Neuronal Cultures. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1188-1191.	1.7	10
97	Electrochemical Microphysiometry Detects Cellular Glutamate Uptake. <i>Journal of the Electrochemical Society</i> , 2018, 165, G3120-G3124.	1.3	10
98	Optical and electrochemical tuning of hydrothermally synthesized nitrogen-doped carbon dots. <i>Nanoscale Advances</i> , 2020, 2, 3375-3383.	2.2	8
99	Chlorpyrifos Disrupts Acetylcholine Metabolism Across Model Blood-Brain Barrier. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 622175.	2.0	7
100	A bistable, multiport valve enables microformulators creating microclinical analyzers that reveal aberrant glutamate metabolism in astrocytes derived from a tuberous sclerosis patient. <i>Sensors and Actuators B: Chemical</i> , 2021, 341, 129972.	4.0	7
101	Scanning Electrochemical Microscopy of Individual Pancreatic Islets. <i>Journal of the Electrochemical Society</i> , 2016, 163, H3077-H3082.	1.3	6
102	Elucidation of the Role of Lectin-Like oxLDL Receptor-1 in the Metabolic Responses of Macrophages to Human oxLDL. <i>Journal of Lipids</i> , 2017, 2017, 1-9.	1.9	6
103	Design and synthesis of an antigenic mimic of the Ebola glycoprotein. <i>Journal of Materials Research</i> , 2008, 23, 3161-3168.	1.2	5
104	In Vivo Testing for Gold Nanoparticle Toxicity. <i>Methods in Molecular Biology</i> , 2013, 1026, 175-186.	0.4	5
105	Prostaglandin E ₂ Regulation of Macrophage Innate Immunity. <i>Chemical Research in Toxicology</i> , 2016, 29, 19-25.	1.7	5
106	Mercury-Free Analysis of Lead in Drinking Water by Anodic Stripping Square Wave Voltammetry. <i>Journal of Chemical Education</i> , 2007, 84, 312.	1.1	4
107	<i>Pueraria lobata</i> (Kudzu) Photosystem I Improves the Photoelectrochemical Performance of Silicon. <i>Industrial Biotechnology</i> , 2013, 9, 37-41.	0.5	4
108	Effect of Ligand Charge on Electron-Transfer Rates of Water-Soluble Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 11296-11300.	1.5	4

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109	Prefaceâ€”Semiconductor Electrochemistry and Photoelectrochemistry in Honor of Krishnan Rajeshwar. <i>Journal of the Electrochemical Society</i> , 2019, 166, Y5-Y6.	1.3	4
110	A Low-Interference, High-Resolution Multianalyte Electrochemical Biosensor. <i>Analytical Methods</i> , 2020, 12, 3873-3882.	1.3	4
111	Carbonâ€”supported AuPt and AuPd bimetallic nanocomposites as formic acid electrooxidation catalysts. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 2903-2909.	0.8	3
112	Multianalyte Physiological Microanalytical Devices. <i>Annual Review of Analytical Chemistry</i> , 2017, 10, 93-111.	2.8	3
113	Small gold nanoparticles presenting linear and looped Cilengitide analogues as radiosensitizers of cells expressing $\pm 1/2 1^2 3$ integrin. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	0.8	3
114	Electrochemical Monitoring of Cellular Metabolism. , 2014, , 522-528.		2
115	Communicationâ€”Microfluidic Electrochemical Acetylcholine Detection in the Presence of Chlorpyrifos. <i>Journal of the Electrochemical Society</i> , 2019, 166, G178-G181.	1.3	2
116	Photosystem I Multilayers within Porous Indium Tin Oxide Cathodes Enhance Mediated Electron Transfer. <i>ChemElectroChem</i> , 2020, 7, 585-585.	1.7	1
117	Electrochemical Detection of 2,4,6-Trinitrotoluene at Colloidal Gold Nanoparticle Film Assemblies. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2015, , 147-160.	0.5	1
118	NanoLiterBioReactor: Monitoring of Long-Term Mammalian Cell Physiology at Nanofabricated Scale. <i>Materials Research Society Symposia Proceedings</i> , 2004, 823, W9.5.1/O5.5.1.	0.1	0
119	NanoLiterBioReactor: Monitoring of Long-Term Mammalian Cell Physiology at Nanofabricated Scale. <i>Materials Research Society Symposia Proceedings</i> , 2004, 820, 126.	0.1	0
120	(Invited) Eight Channel Microphysiometry Using a Lab on a Chip Microclinical Analyzer. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 1388-1388.	0.0	0
121	Photosystem I-Modified Multi-Walled Carbon Nanotube Anodes for Enhanced Solar Energy Conversion. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
122	High-Resolution Multianalyte Biosensor Array for Analysis of Model Organ Systems. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
123	Graduate Electrochemistry Course Projects. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
124	Multilayer Photosystem I Films within Porous Indium Tin Oxide Cathodes for Enhanced Photocurrent Generation. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
125	Synthesis and Characterization of Osmium Redox Polymer Mediators for Type II Biosensors. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
126	(Invited) Eight Channel Microphysiometry Using a Lab on a Chip Microclinical Analyzer. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 1992-1992.	0.0	0

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127	Electron Transfer at Photosystem I - Electrode Interfaces: Porous & Translucent Indium Tin Oxide Cathodes. ECS Meeting Abstracts, 2020, MA2020-01, 2526-2526.	0.0	0
128	Organotypic Neurovascular Unit and Electrochemical Platform for Predictive Toxicology. ECS Meeting Abstracts, 2019, MA2019-02, 2423-2423.	0.0	0
129	Effects of Chlorpyrifos Exposure on Acetylcholine Metabolism across a Model Blood-Brain Barrier. ECS Meeting Abstracts, 2019, MA2019-02, 2426-2426.	0.0	0
130	Trace Oxygen Affects Osmium Redox Polymer Synthesis for Wired Enzymatic Biosensors. Journal of the Electrochemical Society, 2022, 169, 016506.	1.3	0
131	(Digital Presentation) Simultaneous and Real-Time Electrochemical Detection of Multiple Biomarkers in a Microfluidic Chip. ECS Meeting Abstracts, 2022, MA2022-01, 2236-2236.	0.0	0