

# Seung Woo Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3686489/publications.pdf>

Version: 2024-02-01

127  
papers

10,111  
citations

50170

46  
h-index

33814

99  
g-index

134  
all docs

134  
docs citations

134  
times ranked

13677  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-power lithium batteries from functionalized carbon-nanotube electrodes. <i>Nature Nanotechnology</i> , 2010, 5, 531-537.	15.6	1,026
2	Carbon Nanotube/Manganese Oxide Ultrathin Film Electrodes for Electrochemical Capacitors. <i>ACS Nano</i> , 2010, 4, 3889-3896.	7.3	686
3	Layer-by-Layer Assembly of All Carbon Nanotube Ultrathin Films for Electrochemical Applications. <i>Journal of the American Chemical Society</i> , 2009, 131, 671-679.	6.6	598
4	Sodium Metal Anodes: Emerging Solutions to Dendrite Growth. <i>Chemical Reviews</i> , 2019, 119, 5416-5460.	23.0	572
5	Nanostructured carbon-based electrodes: bridging the gap between thin-film lithium-ion batteries and electrochemical capacitors. <i>Energy and Environmental Science</i> , 2011, 4, 1972.	15.6	346
6	Flexible supercapacitor electrodes based on real metal-like cellulose papers. <i>Nature Communications</i> , 2017, 8, 536.	5.8	313
7	Role of Oxygen Functional Groups in Carbon Nanotube/Graphene Freestanding Electrodes for High Performance Lithium Batteries. <i>Advanced Functional Materials</i> , 2013, 23, 1037-1045.	7.8	304
8	Elastomeric electrolytes for high-energy solid-state lithium batteries. <i>Nature</i> , 2022, 601, 217-222.	13.7	290
9	The Nature of Lithium Battery Materials under Oxygen Evolution Reaction Conditions. <i>Journal of the American Chemical Society</i> , 2012, 134, 16959-16962.	6.6	287
10	Surface Composition Tuning of Au-Pt Bimetallic Nanoparticles for Enhanced Carbon Monoxide and Methanol Electro-oxidation. <i>Journal of the American Chemical Society</i> , 2013, 135, 7985-7991.	6.6	266
11	Layer-by-Layer Assembled Polyaniline Nanofiber/Multiwall Carbon Nanotube Thin Film Electrodes for High-Power and High-Energy Storage Applications. <i>ACS Nano</i> , 2011, 5, 8552-8561.	7.3	255
12	Self-polymerized dopamine as an organic cathode for Li- and Na-ion batteries. <i>Energy and Environmental Science</i> , 2017, 10, 205-215.	15.6	253
13	Thin films of carbon nanotubes and chemically reduced graphenes for electrochemical micro-capacitors. <i>Carbon</i> , 2011, 49, 457-467.	5.4	250
14	Piezoelectric-Driven Self-Charging Supercapacitor Power Cell. <i>ACS Nano</i> , 2015, 9, 4337-4345.	7.3	226
15	Emergent Pseudocapacitance of 2D Nanomaterials. <i>Advanced Energy Materials</i> , 2018, 8, 1702930.	10.2	226
16	First-Principles Density Functional Theory Modeling of Li Binding: Thermodynamics and Redox Properties of Quinone Derivatives for Lithium-Ion Batteries. <i>Journal of the American Chemical Society</i> , 2016, 138, 2374-2382.	6.6	194
17	Structure Sensitivity of Pd Facets for Enhanced Electrochemical Nitrate Reduction to Ammonia. <i>ACS Catalysis</i> , 2021, 11, 7568-7577.	5.5	194
18	Roles of Surface Steps on Pt Nanoparticles in Electro-oxidation of Carbon Monoxide and Methanol. <i>Journal of the American Chemical Society</i> , 2009, 131, 15669-15677.	6.6	186

#	ARTICLE	IF	CITATIONS
19	Electrochemical polymerization of pyrene derivatives on functionalized carbon nanotubes for pseudocapacitive electrodes. <i>Nature Communications</i> , 2015, 6, 7040.	5.8	159
20	Ammonia and Nitric Acid Demands for Fertilizer Use in 2050. <i>ACS Energy Letters</i> , 2021, 6, 3676-3685.	8.8	157
21	Oxygen Vacancy-Introduced BaSnO <sub>3</sub> Photoanodes with Tunable Band Structures for Efficient Solar-Driven Water Splitting. <i>Advanced Materials</i> , 2019, 31, e1903316.	11.1	140
22	High-power hybrid biofuel cells using layer-by-layer assembled glucose oxidase-coated metallic cotton fibers. <i>Nature Communications</i> , 2018, 9, 4479.	5.8	139
23	Self-standing positive electrodes of oxidized few-walled carbon nanotubes for light-weight and high-power lithium batteries. <i>Energy and Environmental Science</i> , 2012, 5, 5437-5444.	15.6	130
24	Role of Surface Steps of Pt Nanoparticles on the Electrochemical Activity for Oxygen Reduction. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 1316-1320.	2.1	121
25	Parallelized Reaction Pathway and Stronger Internal Band Bending by Partial Oxidation of Metal Sulfide-Graphene Composites: Important Factors of Synergistic Oxygen Evolution Reaction Enhancement. <i>ACS Catalysis</i> , 2018, 8, 4091-4102.	5.5	116
26	Flow-electrode capacitive deionization with highly enhanced salt removal performance utilizing high-aspect ratio functionalized carbon nanotubes. <i>Water Research</i> , 2019, 151, 252-259.	5.3	116
27	Improved stability of nano-Sn electrode with high-quality nano-SEI formation for lithium ion battery. <i>Nano Energy</i> , 2015, 12, 314-321.	8.2	108
28	Pt-Ni octahedral nanocrystals as a class of highly active electrocatalysts toward the hydrogen evolution reaction in an alkaline electrolyte. <i>Journal of Materials Chemistry A</i> , 2016, 4, 12392-12397.	5.2	103
29	Structural Evolution and Pulverization of Tin Nanoparticles during Lithiation-Delithiation Cycling. <i>Journal of the Electrochemical Society</i> , 2014, 161, F3019-F3024.	1.3	96
30	Rapid fabrication of thick spray-layer-by-layer carbon nanotube electrodes for high power and energy devices. <i>Energy and Environmental Science</i> , 2013, 6, 888.	15.6	79
31	Reducing the Barrier Energy of Self-Reconstruction for Anchored Cobalt Nanoparticles as Highly Active Oxygen Evolution Electrocatalyst. <i>Advanced Materials</i> , 2019, 31, e1901977.	11.1	79
32	A 3D Hierarchical Host with Enhanced Sodiophilicity Enabling Anode-Free Sodium-Metal Batteries. <i>Advanced Materials</i> , 2022, 34, e2109767.	11.1	79
33	High-Density Lithium-Ion Energy Storage Utilizing the Surface Redox Reactions in Folded Graphene Films. <i>Chemistry of Materials</i> , 2015, 27, 3291-3298.	3.2	78
34	Innovative cathode flow-field design for passive air-cooled polymer electrolyte membrane (PEM) fuel cell stacks. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 11704-11713.	3.8	72
35	High Capacity Adsorption-Dominated Potassium and Sodium Ion Storage in Activated Crumpled Graphene. <i>Advanced Energy Materials</i> , 2020, 10, 1903280.	10.2	72
36	Toward Efficient Electrocatalytic Oxygen Evolution: Emerging Opportunities with Metallic Pyrochlore Oxides for Electrocatalysts and Conductive Supports. <i>ACS Central Science</i> , 2020, 6, 880-891.	5.3	71

#	ARTICLE	IF	CITATIONS
37	Electrostatic Layer-by-Layer Assembled Au Nanoparticle/MWNT Thin Films: Microstructure, Optical Property, and Electrocatalytic Activity for Methanol Oxidation. <i>Chemistry of Materials</i> , 2009, 21, 2993-3001.	3.2	63
38	Ice-templated Self-assembly of VOPO <sub>4</sub> @Graphene Nanocomposites for Vertically Porous 3D Supercapacitor Electrodes. <i>Scientific Reports</i> , 2015, 5, 13696.	1.6	60
39	All-Soft Supercapacitors Based on Liquid Metal Electrodes with Integrated Functionalized Carbon Nanotubes. <i>ACS Nano</i> , 2020, 14, 5659-5667.	7.3	57
40	Role of anions on electrochemical exfoliation of graphite into graphene in aqueous acids. <i>Carbon</i> , 2020, 167, 816-825.	5.4	54
41	Submicron silicon encapsulated with graphene and carbon as a scalable anode for lithium-ion batteries. <i>Carbon</i> , 2017, 119, 438-445.	5.4	53
42	Structure-controlled graphene electrocatalysts for high-performance H <sub>2</sub> O <sub>2</sub> production. <i>Energy and Environmental Science</i> , 2022, 15, 2858-2866.	15.6	52
43	Pattern Transfer Printing of Multiwalled Carbon Nanotube Multilayers and Application in Biosensors. <i>Chemistry of Materials</i> , 2010, 22, 4791-4797.	3.2	51
44	Carbon Nanotube Web with Carboxylated Polythiophene Assist for High-Performance Battery Electrodes. <i>ACS Nano</i> , 2018, 12, 3126-3139.	7.3	51
45	In Situ Self-Formed Nanosheet MoS <sub>3</sub> /Reduced Graphene Oxide Material Showing Superior Performance as a Lithium-Ion Battery Cathode. <i>ACS Nano</i> , 2018, 13, 1490-1498.	7.3	49
46	Ultrathin supercapacitor electrodes with high volumetric capacitance and stability using direct covalent-bonding between pseudocapacitive nanoparticles and conducting materials. <i>Nano Energy</i> , 2015, 12, 612-625.	8.2	48
47	Pt-Covered Multiwall Carbon Nanotubes for Oxygen Reduction in Fuel Cell Applications. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 1332-1336.	2.1	47
48	Systematic Molecular Design of Ketone Derivatives of Aromatic Molecules for Lithium-Ion Batteries: First-Principles DFT Modeling. <i>ChemSusChem</i> , 2017, 10, 1584-1591.	3.6	44
49	Recent advances in non-precious group metal-based catalysts for water electrolysis and beyond. <i>Journal of Materials Chemistry A</i> , 2021, 10, 50-88.	5.2	44
50	In Situ Polymerization of Dopamine on Graphene Framework for Charge Storage Applications. <i>Small</i> , 2018, 14, e1801236.	5.2	40
51	High-yield electrochemical hydrogen peroxide production from an enhanced two-electron oxygen reduction pathway by mesoporous nitrogen-doped carbon and manganese hybrid electrocatalysts. <i>Nanoscale Horizons</i> , 2020, 5, 832-838.	4.1	40
52	Thermodynamic and redox properties of graphene oxides for lithium-ion battery applications: a first principles density functional theory modeling approach. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 20600-20606.	1.3	39
53	Understanding synergistic metal-oxide interactions of in situ exsolved metal nanoparticles on a pyrochlore oxide support for enhanced water splitting. <i>Energy and Environmental Science</i> , 2021, 14, 3053-3063.	15.6	39
54	Vacuum-Assisted Layer-by-Layer Nanocomposites for Self-Standing 3D Mesoporous Electrodes. <i>Chemistry of Materials</i> , 2014, 26, 5310-5318.	3.2	38

#	ARTICLE	IF	CITATIONS
55	Biomass-derived carbonaceous positive electrodes for sustainable lithium-ion storage. <i>Nanoscale</i> , 2016, 8, 3671-3677.	2.8	38
56	Highly conductive electrocatalytic gold nanoparticle-assembled carbon fiber electrode for high-performance glucose-based biofuel cells. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13495-13505.	5.2	36
57	Analyzing oxygen transport resistance and Pt particle growth effect in the cathode catalyst layer of polymer electrolyte fuel cells. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 13414-13427.	3.8	35
58	Outstanding Low-Temperature Performance of Structure-Controlled Graphene Anode Based on Surface-Controlled Charge Storage Mechanism. <i>Advanced Functional Materials</i> , 2021, 31, 2009397.	7.8	34
59	Synthesis, Activity and Durability of Pt Nanoparticles Supported on Multi-walled Carbon Nanotubes for Oxygen Reduction. <i>Journal of the Electrochemical Society</i> , 2011, 158, B1398.	1.3	33
60	Unveiled correlations between electron affinity and solvation in redox potential of quinone-based sodium-ion batteries. <i>Energy Storage Materials</i> , 2019, 19, 242-250.	9.5	32
61	Self-Assembled, Redox-Active Graphene Electrodes for High-Performance Energy Storage Devices. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 4324-4330.	2.1	31
62	Hierarchical networks of redox-active reduced crumpled graphene oxide and functionalized few-walled carbon nanotubes for rapid electrochemical energy storage. <i>Nanoscale</i> , 2016, 8, 12330-12338.	2.8	31
63	Covalent organic frameworks: Design and applications in electrochemical energy storage devices. <i>Informa Materials</i> , 2022, 4, .	8.5	31
64	Charge-Transfer-Modulated Transparent Supercapacitor Using Multidentate Molecular Linker and Conductive Transparent Nanoparticle Assembly. <i>ACS Nano</i> , 2019, 13, 12719-12731.	7.3	29
65	Role of surface steps in activation of surface oxygen sites on Ir nanocrystals for oxygen evolution reaction in acidic media. <i>Applied Catalysis B: Environmental</i> , 2022, 302, 120834.	10.8	29
66	Improved capacity of redox-active functional carbon cathodes by dimension reduction for hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 3367-3375.	5.2	28
67	High surface area carbon from polyacrylonitrile for high-performance electrochemical capacitive energy storage. <i>Journal of Materials Chemistry A</i> , 2016, 4, 18294-18299.	5.2	27
68	Oxygen Reduction Activity of Pt <sub>x</sub> Ni <sub>1-x</sub> Alloy Nanoparticles on Multiwall Carbon Nanotubes. <i>Electrochemical and Solid-State Letters</i> , 2011, 14, B110.	2.2	26
69	Room-Temperature Metallic Fusion-Induced Layer-by-Layer Assembly for Highly Flexible Electrode Applications. <i>Advanced Functional Materials</i> , 2019, 29, 1806584.	7.8	23
70	A dual-stage sodium thermal electrochemical converter (Na-TEC). <i>Journal of Power Sources</i> , 2017, 371, 217-224.	4.0	22
71	Nanoparticle-Based Electrodes with High Charge Transfer Efficiency through Ligand Exchange Layer-by-Layer Assembly. <i>Advanced Materials</i> , 2020, 32, e2001924.	11.1	22
72	Parametric study of passive air-cooled polymer electrolyte membrane fuel cell stacks. <i>International Journal of Heat and Mass Transfer</i> , 2020, 156, 119886.	2.5	22

#	ARTICLE	IF	CITATIONS
73	Stitchable supercapacitors with high energy density and high rate capability using metal nanoparticle-assembled cotton threads. <i>Journal of Materials Chemistry A</i> , 2018, 6, 20421-20432.	5.2	21
74	Thin-Film Electrode Design for High Volumetric Electrochemical Performance Using Metal Sputtering-Combined Ligand Exchange Layer-by-Layer Assembly. <i>Advanced Functional Materials</i> , 2018, 28, 1804926.	7.8	19
75	Post-assembly modification of polymeric composite membranes using spin drying for fuel cell applications. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7380-7388.	5.2	19
76	Porous Strained Pt Nanostructured Thin-Film Electrocatalysts via Dealloying for PEM Fuel Cells. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901326.	1.9	19
77	Textile-Type Lithium-Ion Battery Cathode Enabling High Specific/Areal Capacities and High Rate Capability through Ligand Replacement Reaction-Mediated Assembly. <i>Advanced Energy Materials</i> , 2021, 11, 2101631.	10.2	19
78	CeO <sub>2</sub> (111) Surface with Oxygen Vacancy for Radical Scavenging: A Density Functional Theory Approach. <i>Journal of Physical Chemistry C</i> , 2020, 124, 20950-20959.	1.5	18
79	Effect of the Side-Chain Length in Perfluorinated Sulfonic and Phosphoric Acid-Based Membranes on Nanophase Segregation and Transport: A Molecular Dynamics Simulation Approach. <i>Journal of Physical Chemistry B</i> , 2020, 124, 1571-1580.	1.2	18
80	Enhanced Lithium Storage of an Organic Cathode via the Bipolar Mechanism. <i>ACS Applied Energy Materials</i> , 2020, 3, 3728-3735.	2.5	18
81	Hydrothermally Oxidized Single-Walled Carbon Nanotube Networks for High Volumetric Electrochemical Energy Storage. <i>Small</i> , 2016, 12, 3423-3431.	5.2	17
82	Interfacial Design and Assembly for Flexible Energy Electrodes with Highly Efficient Energy Harvesting, Conversion, and Storage. <i>Advanced Energy Materials</i> , 2021, 11, 2002969.	10.2	16
83	High purity hydrogen production via aqueous phase reforming of xylose over small Pt nanoparticles on a $\gamma$ -Al <sub>2</sub> O <sub>3</sub> support. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 13848-13861.	3.8	15
84	Layer-by-Layer Assembly-Based Electrocatalytic Fibril Electrodes Enabling Extremely Low Overpotentials and Stable Operation at 1 A cm <sup>2</sup> in Water-Splitting Reaction. <i>Advanced Functional Materials</i> , 2021, 31, 2102530.	7.8	15
85	A Layer-by-Layer Assembly Route to Electroplated Fibril-Based 3D Porous Current Collectors for Energy Storage Devices. <i>Small</i> , 2021, 17, e2007579.	5.2	13
86	Polyethylenimine-Assisted Synthesis of Au Nanoparticles for Efficient Syngas Production. <i>Electroanalysis</i> , 2019, 31, 1401-1408.	1.5	12
87	Aluminum textile-based binder-free nanostructured battery cathodes using a layer-by-layer assembly of metal/metal oxide nanoparticles. <i>Applied Physics Reviews</i> , 2021, 8, .	5.5	12
88	Pseudocapacitance: Emergent Pseudocapacitance of 2D Nanomaterials ( <i>Adv. Energy Mater.</i> 13/2018). <i>Advanced Energy Materials</i> , 2018, 8, 1870058.	10.2	10
89	Stacking-Controlled Assembly of Cabbage-Like Graphene Microsphere for Charge Storage Applications. <i>Small</i> , 2018, 14, 1801948.	5.2	10
90	Electrochemical Performance of Thin-Film Functionalized Carbon Nanotube Electrodes in Nonaqueous Cells. <i>Journal of the Electrochemical Society</i> , 2014, 161, A1625-A1633.	1.3	9

#	ARTICLE	IF	CITATIONS
91	Improving Water Management and Performance of an Air-Cooled Fuel Cell System Using Pressurized Air for Aviation Applications. <i>Journal of the Electrochemical Society</i> , 2021, 168, 084503.	1.3	9
92	Synthesis and Oxygen Reduction Reaction Activity of Atomic and Nanoparticle Gold on Thiol-Functionalized Multiwall Carbon Nanotubes. <i>Electrochemical and Solid-State Letters</i> , 2011, 14, B105.	2.2	8
93	High-capacity sulfur copolymer cathode with metallic fibril-based current collector and conductive capping layer. <i>Journal of Materials Chemistry A</i> , 2021, 9, 2334-2344.	5.2	4
94	Fabrication of 3D structured composites of crumpled graphene, polyaniline and molybdenum disulfide nanosheets for high performance alkali metal ion storage. <i>Advanced Powder Technology</i> , 2021, 32, 464-471.	2.0	4
95	High-performance hybrid biofuel cells using amphiphilic assembly based enzyme electrodes. <i>Applied Physics Reviews</i> , 2022, 9, .	5.5	4
96	A Cost-Performance Analysis of a Sodium Heat Engine for Distributed Concentrating Solar Power. <i>Advanced Sustainable Systems</i> , 2020, 4, 1900104.	2.7	3
97	Two-Dimensional Polydopamine Positive Electrodes for High-Capacity Alkali Metal-Ion Storage. <i>ChemElectroChem</i> , 2021, 8, 1070-1077.	1.7	3
98	Interfacial Li-Ion Storage between Graphene Layers. <i>ECS Transactions</i> , 2017, 77, 19-25.	0.3	2
99	A 3D Hierarchical Host with Enhanced Sodiophilicity Enabling Anode-Free Sodium-Metal Batteries (Adv.) <i>TJ ETQq</i> 1.1 0.784314 rgB	11.1	2
100	Techno-Economic Analysis of Dual-Stage Sodium Thermal Electrochemical Converter (Na-TEC) Power Block for Distributed CSP. , 2018, , .		1
101	Charge Transfer: Interfacial Design and Assembly for Flexible Energy Electrodes with Highly Efficient Energy Harvesting, Conversion, and Storage (Adv. Energy Mater. 27/2021). <i>Advanced Energy Materials</i> , 2021, 11, 2170108.	10.2	1
102	Unveiled Correlations between Electron Affinity and Solvation in Redox Potential of Quinone-Based Sodium-Ion Batteries. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
103	Brazings for Metal-Ceramic Joining in Sodium Thermal Electrochemical Converter (Na-TEC) Devices. , 2018, , .		0
104	Nanoparticle-Based Electrodes: Nanoparticle-Based Electrodes with High Charge Transfer Efficiency through Ligand Exchange Layer-by-Layer Assembly (Adv. Mater. 51/2020). <i>Advanced Materials</i> , 2020, 32, 2070382.	11.1	0
105	Redox-Active Organic Positive Electrodes for Li- and Na-Ion Capacitors. <i>ECS Meeting Abstracts</i> , 2017, , .	0.0	0
106	Interfacial Li-Ion Storage Between Graphene Layers. <i>ECS Meeting Abstracts</i> , 2017, , .	0.0	0
107	Redox-Active Organic Electrodes for Pseudocapacitor Applications. <i>ECS Meeting Abstracts</i> , 2017, , .	0.0	0
108	Effects of Carboxylated Polythiophenes in Fe <sub>3</sub> O <sub>4</sub> Li-Ion Battery Anodes. <i>ECS Meeting Abstracts</i> , 2017, , .	0.0	0

#	ARTICLE	IF	CITATIONS
109	Carbon-Based Electrodes for High Energy Electrochemical Capacitors. ECS Meeting Abstracts, 2017, , .	0.0	0
110	Polydopamine: A Promising Organic Cathode for Rechargeable Batteries. ECS Meeting Abstracts, 2017, , .	0.0	0
111	Hydrothermal Assembly of Submicron Si Recovered from Si Waste with Graphene and Carbon for Scalable Lithium Battery Anodes. ECS Meeting Abstracts, 2017, , .	0.0	0
112	(Invited) Redox-Active Carbon Positive Electrodes for High-Performance Hybrid Supercapacitors. ECS Meeting Abstracts, 2018, , .	0.0	0
113	Synthesis of Pt-M (M=Ir, Pd) Bimetallic Nanocrystals with Controlled Shape and Composition As a High-Performance Electrocatalyst for Ammonia Electrolysis. ECS Meeting Abstracts, 2018, , .	0.0	0
114	Surface-Controlled Charge Storage Mechanism of Graphene for Alkali Metal Ion Storage. ECS Meeting Abstracts, 2018, , .	0.0	0
115	Reduced Graphene Oxide As an Advanced Anode for Li-Ion Battery. ECS Meeting Abstracts, 2018, , .	0.0	0
116	(Invited) Facets of Nanocrystal: A Knob to Tune Electrocatalytic Activity. ECS Meeting Abstracts, 2018, , .	0.0	0
117	Study of Anodic Electrochemical Exfoliation of Graphite Under Acidic Electrolyte for Scalable Production of Graphene. ECS Meeting Abstracts, 2019, , .	0.0	0
118	(Invited) Pd Shape-Controlled Nanoparticles Decorated with Promoter Metals for Electrochemical Nitrate Reduction. ECS Meeting Abstracts, 2019, , .	0.0	0
119	Surface Modification of Pd Shape-Controlled Nanoparticles for Electrochemical Nitrate Reduction. ECS Meeting Abstracts, 2019, , .	0.0	0
120	Fundamental Understanding of Redox Characteristics of Defect-Rich Holey Graphene for Lithium Ion Energy Storage Devices. ECS Meeting Abstracts, 2019, , .	0.0	0
121	Outstanding Low-Temperature Performance of Structure-Controlled Crumpled Graphene Battery Anode Based on Surface-Controlled Charge Storage Mechanism. ECS Meeting Abstracts, 2019, , .	0.0	0
122	(Invited) Nanostructured Organic Electrodes for Electrochemical Energy Storage Applications. ECS Meeting Abstracts, 2019, , .	0.0	0
123	(Invited) Electrochemical Production of Graphene and Controlled Assembly of 3D Graphene Electrodes for Energy Storage Applications. ECS Meeting Abstracts, 2020, MA2020-01, 600-600.	0.0	0
124	(Invited) Controlled Assembly of 3D Graphene Electrodes for Enhanced Alkali Metal Storage. ECS Meeting Abstracts, 2020, MA2020-02, 333-333.	0.0	0
125	Pd Shape-Controlled Nanoparticles Decorated with Metals for Electrochemical Nitrate and Nitrite Reduction. ECS Meeting Abstracts, 2020, MA2020-02, 3268-3268.	0.0	0
126	(Invited) Design Strategies of PdCu Bimetals for Engineering Selectivity Toward Nitrogen and Ammonia from Electrochemical Nitrate Reduction. ECS Meeting Abstracts, 2021, MA2021-02, 1551-1551.	0.0	0



#	ARTICLE	IF	CITATIONS
127	3D Structured Graphene Anodes for Alkali Metal Ion Storage Applications. ECS Meeting Abstracts, 2021, MA2021-02, 529-529.	0.0	0