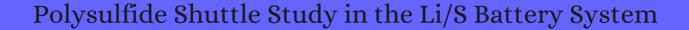
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DOI: 10.1149/1.1806394 Journal of the Electrochemical Society, 2004, 151, A1969.

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#	Paper	IF	Citations
1677	Self-discharge characteristics of lithium/sulfur batteries using TEGDME liquid electrolyte. <b>2006</b> , 52, 156	53-156	6 105
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1673	Vibrations of the Sâß bond in elemental sulfur and organic polysulfides: a structural guide. <b>2009</b> , 30, 518-554		60
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1329	Graphene/sulfur hybrid nanosheets from a space-confined "sauna" reaction for high-performance lithium-sulfur batteries. <b>2015</b> , 27, 5936-42	106
1328	An Advanced Lithium-Ion Sulfur Battery for High Energy Storage. <b>2015</b> , 5, 1500481	84
1327	Synthesis, Spectroscopic Characterization, Crystal Structures, Energetics, and Thermal Stabilities of Li[AlX4] (X = Cl, Br): Investigation and Performance of Their Electrolyte Solutions. <b>2015</b> , 2015, 3128-3138	3
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1322	An Aligned and Laminated Nanostructured Carbon Hybrid Cathode for High-Performance Lithium-Sulfur Batteries. <b>2015</b> , 54, 10539-44	83
1321	Graphene/Sulfur/Carbon Nanocomposite for High Performance Lithium-Sulfur Batteries. <b>2015</b> , 5, 1481-1492	13
1320	Interfacial Reaction Dependent Performance of Hollow Carbon Nanosphere 🖽 🖫 ulfur Composite as a Cathode for Li-S Battery. <b>2015</b> , 3,	3
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1298	First-Principles Study of Redox End Members in LithiumâBulfur Batteries. <b>2015</b> , 119, 4675-4683		53
1297	Sulfur cathodes based on conductive MXene nanosheets for high-performance lithium-sulfur batteries. <b>2015</b> , 54, 3907-11		848
1296	Carbide-derived carbon/sulfur composite cathode for multi-layer separator assembled Li-S battery. <b>2015</b> , 32, 867-873		11
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1182	Towards greener and more sustainable batteries for electrical energy storage. <b>2015</b> , 7, 19-29  Large-scale synthesis of ordered mesoporous carbon fiber and its application as cathode material for lithiumâBulfur batteries. <b>2015</b> , 81, 782-787  LithiumâBulphur battery with activated carbon cloth-sulphur cathode and ionic liquid as electrolyte.	3.9	149
1182 1181 1180	Towards greener and more sustainable batteries for electrical energy storage. <b>2015</b> , 7, 19-29  Large-scale synthesis of ordered mesoporous carbon fiber and its application as cathode material for lithiumâBulfur batteries. <b>2015</b> , 81, 782-787  LithiumâBulphur battery with activated carbon cloth-sulphur cathode and ionic liquid as electrolyte. <b>2015</b> , 273, 162-167  Micro- and Mesoporous Carbide-Derived CarbonâBelenium Cathodes for High-Performance Lithium	3.9	4222 149 26
1182 1181 1180	Towards greener and more sustainable batteries for electrical energy storage. 2015, 7, 19-29  Large-scale synthesis of ordered mesoporous carbon fiber and its application as cathode material for lithiumâBulfur batteries. 2015, 81, 782-787  LithiumâBulphur battery with activated carbon cloth-sulphur cathode and ionic liquid as electrolyte. 2015, 273, 162-167  Micro- and Mesoporous Carbide-Derived CarbonâBelenium Cathodes for High-Performance Lithium Selenium Batteries. 2015, 5, 1400981	3.9	4222 149 26
1182 1181 1180 1179 1178	Towards greener and more sustainable batteries for electrical energy storage. 2015, 7, 19-29  Large-scale synthesis of ordered mesoporous carbon fiber and its application as cathode material for lithiumâBulfur batteries. 2015, 81, 782-787  LithiumâBulphur battery with activated carbon cloth-sulphur cathode and ionic liquid as electrolyte. 2015, 273, 162-167  Micro- and Mesoporous Carbide-Derived CarbonâBelenium Cathodes for High-Performance Lithium Selenium Batteries. 2015, 5, 1400981  Recent Development of Carbonaceous Materials for LithiumâBulphur Batteries. 2016, 2, 33  Mesoporous hollow carbon spheres for lithium-sulfur batteries: distribution of sulfur and	3.9	149 26 118

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1012	Recent advances in inorganic 2D materials and their applications in lithium and sodium batteries. <b>2017</b> , 5, 3735-3758	259
1011	Functionalized Boron Nitride Nanosheets/Graphene Interlayer for Fast and Long-Life LithiumâBulfur Batteries. <b>2017</b> , 7, 1602380	155
1010	Propelling polysulfides transformation for high-rate and long-life lithiumâBulfur batteries. <b>2017</b> , 33, 306-312	277
1009	A High-Efficiency Sulfur/Carbon Composite Based on 3D Graphene Nanosheet@Carbon Nanotube Matrix as Cathode for LithiumâBulfur Battery. <b>2017</b> , 7, 1602543	302
1008	Core-Shell Structure and Interaction Mechanism of EMnO Coated Sulfur for Improved Lithium-Sulfur Batteries. <b>2017</b> , 13, 1603466	113
1007	Physisorption Mechanism of Solvated Polysulfide Chains on Graphene Oxides with Varied Functional Groups. <b>2017</b> , 121, 5089-5098	5
1006	Theoretical Investigation of 2D Layered Materials as Protective Films for Lithium and Sodium Metal Anodes. <b>2017</b> , 7, 1602528	145
1005	A Novel Optical Diagnostic for In Situ Measurements of Lithium Polysulfides in Battery Electrolytes. <b>2017</b> , 71, 1593-1599	21
1004	A New Type of Multifunctional Polar Binder: Toward Practical Application of High Energy Lithium Sulfur Batteries. <b>2017</b> , 29, 1605160	239
1003	Spirulina-derived nitrogen-doped porous carbon as carbon/S composite cathodes for high cyclability lithium-sulphur batteries. <b>2017</b> , 704, 1-6	25
1002	Lithium sulfur and lithium oxygen batteries: new frontiers of sustainable energy storage. <b>2017</b> , 1, 228-247	53
1001	Probing Titanium Disulfide-Sulfur Composite Materials for Li-S Batteries via In Situ X-ray Diffraction (XRD). <i>Journal of the Electrochemical Society</i> , <b>2017</b> , 164, A897-A901	16
1000	In Situ NMR Observation of the Temporal Speciation of Lithium Sulfur Batteries during Electrochemical Cycling. <b>2017</b> , 121, 6011-6017	34
999	Revealing Charge Transport Mechanisms in LiS for Li-Sulfur Batteries. <b>2017</b> , 8, 1324-1330	51
998	Regenerative Polysulfide-Scavenging Layers Enabling Lithium-Sulfur Batteries with High Energy Density and Prolonged Cycling Life. <b>2017</b> , 11, 2697-2705	111
997	Carboxymethyl cellulose binders enable high-rate capability of sulfurized polyacrylonitrile cathodes for LiâB batteries. <b>2017</b> , 5, 5460-5465	41
996	Enhanced Liâß batteries using cation-functionalized pigment nanocarbon in coreâßhell structured composite cathodes. <b>2017</b> , 5, 5559-5567	21
995	Sulfonic Groups Originated Dual-Functional Interlayer for High Performance Lithium-Sulfur Battery. <b>2017</b> , 9, 14878-14888	97

994	A novel strategy for high-stability lithium sulfur batteries by in situ formation of polysulfide adsorptive-blocking layer. <b>2017</b> , 355, 147-153	22
993	Effect of carbon-sulphur bond in a sulphur/dehydrogenated polyacrylonitrile/reduced graphene oxide composite cathode for lithium-sulphur batteries. <b>2017</b> , 355, 140-146	21
992	LithiumâBulfur Batteries with the Lowest Self-Discharge and the Longest Shelf life. <b>2017</b> , 2, 1056-1061	45
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990	Multifunctional Free-Standing Gel Polymer Electrolyte with Carbon Nanofiber Interlayers for High-Performance Lithium-Sulfur Batteries. <b>2017</b> , 12, 1470-1474	26
989	Electrochemical impedance spectroscopy of a LiâB battery: Part 1. Influence of the electrode and electrolyte compositions on the impedance of symmetric cells. <b>2017</b> , 244, 61-68	50
988	Tuning the Adsorption of Polysulfides in LithiumâBulfur Batteries with MetalâDrganic Frameworks. <b>2017</b> , 29, 4932-4939	83
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984	Carbonate-based additive for improvement of cycle durability of electrodeposited Si-O-C composite anode in glyme-based ionic liquid electrolyte for use in lithium secondary batteries. <b>2017</b> , 243, 65-71	16
983	Nucleophilic substitution between polysulfides and binders unexpectedly stabilizing lithium sulfur battery. <b>2017</b> , 38, 82-90	89
982	Hierarchical porous carbon derived from animal bone as matric to encapsulated selenium for high performance LiâBe battery. <b>2017</b> , 36, 434-441	7
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980	High-Performance All-Inorganic Solid-State Sodium-Sulfur Battery. <b>2017</b> , 11, 4885-4891	96
979	Multifunctional Co 3 S 4 @sulfur nanotubes for enhanced lithium-sulfur battery performance. <b>2017</b> , 37, 7-14	254
978	Relevant Features of a Triethylene Glycol Dimethyl Ether-Based Electrolyte for Application in Lithium Battery. <b>2017</b> , 9, 17085-17095	19
977	Materials Genomics Screens for Adaptive Ion Transport Behavior by Redox-Switchable Microporous Polymer Membranes in Lithium-Sulfur Batteries. <b>2017</b> , 3, 399-406	38

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976	A Nanophase-Separated, Quasi-Solid-State Polymeric Single-Ion Conductor: Polysulfide Exclusion for LithiumâBulfur Batteries. <b>2017</b> , 2, 1232-1239	35
975	Structure-Property Relationships of Organic Electrolytes and Their Effects on Li/S Battery Performance. <b>2017</b> , 29, 1700449	67
974	Large-Scale Batteries for Green Energy Society. <b>2017</b> , 175-195	2
973	Towards flexible lithium-sulfur battery from natural cotton textile. <b>2017</b> , 246, 507-516	113
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965	CoN Nanosheet Assembled Mesoporous Sphere as a Matrix for Ultrahigh Sulfur Content Lithium-Sulfur Batteries. <b>2017</b> , 11, 6031-6039	310
964	A hybrid electrolyte for long-life semi-solid-state lithium sulfur batteries. <b>2017</b> , 5, 13971-13975	37
963	A Toolbox for LithiumâBulfur Battery Research: Methods and Protocols. <b>2017</b> , 1, 1700134	160
962	More Reliable Lithium-Sulfur Batteries: Status, Solutions and Prospects. <b>2017</b> , 29, 1606823	1054
961	A Novel Polar Copolymer Design as a Multi-Functional Binder for Strong Affinity of Polysulfides in Lithium-Sulfur Batteries. <b>2017</b> , 12, 195	26
960	Ultrathin MnO2/Graphene Oxide/Carbon Nanotube Interlayer as Efficient Polysulfide-Trapping Shield for High-Performance Liâß Batteries. <b>2017</b> , 27, 1606663	228
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957	Recent progress in LiâB and LiâBe batteries. <b>2017</b> , 36, 339-364		66
956	Synthesis and characterization of sulfur/carbon/porous nanostructured V 2 O 5 composite cathodes for lithium sulfur batteries. <b>2017</b> , 28, 1411-1417		15
955	Liquid Sulfur Impregnation of Microporous Carbon Accelerated by Nanoscale Interfacial Effects. <b>2017</b> , 17, 2517-2523		15
954	Ultrathin dendrimer-graphene oxide composite film for stable cycling lithium-sulfur batteries. <b>2017</b> , 114, 3578-3583		78
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951	Reviewât n the Mechanism of Quasi-Solid-State Lithiation of Sulfur Encapsulated in Microporous Carbons: Is the Existence of Small Sulfur Molecules Necessary?. <i>Journal of the Electrochemical Society</i> , <b>2017</b> , 164, A6244-A6253	3.9	60
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949	A Sulfur-Rich Copolymer@CNT Hybrid Cathode with Dual-Confinement of Polysulfides for High-Performance Lithium-Sulfur Batteries. <b>2017</b> , 29, 1603835		167
948	Ammonium Additives to Dissolve Lithium Sulfide through Hydrogen Binding for High-Energy Lithium-Sulfur Batteries. <b>2017</b> , 9, 4290-4295		51
947	The correlation between carbon structures and electrochemical properties of sulfur/carbon composites for Li-S batteries. <b>2017</b> , 341, 139-146		20
946	Synthesis, Structure, and Electrochemical Properties of a Sulfur-Carbon Replica Composite Electrode for All-Solid-State Li-Sulfur Batteries. <i>Journal of the Electrochemical Society</i> , <b>2017</b> , 164, A6178-	À818	3 <sup>13</sup>
945	Nanostructured cathode materials for lithiumâBulfur batteries: progress, challenges and perspectives. <b>2017</b> , 5, 3014-3038		147
944	Synthesis of hollow silica-sulfur composite nanospheres towards stable lithium-sulfur battery. <b>2017</b> , 23, 1091-1096		2
943	An aprotic lithium/polyiodide semi-liquid battery with an ionic shield. <b>2017</b> , 342, 9-16		13
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940	Carbon-coated corealhell Li2S@C nanocomposites as high performance cathode materials for lithiumaBulfur batteries. <b>2017</b> , 5, 1428-1433	28
939	Single-wall carbon nanotube network enabled ultrahigh sulfur-content electrodes for high-performance lithium-sulfur batteries. <b>2017</b> , 42, 205-214	140
938	New Insights into Mossy Li Induced Anode Degradation and Its Formation Mechanism in Liâß Batteries. <b>2017</b> , 2, 2696-2705	72
937	Cell Concepts of Metal-Sulfur Batteries (Metal´=´Li, Na, K, Mg): Strategies for Using Sulfur in Energy Storage Applications. <b>2017</b> , 375, 81	40
936	Electrochemical impedance spectroscopy of a LiâB battery: Part 2. Influence of separator chemistry on the lithium electrode/electrolyte interface. <b>2017</b> , 255, 379-390	21
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934	High Sulfur Content Material with Stable Cycling in Lithium-Sulfur Batteries. <b>2017</b> , 56, 15118-15122	39
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932	Encapsulation of cathode in lithium-sulfur batteries with a novel two-dimensional carbon allotrope: DHP-graphene. <b>2017</b> , 7, 14948	26
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929	In situ preparation of a macro-chamber for S conversion reactions in lithiumâBulfur batteries. <b>2017</b> , 5, 23497-23505	27
928	Non-encapsulation approach for high-performance LiâB batteries through controlled nucleation and growth. <b>2017</b> , 2, 813-820	256
927	Effect of lithium-trapping on nitrogen-doped graphene as an anchoring material for lithium-sulfur batteries: a density functional theory study. <b>2017</b> , 19, 28189-28194	41
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925	Progress and prospects of sodium-sulfur batteries: A review. <b>2017</b> , 312, 8-16	88
924	Boron- and nitrogen-doped reduced graphene oxide coated separators for high-performance Li-S batteries. <b>2017</b> , 369, 87-94	53
923	Designing solid-electrolyte interphases for lithium sulfur electrodes using ionic shields. <b>2017</b> , 41, 573-582	28

922	Novel flower-like hierarchical carbon sphere with multi-scale pores coated on PP separator for high-performance lithium-sulfur batteries. <b>2017</b> , 257, 210-216	32
921	Heteroatoms-Doped Porous Carbon Derived from Tuna Bone for High Performance Li-S Batteries. <b>2017</b> , 258, 80-89	33
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917	A High-Volumetric-Capacity Cathode Based on Interconnected Close-Packed N-Doped Porous Carbon Nanospheres for Long-Life LithiumâBulfur Batteries. <b>2017</b> , 7, 1701082	79
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915	Rational Design of High-Loading Sulfur Cathodes with a Poached-Egg-Shaped Architecture for Long-Cycle LithiumâBulfur Batteries. <b>2017</b> , 2, 2205-2211	52
914	Efficient sulfur host based on NiCo 2 O 4 hollow microtubes for advanced Li-S batteries. <b>2017</b> , 256, 189-195	14
913	Advances in lithiumâBulfur batteries. <b>2017</b> , 121, 1-29	77
912	MetalâDrganic Framework-Based Separators for Enhancing LiâB Battery Stability: Mechanism of Mitigating Polysulfide Diffusion. <b>2017</b> , 2, 2362-2367	160
911	Capillarity Composited Recycled Paper/Graphene Scaffold for Lithium-Sulfur Batteries with Enhanced Capacity and Extended Lifespan. <b>2017</b> , 13, 1701927	64
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891	In operando infrared spectroscopy of lithium polysulfides using a novel spectro-electrochemical cell. <b>2017</b> , 364, 266-271	30
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887	Toward in-situ protected sulfur cathodes by using lithium bromide and pre-charge. <b>2017</b> , 40, 170-179	42

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882	Atomic Sulfur Anchored on Silicene, Phosphorene, and Borophene for Excellent Cycle Performance of Li-S Batteries. <b>2017</b> , 9, 42836-42844	41
881	Fluorinated Ether Based Electrolyte for High-Energy Lithiumâßulfur Batteries: Li+ Solvation Role Behind Reduced Polysulfide Solubility. <b>2017</b> , 29, 10037-10044	56
880	Catholyte Formulations for High-Energy Li-S Batteries. <b>2017</b> , 8, 5907-5914	11
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872	Flexible catholyte@carbon nanotube film electrode for high-performance lithium sulfur battery. <b>2017</b> , 113, 371-378	30
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870	Hierarchical porous carbon derived from soybean hulls as a cathode matrix for lithium-sulfur batteries. <b>2017</b> , 695, 2246-2252	48
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867	Gluing Carbon Black and Sulfur at Nanoscale: A Polydopamine-Based âNano-Binderâlfor Double-Shelled Sulfur Cathodes. <b>2017</b> , 7, 1601591	57
866	A Novel Lithiated Silicon-Sulfur Battery Exploiting an Optimized Solid-Like Electrolyte to Enhance Safety and Cycle Life. <b>2017</b> , 13, 1602015	25
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860	Carbon fiber-incorporated sulfur/carbon ternary cathode for lithiumâBulfur batteries with enhanced performance. <b>2017</b> , 21, 1203-1210	20
859	Electrochemical properties of sulfurized poly-acrylonitrile (SPAN) cathode containing carbon fiber current collectors. <b>2017</b> , 326, 443-449	6
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857	Lithium-Sulfur Battery Technology Readiness and ApplicationsâA Review. <b>2017</b> , 10, 1937	93
856	Complex Hydride Electrolytes for All-solid-state Lithium Rechargeable Batteries. 2017, 56, 354-357	
855	Kalman-variant estimators for state of charge in lithium-sulfur batteries. <b>2017</b> , 343, 254-267	30
854	Promoting sulfur adsorption using surface Cu sites in metalâBrganic frameworks for lithium sulfur batteries. <b>2018</b> , 6, 4811-4821	57
853	Tungsten Carbide as a Highly Efficient Catalyst for Polysulfide Fragmentations in Liâß Batteries. <b>2018</b> , 122, 7664-7669	31
852	Progress of the Interface Design in All-Solid-State LiâB Batteries. <b>2018</b> , 28, 1707533	140
851	Rational Design of Nanostructured Functional Interlayer/Separator for Advanced Liâß Batteries. <b>2018</b> , 28, 1707411	196

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848	High-Rate and Long-Term Cycle Stability of Li-S Batteries Enabled by LiS/TiO-Impregnated Hollow Carbon Nanofiber Cathodes. <b>2018</b> , 10, 16552-16560	27
847	Organic Polysulfides Based on åBåBåBåBåtstructure as Additives or Cosolvents for High Performance Lithium-Sulfur Batteries. <b>2018</b> , 5, 1717-1723	10
846	Ionically cross-linked PEDOT:PSS as a multi-functional conductive binder for high-performance lithiumâBulfur batteries. <b>2018</b> , 2, 1574-1581	50
845	A Novel High-Capacity Anode Material Derived from Aromatic Imides for Lithium-Ion Batteries. <b>2018</b> , 14, e1704094	20
844	Materials and Device Constructions for Aqueous LithiumâBulfur Batteries. <b>2018</b> , 28, 1707593	24
843	Revisiting the Role of Polysulfides in Lithium-Sulfur Batteries. <b>2018</b> , 30, e1705590	291
842	Nafion/Titanium Dioxide-Coated Lithium Anode for Stable Lithium-Sulfur Batteries. 2018, 13, 1379-1385	24
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840	Lithiation and Delithiation Processes in LithiumâBulfur Batteries from Ab Initio Molecular Dynamics Simulations. <b>2018</b> , 122, 8769-8779	17
839	Ferromagnetic NanoparticleâAssisted Polysulfide Trapping for Enhanced LithiumâBulfur Batteries. <b>2018</b> , 28, 1800563	70
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834	Designing Lithium-Sulfur Cells with Practically Necessary Parameters. <b>2018</b> , 2, 710-724	122
833	Glass fiber separator coated by porous carbon nanofiber derived from immiscible PAN/PMMA for high-performance lithium-sulfur batteries. <b>2018</b> , 552, 31-42	60

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805	Sulfur-Containing Molecules Grafted on Carbon Nanotubes as Highly Cyclable Cathodes for Lithium/Organic Batteries. <b>2018</b> , 5, 1732-1737	4
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767	A rechargeable metal-free full-liquid sulfurâBromine battery for sustainable energy storage. <b>2018</b> , 6, 20737-20745		5
766	Metal-based nanostructured materials for advanced lithiumâBulfur batteries. <b>2018</b> , 6, 23127-23168		128
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719	Surface Functionalization of Carbon Architecture with Nano-MnO for Effective Polysulfide Confinement in Lithium-Sulfur Batteries. <b>2018</b> , 11, 2375-2381	31
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346	Strong lithium-polysulfide anchoring effect of amorphous carbon for lithiumâBulfur batteries. <b>2021</b> , 22, 94-103	4
345	Au modified single vacancy graphene as anchoring material for lithiumâBulfur batteries. <b>2021</b> , 762, 138101	1
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343	Nickel Metaphosphate as a Conversion Positive Electrode for Lithium-Ion Batteries. <b>2021</b> , 4, 195-204	2
342	Carbon nanotube-sulfur nanocomposite electrodes for high energyâfoldable lithium sulfur battery. <b>2021</b> , 42, 1638-1641	2
341	Advances in Electrolytes for High Capacity Rechargeable Lithium-Sulphur Batteries. <b>2021</b> , 5, 3-37	6
340	Implications of in situ chalcogen substitutions in polysulfides for rechargeable batteries.	10
339	Solvate electrolytes for Li and Na batteries: structures, transport properties, and electrochemistry. <b>2021</b> , 23, 21419-21436	8
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330	Single atom catalysts supported on N-doped graphene toward fast kinetics in LiâB batteries: a theoretical study. <b>2021</b> , 9, 12225-12235	18
329	Sulfur and Sulfide Positive Electrode. <b>2021</b> , 125-135	

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328	Alternatives to Cobalt: Vanadate Glass and Glass-Ceramic Structures as Cathode Materials for Rechargeable Lithium-Ion Batteries. <b>2021</b> , 9, 629-638	2
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324	Investigation on Fabrication of Reduced Graphene Oxide-Sulfur Composite Cathodes for Li-S Battery via Hydrothermal and Thermal Reduction Methods. <b>2021</b> , 14,	1
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315	The 2021 battery technology roadmap. <b>2021</b> , 54, 183001	63
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307	Trifunctional Electrolyte Additive Hexadecyltrioctylammonium Iodide for Lithium-Sulfur Batteries with Extended Cycle Life. <b>2021</b> , 13, 16545-16557	4
306	2021 roadmap on lithium sulfur batteries. <b>2021</b> , 3, 031501	32
305	Critical Role of Functional Groups Containing N, S, and O on Graphene Surface for Stable and Fast Charging Li-S Batteries. <b>2021</b> , 17, e2007242	7
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302	Parameter Identification and Sensitivity Analysis for Zero-Dimensional Physics-Based Lithium-Sulfur Battery Models. <b>2021</b> , 1,	1
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300	Phosphorus-Doped Metal-Organic Framework-Derived CoS Nanoboxes with Improved Adsorption-Catalysis Effect for Li-S Batteries. <b>2021</b> , 13, 15226-15236	9
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298	Understanding and mitigating mechanical degradation in lithiumâBulfur batteries: additive manufacturing of Li2S composites and nanomechanical particle compressions. 1	2
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288	Tubular CoFeP@CN as a MottâBchottky Catalyst with Multiple Adsorption Sites for Robust LithiumâBulfur Batteries. <b>2021</b> , 11, 2100432		40
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282	Zinc Complex-Based Multifunctional Reactive Lithium Polysulfide Trapper Approaching Its Theoretical Efficiency. <b>2021</b> , 13, 23936-23944		1
281	Nitrogen and sulfur co-doped hierarchical porous carbon as functional sulfur host for lithium-sulfur batteries. <b>2021</b> , 27, 102312		1
280	Hollow Carbon Spheres Embedded with VN Quantum Dots as an Efficient Cathode Host for LithiumâBulfur Batteries. <b>2021</b> , 35, 10219-10226		4
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267	MOF-5-derived honeycomb structured mesoporous carbon with AlF3BH2O for high-stability lithium-sulfur battery cathode. <b>2021</b> , 27, 4761	
266	Rotten albumen derived layered carbon modified separator for enhancing performance of Li-S batteries. <b>2021</b> , 895, 115511	0
265	Achieving High-Performance Li-S Batteries via Polysulfide Adjoining Interface Engineering. <b>2021</b> , 13, 39435-39445	4
264	Investigation on Cycling and Calendar Aging Processes of 3.4 Ah Lithium-Sulfur Pouch Cells. <b>2021</b> , 13, 9473	1
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262	Hierarchical nMOF-867/MXene Nanocomposite for Chemical Adsorption of Polysulfides in LithiumâBulfur Batteries. <b>2021</b> , 4, 8231-8241	2
261	Poly(Ethylene Glycol-block-2-Ethyl-2-Oxazoline) as Cathode Binder in Lithium-Sulfur Batteries. <b>2021</b> , 10, 960-965	О
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241	Rechargeable metal (Li, Na, Mg, Al)-sulfur batteries: Materials and advances. <b>2021</b> , 61, 104-134	22
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237	Ultrahigh rate and high-performance lithium-sulfur batteries with resorcinol-formaldehyde xerogel derived highly porous carbon matrix as sulfur cathode host. <b>2021</b> , 425, 131521	2
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204	Correlations between Precipitation Reactions and Electrochemical Performance of LithiumâBulfur Batteries.		
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191	Application of Separators Modified by Carbon Nanospheres Enriched with \(\text{H}\)MoC1-x Nanocrystalline in Lithium Sulfur Batteries. <b>2020</b> , 35, 532	
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182	Operando characterization of active surface area and passivation effects on sulfur-carbon composites for lithium-sulfur batteries. <b>2022</b> , 403, 139572	2
181	High Energy Density Rechargeable Batteries Based on Li Metal Anodes. The Role of Unique Surface Chemistry Developed in Solutions Containing Fluorinated Organic Co-solvents. <b>2021</b> ,	10
180	Atomistic discharge studies of sulfurized-polyacrylonitrile through ab initio molecular dynamics. <b>2021</b> , 403, 139538	1
179	Efficient Magnesium Plating and Stripping in DOL/DME-Mg(HMDS)2-Based Electrolytes and Application in Mg/S Batteries.	1
178	Understanding the role of lithium bonds in doped graphene nanoribbons as cathode hosts for Li-S batteries: A first-principles study.	O
177	An integrated approach to configure rGO/VS4/S composites with improved catalysis of polysulfides for advanced lithiumâBulfur batteries. <b>2021</b> ,	1
176	Facile Synthesis of Carbon Nanospheres with High Capability to Inhale Selenium Powder for Electrochemical Energy Storage. <b>2021</b> , 14,	1
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170	Co,N-co-doped graphene sheet as a sulfur host for high-performance lithium-sulfur batteries <b>2022</b> , 12, 1375-1383	0
169	Molybdenum disulfide/polyaniline interlayer for lithium polysulphide trapping in lithium-sulphur batteries. <b>2022</b> , 521, 230945	1
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164	An encapsulating lithium-polysulfide electrolyte for practical lithiumâBulfur batteries. 2022,	13
163	In situ tailored strategy to remove capping agents from copper sulfide for building better lithiumâBulfur batteries.	2
162	Lithium Metal and Other Anodes. <b>2022</b> , 225-246	
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159	Integration of Desulfurization and Lithium-Sulfur Batteries Enabled by Amino- Functionalized Porous Carbon Nanofibers.	O
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