

CITATION REPORT

List of articles citing

Predicting the state of charge and health of batteries using data-driven machine learning

DOI: 10.1038/s42256-020-0156-7

Nature Machine Intelligence, 2020, 2, 161-170.

Source: <https://exaly.com/paper-pdf/76938546/citation-report.pdf>

Version: 2024-04-23

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
212	Machine learning for halide perovskite materials. 2020 , 78, 105380		27
211	Big data training data for artificial intelligence-based Li-ion diagnosis and prognosis. 2020 , 479, 228806		28
210	Battery digital twins: Perspectives on the fusion of models, data and artificial intelligence for smart battery management systems. 2020 , 1, 100016		76
209	Pathways towards high energy aqueous rechargeable batteries. 2020 , 424, 213521		26
208	Optimizing Discharge Efficiency of Reconfigurable Battery With Deep Reinforcement Learning. 2020 , 39, 3893-3905		1
207	A Taillight Matching and Pairing Algorithm for Stereo-Vision-Based Nighttime Vehicle-to-Vehicle Positioning. 2020 , 10, 6800		0
206	Data-Driven Analytics for Personalized Medical Decision Making. 2020 , 8, 1211		5
205	A Novel Internal Resistance Curve Based State of Health Method to Estimate Battery Capacity Fade and Resistance Rise. 2020 ,		0
204	A Deep Reinforcement Learning-Based Power Resource Management for Fuel Cell Powered Data Centers. 2020 , 9, 2054		2
203	Extensions of the External Validation for Checking Learned Model Interpretability and Generalizability. 2020 , 1, 100129		19
202	Time-Frequency Image Analysis and Transfer Learning for Capacity Prediction of Lithium-Ion Batteries. 2020 , 13, 5447		8
201	Event-Driven Coulomb Counting for Effective Online Approximation of Li-Ion Battery State of Charge. 2020 , 13, 5600		10
200	Effectiveness of PEMFC historical state and operating mode in PEMFC prognosis. 2020 , 45, 32355-32366		11
199	Battery pack recycling challenges for the year 2030: Recommended solutions based on intelligent robotics for safe and efficient disassembly, residual energy detection, and secondary utilization. 2021 , 3, e190		5
198	Stage of Charge Estimation of Lithium-Ion Battery Packs Based on Improved Cubature Kalman Filter With Long Short-Term Memory Model. 2021 , 7, 1271-1284		15
197	An Overview of Artificial Intelligence Applications for Power Electronics. 2021 , 36, 4633-4658		94
196	Application of a hybrid between Residual RNN and Regression Methods in Predicting Battery State of Health in Autonomous Aircrafts. 2021 ,		

195	Combining machine learning and high-throughput experimentation to discover photocatalytically active organic molecules. 2021 , 12, 10742-10754	15
194	Accelerating the Design of Automotive Catalyst Products Using Machine Learning. 2021 ,	
193	Intelligence-assisted predesign for the sustainable recycling of lithium-ion batteries and beyond.	9
192	An Automatic Weak Learner Formulation for Lithium-ion Battery State of Health Estimation. 2021 , 1-1	13
191	Elbows of Internal Resistance Rise Curves in Li-Ion Cells. 2021 , 14, 1206	5
190	The Application of Data-Driven Methods and Physics-Based Learning for Improving Battery Safety. 2021 , 5, 316-329	34
189	Prediction of State of Charge (SOC) of Battery Electric Vehicle. 104, 65-71	
188	Machine learning for advanced energy materials. 2021 , 3, 100049	27
187	Perspective Combining Physics and Machine Learning to Predict Battery Lifetime. 2021 , 168, 030525	39
186	A machine learning framework for early detection of lithium plating combining multiple physics-based electrochemical signatures. 2021 , 2, 100352	12
185	Refining State-of-Charge Estimation for Battery Energy Storage System using Historical Operating Data. 2021 ,	0
184	Analysis of Synthetic Voltage vs. Capacity Datasets for Big Data Li-ion Diagnosis and Prognosis. 2021 , 14, 2371	5
183	Leveraging Neural Networks and Genetic Algorithms to Refine Electrode Properties in Redox Flow Batteries. 2021 , 168, 050547	0
182	Artificial intelligence to support the integration of variable renewable energy sources to the power system. 2021 , 290, 116754	17
181	State of charge prediction of EV Li-ion batteries using EIS: A machine learning approach. 2021 , 223, 120116	24
180	Machine learning of materials design and state prediction for lithium ion batteries. 2021 , 37, 1-1	4
179	Performance Prediction and Optimization of the Air-Cooled Condenser in a Large-Scale Power Plant Using Machine Learning. 2021 , 9, 2100045	0
178	Voltage-temperature health feature extraction to improve prognostics and health management of lithium-ion batteries. 2021 , 223, 120114	19

177	Electrochemical Impedance Spectroscopy for All-Solid-State Batteries: Theory, Methods and Future Outlook. 2021 , 8, 1930-1947	36
176	A novel method for the modeling of the state of health of lithium-ion cells using machine learning for practical applications. 2021 , 219, 106900	7
175	Machine Learning Screening of Metal-Ion Battery Electrode Materials. 2021 , 13, 53355-53362	7
174	State-of-charge estimation of LiFePO ₄ batteries in electric vehicles: A deep-learning enabled approach. 2021 , 291, 116812	39
173	Modeling of Traction Batteries for Rail Applications Using Artificial Neural Networks. 2021 ,	0
172	Deep neural network battery charging curve prediction using 30 points collected in 10 min. 2021 , 5, 1521-1534	25
171	Lithium Battery SOH Monitoring and an SOC Estimation Algorithm Based on the SOH Result. 2021 , 14, 4506	5
170	A data-driven approach for capacity estimation of batteries based on voltage dependent health indicators. 2021 , 1983, 012115	
169	Deep imputation on large-scale drug discovery data. 2021 , 2, e31	3
168	A multi-timescale framework for state monitoring and lifetime prognosis of lithium-ion batteries. 2021 , 229, 120684	5
167	Applying Machine Learning to Rechargeable Batteries: From the Microscale to the Macroscale. 2021 , 60, 24354-24366	12
166	Python-based scikit-learn machine learning models for thermal and electrical performance prediction of high-capacity lithium-ion battery.	19
165	Applying Machine Learning to Rechargeable Batteries: From the Microscale to the Macroscale. 2021 , 133, 24558	0
164	Battery monitoring system using machine learning. 2021 , 40, 102741	4
163	Recovering large-scale battery aging dataset with machine learning. 2021 , 2, 100302	30
162	Machine Learning: An Advanced Platform for Materials Development and State Prediction in Lithium-Ion Batteries. 2021 , e2101474	14
161	Rapid High-Precision Diagnosis of the Capacity and Internal Resistance of Lithium-Ion Batteries Using Impedance Measurements. 2021 , 168, 090551	
160	Overview of recent progress in condition monitoring for insulated gate bipolar transistor modules: Detection, estimation, and prediction.	2

159	Statistical Learning for Accurate and Interpretable Battery Lifetime Prediction. 2021 , 168, 090547	2
158	A review of non-probabilistic machine learning-based state of health estimation techniques for Lithium-ion battery. 2021 , 300, 117346	19
157	A critical review of improved deep learning methods for the remaining useful life prediction of lithium-ion batteries. 2021 , 7, 5562-5574	27
156	A review of metrology in lithium-ion electrode coating processes. 2021 , 209, 109971	8
155	Capacity estimation of batteries: Influence of training dataset size and diversity on data driven prognostic models. 2021 , 216, 108048	6
154	State-of-health estimation for lithium-ion batteries by combining model-based incremental capacity analysis with support vector regression. 2022 , 239, 121986	9
153	Battery state estimation methods. 2021 , 125-156	0
152	Predicting adsorption ability of adsorbents at arbitrary sites for pollutants using deep transfer learning. 2021 , 7,	4
151	Recollection center location for end-of-life electric vehicle batteries using fleet size forecast: Scenario analysis for Germany. 2021 , 96, 260-265	4
150	Embedded Real-time Battery State-of-Charge Forecasting in Micro-Grid Systems. 2021 , 45, 100903	1
149	. 2021 , 9, 39154-39170	10
148	Fuel Cell Electric Vehicles: A Brief Review of Current Topologies and Energy Management Strategies. 2021 , 14, 252	49
147	Machine Learning-Based Optimal Cell Balancing Mechanism for Electric Vehicle Battery Management System. 2021 , 9, 132846-132861	2
146	Machine learning in materials design: Algorithm and application. 2020 , 29, 116103	11
145	Deep learning-based segmentation of lithium-ion battery microstructures enhanced by artificially generated electrodes. 2021 , 12, 6205	12
144	Data Analysis and Visualization Platform Design for Batteries Using Flask-Based Python Web Service. 2021 , 12, 187	0
143	State of health prediction of lithium-ion batteries based on machine learning: Advances and perspectives. 2021 , 24, 103265	12
142	Modeling, state of charge estimation, and charging of lithium-ion battery in electric vehicle: A review.	12

141	Efficient linear predictive model with short term features for lithium-ion batteries state of health estimation. 2021 , 44, 103409	0
140	BMS-driven onsite insolation charging infrastructure for electric vehicles. 2020 ,	
139	Estimating the State of Health of Lead-Acid Battery Using Feed-Forward Neural Network.	0
138	Key challenges for a large-scale development of battery electric vehicles: A comprehensive review. 2021 , 44, 103273	19
137	Sparse data machine learning for battery health estimation and optimal design incorporating material characteristics. 2021 , 118165	
136	Accelerated Stress Factors based Nonlinear Wiener Process Model for Lithium-ion Battery Prognostics. 2021 , 1-1	3
135	Application of Machine Learning in Battery: State of Charge Estimation Using Feed Forward Neural Network for Sodium-Ion Battery. 2022 , 3, 42-57	1
134	Synergetic effect of N/O functional groups and microstructures of activated carbon on supercapacitor performance by machine learning. 2022 , 521, 230968	4
133	State of health estimation for lithium-ion batteries based on temperature prediction and gated recurrent unit neural network. 2022 , 521, 230892	7
132	Machine learning in state of health and remaining useful life estimation: Theoretical and technological development in battery degradation modelling. 2022 , 156, 111903	4
131	A generalizable, data-driven online approach to forecast capacity degradation trajectory of lithium batteries. 2022 , 68, 548-555	2
130	A Combined Data-Model Method for State-of-Charge Estimation of Lithium-Ion Batteries. 2022 , 71, 1-11	2
129	A Fusion Method to Estimate the State-of-Health of Lithium-ion Batteries. 2021 ,	
128	LSTM-based Multi-Step SOC Forecasting of Battery Energy Storage in Grid Ancillary Services. 2021 ,	0
127	Two-dimensional Modeling and Analysis of Lithium-ion Cell for Electric Vehicle Application. 2021 ,	
126	The SOC Based Dynamic Charging Coordination of EVs in the PV-Penetrated Distribution Network Using Real-World Data. 2021 , 14, 8508	2
125	Improved battery cycle life prediction using a hybrid data-driven model incorporating linear support vector regression and Gaussian process regression.. 2022 ,	2
124	Accurate SOC prediction and monitoring of each cell in a battery pack considering various influencing factors. 2022 , 1-1	1

123	Towards autonomous high-throughput multiscale modelling of battery interfaces.	3
122	Reviewing machine learning of corrosion prediction in a data-oriented perspective. 2022 , 6,	2
121	Alternative combined co-estimation of state of charge and capacity for lithium-ion batteries in wide temperature scope. 2022 , 244, 123236	0
120	Predicting the lifetime of Lithium-Ion batteries: Integrated feature extraction and modeling through sequential Unsupervised-Supervised Projections (USP). 2022 , 252, 117510	0
119	Data Science-Based Battery Manufacturing Management. 2022 , 49-90	
118	Battery Degradation Modelling and Prediction with Combination of Machine Learning and Semi-empirical Methods. 2022 ,	1
117	A review of the recent progress in battery informatics. 2022 , 8,	4
116	Machine learning in energy storage materials.	2
115	Interpretable Machine Learning for Investigating Photoelectrochemical Properties of Cosensitizer-Based CH ₃ NH ₃ PbI ₃ /TiO ₂ Films in Water.	1
114	Data-driven automated robotic experiments accelerate discovery of multi-component electrolyte for rechargeable LiD ₂ batteries. 2022 , 100832	1
113	A machine learning-based framework for online prediction of battery ageing trajectory and lifetime using histogram data. 2022 , 526, 231110	2
112	Data-driven prediction of battery failure for electric vehicles.. 2022 , 25, 104172	1
111	Health and performance diagnostics in Li-ion batteries with pulse-injection-aided machine learning. 2022 , 315, 119005	0
110	Adaptive online capacity prediction based on transfer learning for fast charging lithium-ion batteries. 2022 , 248, 123537	3
109	Neural ordinary differential equations and recurrent neural networks for predicting the state of health of batteries. 2022 , 50, 104209	0
108	Early prediction of cycle life for lithium-ion batteries based on evolutionary computation and machine learning. 2022 , 51, 104376	0
107	Intelligent disassembly of electric-vehicle batteries: a forward-looking overview. 2022 , 182, 106207	1
106	Overview of batteries and battery management for electric vehicles. 2022 , 8, 4058-4084	9

105	On-line WSN SoC estimation using Gaussian Process Regression: An Adaptive Machine Learning Approach. 2022 , 61, 9831-9848	0
104	Remaining Useful Life Prediction of Lithium-Ion Battery Based on LSTM and GRU. 2021 ,	
103	Formulation and manufacturing optimization of lithium-ion graphite-based electrodes via machine learning. 2021 , 2, 100683	1
102	A Practical Data Driven Battery State of Health Estimation for Electric Vehicles. 2022 , 1-1	0
101	Battery health evaluation using a short random segment of constant current charging.. 2022 , 25, 104260	0
100	Towards unified machine learning characterization of lithium-ion battery degradation across multiple levels: A critical review. 2022 , 316, 119030	2
99	Novel informed deep learning-based prognostics framework for on-board health monitoring of lithium-ion batteries. 2022 , 315, 119011	0
98	Comparative study of incremental capacity curve determination methods for lithium-ion batteries considering the real-world situation. 2022 , 1-1	0
97	Theory-guided experimental design in battery materials research.. 2022 , 8, eabm2422	9
96	Secondary Structural Ensemble Learning Cluster for Estimating the State of Health of Lithium-Ion Batteries.	0
95	Feature Extraction from Charging Profiles for State of Health Estimation of Lithium-ion Battery. 2022 , 2184, 012024	
94	The machine learning in lithium-ion batteries: A review. 2022 , 141, 1-16	0
93	Multivariable Fractional Polynomials for lithium-ion batteries degradation models under dynamic conditions. 2022 , 52, 104903	0
92	Long Short-Term Memory Recurrent Neural Network for Estimating State of Charge of Energy Storage System for Grid Services.	
91	Machine-Learning-Assisted Prediction of Maximum Metal Recovery from Spent ZincManganese Batteries. 2022 , 10, 1034	1
90	Machine Learning Aided Predictions for Capacity Fade of Li-Ion Batteries. 2022 , 169, 050535	1
89	High-Throughput Synthesis of Thin Films for the Discovery of Energy Materials: A Perspective.	0
88	An Accurate and Interpretable Lifetime Prediction Method for Batteries using Extreme Gradient Boosting Tree and TreeExplainer. 2021 ,	0

87	State of charge, Remaining useful life and knee point estimation based on Artificial intelligence and Machine learning in lithium-ion EV batteries: A comprehensive review. 2022,	2
86	Modeling of discharge voltage for lithium-ion batteries through orthogonal experiments at subzero environment. 2022, 52, 105058	0
85	Battery state-of-charge estimation amid dynamic usage with physics-informed deep learning. 2022, 50, 718-729	7
84	State of health estimation for lithium-ion battery based on energy features. 2022, 124812	0
83	A Critical Review of Improved Deep Convolutional Neural Network for Multi-Timescale State Prediction of Lithium-Ion Batteries. 2022, 15, 5053	5
82	A review of deep learning approach to predicting the state of health and state of charge of lithium-ion batteries. 2022,	1
81	A Review on the Prediction of Health State and Serving Life of Lithium-Ion Batteries.	0
80	Understanding the mechanism of capacity increase during early cycling of commercial NMC/graphite lithium-ion batteries. 2022,	1
79	Toward Automated Computational Discovery of Battery Materials. 2200616	2
78	Flexible battery state of health and state of charge estimation using partial charging data and deep learning. 2022, 51, 372-381	7
77	Estimation of Online State of Charge and State of Health Based on Neural Network Model Banks Using Lithium Batteries. 2022, 22, 5536	0
76	Battery capacity trajectory prediction by capturing the correlation between different vehicles. 2022, 260, 125123	0
75	State of Health Estimation of Lithium-Ion Batteries from Charging Data: A Machine Learning Method. 2023, 707-719	0
74	Visualization-based prediction of dendritic copper growth in electrochemical cells using convolutional long short-term memory. 2022, 10, 100203	0
73	Precise and fast safety risk classification of lithium-ion batteries based on machine learning methodology. 2022, 548, 232064	2
72	Mechanically-based design of lithium-ion batteries: a perspective.	0
71	State of health estimation for lithium-ion batteries using geometric impedance spectrum features and recurrent Gaussian process regression. 2023, 262, 125514	0
70	A Machine Learning Framework for Li-Ion Battery Lifetime Prognostics. 2022,	0

69	A Dual-Input Neural Network for Online State-of-Charge Estimation of the Lithium-Ion Battery throughout Its Lifetime. 2022 , 15, 5933	0
68	Current Challenges in Efficient Lithium-Ion Batteries[Recycling: A Perspective. 2200099	2
67	Battery Materials Discovery and Smart Grid Management using Machine Learning.	0
66	Prediction of vanadium redox flow battery storage system power loss under different operating conditions: Machine learning based approach.	1
65	Deep Learning in the State of Charge Estimation for Li-Ion Batteries of Electric Vehicles: A Review. 2022 , 10, 912	1
64	Machine learning for a sustainable energy future.	2
63	Modeling and Simulation of a Commercial Lithium-Ion Battery with Charge Cycle Predictions. 2022 , 14, 14035	0
62	State-of-Health Prediction of Lithium-Ion Batteries Based on CNN-BiLSTM-AM. 2022 , 8, 155	1
61	Physics-Informed Recurrent Neural Networks with Fractional-Order Constraints for the State Estimation of Lithium-Ion Batteries. 2022 , 8, 148	1
60	Smart Battery Technology for Lifetime Improvement. 2022 , 8, 169	1
59	Sensitivity of Fractional-Order Recurrent Neural Network with Encoded Physics-Informed Battery Knowledge. 2022 , 6, 640	0
58	State of charge estimation of lithium-ion batteries with non-negligible outlier observations based on Student-t filter. 2022 , 55, 105825	0
57	Seq2Seq regression learning-based multivariate and multistep SOC forecasting of BESS in frequency regulation service. 2022 , 32, 100939	0
56	An adaptive capacity estimation approach for lithium-ion battery using 10-min relaxation voltage within high state of charge range. 2023 , 263, 125802	0
55	Enhanced capacity and thermal safety of lithium-ion battery graphite anodes with conductive binder. 2023 , 553, 232204	0
54	A hybrid DNN-KF model for real-time SOC estimation of lithium-ion batteries under different ambient temperatures. 2022 ,	0
53	An open access tool for exploring machine learning model choice for battery life cycle prediction. 10,	0
52	Electrochemical Modeling in a Building Blocks[Way. 2022 , 140419	0

51	Advances in Fine Structure Optimizations of Layered Transition-Metal Oxide Cathodes for Potassium-Ion Batteries. 2202861	0
50	A review on methods for state of health forecasting of lithium-ion batteries applicable in real-world operational conditions. 2023 , 57, 105978	0
49	Predicting the State Parameters of Lithium ion Batteries: The Race between Filter Based and Data Driven Approaches.	0
48	Remaining life prediction of lithium-ion batteries based on health management: A review. 2023 , 57, 106193	1
47	Machine learning for predicting battery capacity for electric vehicles. 2023 , 15, 100214	1
46	State of health estimation of lithium-ion batteries with a temporal convolutional neural network using partial load profiles. 2023 , 329, 120307	1
45	Uncertainty-aware and explainable machine learning for early prediction of battery degradation trajectory.	1
44	State of health estimation of lithium-ion battery with automatic feature extraction and self-attention learning mechanism. 2023 , 556, 232466	0
43	Data-driven design of carbon-based materials for high-performance flexible energy storage devices. 2023 , 556, 232522	0
42	A Review on The Application of Machine Learning To Predict The Battery State That Enables A Smart, Low-Cost, Self-Sufficient Drying And Storage System for Agricultural Purposes. 2022 ,	0
41	Robust Fuzzy Entropy-Based SOH Estimation for Different Lithium-Ion Battery Chemistries. 2022 ,	0
40	The explainable uncertainty in degradation process: a discovery from non-accelerated batteries degradation experiment. 2022 ,	0
39	Prediction of Battery Cycle Life Using Early-Cycle Data, Machine Learning and Data Management. 2022 , 8, 266	2
38	A Review of the Optimization and Control Techniques in the Presence of Uncertainties for the Energy Management of Microgrids. 2022 , 15, 9114	1
37	Artificial intelligence driven hydrogen and battery technologies [A review. 2022 , 126862	1
36	Accelerated design of electrodes for liquid metal battery by machine learning. 2023 ,	0
35	Learning-assisted Materials Development and Device Management in Batteries and Supercapacitors: Performance Comparison and Challenges.	0
34	Sensor data fusion in electrochemical applications: An overview and its application to electrochlorination monitoring. 2023 , 108128	0

- 33 Towards interactional management for power batteries of electric vehicles. **2023**, 13, 2036-2056 ○
- 32 Interpretable hybrid machine learning demystifies degradation of practical lithium-sulfur batteries. **2023**, ○
- 31 Fast and reliable calibration of thermal-physical model of lithium-ion battery: a sensitivity-based method. **2023**, 59, 106435 ○
- 30 A Review of Machine Learning Applications for Li-Ion Battery State Estimation in Electric Vehicles. **2022**, ○
- 29 A Review of Modern Machine Learning Techniques in the Prediction of Remaining Useful Life of Lithium-Ion Batteries. **2023**, 9, 13 4
- 28 Utilization of EV Charging Station in Demand Side Management Using Deep Learning Method. **2023**, 11, 8747-8760 ○
- 27 Machine learning for solid mechanics. **2023**, 33-45 ○
- 26 A novel hybrid model for lithium-ion batteries lifespan prediction with high accuracy and interpretability. **2023**, 61, 106728 ○
- 25 A review of machine learning state-of-charge and state-of-health estimation algorithms for lithium-ion batteries. **2023**, 9, 2993-3021 ○
- 24 Long Short-Term Memory Recurrent Neural Network for Estimating State of Charge of Energy Storage System for Grid Services. **2022**, ○
- 23 Early Prediction Method for Remaining Useful Life of Retired Batteries in Second-life Applications. **2022**, ○
- 22 Simultaneous prediction of impedance spectra and state for lithium-ion batteries from short-term pulses. **2023**, 449, 142218 ○
- 21 A data-driven method for predicting thermal runaway propagation of battery modules considering uncertain conditions. **2023**, 273, 127168 ○
- 20 The state-of-charge prediction of lithium-ion battery energy storage system using data-driven machine learning. **2023**, 34, 101020 ○
- 19 A comprehensive data-driven assessment scheme for power battery of large-scale electric vehicles in cloud platform. **2023**, 64, 107210 ○
- 18 Convolutional autoencoder-based SOH estimation of lithium-ion batteries using electrochemical impedance spectroscopy. **2023**, 60, 106680 ○
- 17 State of Health Estimation of Lithium-Ion Batteries in Electric Vehicles Based on Regional Capacity and LGBM. **2023**, 15, 2052 ○
- 16 High-efficient prediction of state of health for lithium-ion battery based on AC impedance feature tuned with Gaussian process regression. **2023**, 561, 232737 ○

- 15 Capacity estimation of lithium-ion batteries based on data aggregation and feature fusion via graph neural network. **2023**, 336, 120808 ○
- 14 Machine learning-inspired battery material innovation. **2023**, 2, 449-464 ○
- 13 A Survey on Battery State of Charge and State of Health Estimation Using Machine Learning and Deep Learning Techniques. **2023**, 355-367 ○
- 12 A Flexible deep convolutional neural network coupled with progressive training framework for online capacity estimation of lithium-ion batteries. **2023**, 397, 136575 ○
- 11 Cloud-based in-situ battery life prediction and classification using machine learning. **2023**, 57, 346-359 ○
- 10 State of Health Estimation and Remaining Useful Life Prediction for a Lithium-Ion Battery with a Two-Layer Stacking Regressor. **2023**, 16, 2313 1
- 9 Distilling universal activity descriptors for perovskite catalysts from multiple data sources via multi-task symbolic regression. ○
- 8 Pressure and polymer selections for solid-state batteries investigated with high-throughput simulations. **2023**, 4, 101328 ○
- 7 Battery data integrity and usability: Navigating datasets and equipment limitations for efficient and accurate research into battery aging. 11, ○
- 6 Survey on Battery Technologies and Modeling Methods for Electric Vehicles. **2023**, 9, 185 ○
- 5 Predicting thermodynamic stability of magnesium alloys in machine learning. **2023**, 223, 112111 ○
- 4 Lithium-Ion Battery Aging Analysis of an Electric Vehicle Fleet Using a Tailored Neural Network Structure. **2023**, 13, 4448 ○
- 3 Battery Capacity Trajectory Prediction with Multi-output Gaussian Process. **2022**, ○
- 2 Using Genetic Programming to Learn Behavioral Models of Lithium Batteries. **2023**, 461-474 ○
- 1 Machine learning integrated photocatalysis: progress and challenges. ○