

TESSERACT

q Lithium ion batteries



< Assemble !

Fr. | [Advanced search](#)

GENERAL TRENDS

Advanced Search


What are you interested in ?

🔍 Keyword(s) 

Or

Lithium ion batteries ▼


What **sector(s)** are you interested in ?

🔍 Keyword(s) 

Or

Sector of interest ▼


What **type of information** are you looking for in that sector ?

🔍 Keyword(s) 

Or

Informations of interest ▼


What **region(s)** do you want to focus on ?

🔍 Keyword(s) 

Or

South Korea ▼


What type of **organization(s)** are you interested in ?


🔍 Keyword(s) 

Or

Type of organizations ▼

What is the date range ?

Between 01 / 01 / 2019 

And 06 / 04 / 2019 

Your most common searches:

1 - Topic: Lithium ion batteries

Sector: Energy

Type of information: Market intelligence

Region: G20 countries

Type of organization: Businesses

Period: Between 01-01-2016 and 06-01-2019

2-Topic: Power grid

Sector: Energy

Type of information: Policy

Region: All

Type of organization: Governments

Period: All

Launch search

Clear all filters

Back to Tesseract

Français

Search Results

News	Governments	GCdocs	Publications	Datasets	Twitter
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We found 44 articles in international online news aggregator that correspond to your search criteria.

What sources do you want to focus on ?

Or

Choose a source

What country of publication are you interested in ?

Or

Choose a country

Is there another precise keyword you are looking for ?

Lithium mining superpowers seek riches as battery makers

The supply of lithium-ion batteries will need to jump more than 10-fold by 2030 ... or carmakers in those regions via their ...

Mining | 22h



Lithium Ion Battery Market Share will Grow US\$ 92 Billion by 2024

May 27, 2019 (Heraldkeeper via COMTEX) -- New York, May 27, 2019: The Lithium Ion Battery Market is expected to exceed ... Key players profiled in the report include Samsung SDI Co., Ltd. (South Korea ...

MarketWatch | 8d

Lithium Ion Battery Pack Market SWOT Analysis by Key Players (Panasonic, Samsung, Toshiba, Hitachi Chemical)

Asia-Pacific: India, China, Japan, South Korea, Indonesia, Singapore ... Global (United States, European Union and China) Lithium Ion Battery Pack Product Types In-Depth: , Series Battery Pack & ...

MarketWatch | 3d

Lithium Miners News For The Month Of May 2019

Lithium prices in May were mostly unchanged ... and is the only car manufacturer to have prospered in making batteries. South Korea's LG Chem came in at 10 percent while Samsung SDI had 5.5 ...

Seeking Alpha | 8d

Global Flat Lithium-ion (Li-ion) Battery Market 2019-2023| Increase in Recycling of Li-ion Batteries to Boost Growth| Technavio

Global flat lithium-ion (Li-ion) battery market: Increase in the recycling of Li-ion ... including China, India, Japan, South ...

SCNow | 6d



Commentary: Lithium ion batteries: the unknown killer lurking in your e-cigarettes

There are four main lithium ion battery manufacturers: Japan-based Sony and Panasonic, which provides batteries for Tesla, ...

Fort Worth Business Press | 10d



Search Results

News	Governments	GCdocs	Publications	Datasets	Twitter
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We found 27 pages on international governmental websites that correspond to your search criteria.

What country are you interested in ?

 Keyword(s)

Or

 Choose a country

Is there another precise keyword you are looking for ?

 Keyword(s)

Materials, manufacturing and construction science

<https://www.canada.ca/en/services/science/sciencesubjects/materialsmanufacturingconstructionsience.html>

May 30, 2019 ... and improved building regulations. High-performance Buildings program Support for deploying verified energy retrofit technologies in high-performance energy-efficient buildings. LiBTec industrial R&D group Industrial R&D initiative to develop and support the Canadian supply chain for **lithium-ion battery** applications. SNAP Composites industrial R&D group Collaboration

Carbon Nanoplatelet (CNP) Production from Exhaust CO2 Emissions | Natural Resources Canada

<https://www.nrcan.gc.ca/energy/science/programs-funding/eip/20428>

May 28, 2019 ... per day. Expected Results: In Phase II Carbon Upcycling intends to produce 10 tpm of graphitic nanoplatelets (GNPs) and enhanced fly ash (EFA) to create additives for the construction, polymers, **lithium ion battery** additives for the energy storage and renewable energy industries using its proprietary, patent-pending mechano-chemical exfoliation process.The

Small business export success charges battery development in Halifax

<https://www.international.gc.ca/world-monde/stories-histoires/2019/CPTPP-novonix.aspx?lang=eng>

May 8, 2019 ... at Dalhousie University uncovered worldwide demand for better research tools for rechargeable **lithium-ion battery** development. Chris Burns, co-founder, president and chief executive officer of Novonix “I had worked on particle physics projects and after my undergrad I was casting around for something interesting to do next,” says Burns. “I met with Jeff Dahn’s group

[More](#)

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We found more than 5000 documents on GCdocs that correspond to your search criteria.

Search Filters

Creation Date

All

D

W

M

Y

Last 3 days (56)

Last 2 weeks (209)

Last 2 months (553)

Last 6 months (2041)

Last 12 months (3589)

Last 3 years (7924)

Last 5 years (10657)

Older (343)

Content Type

Document (8303)

E-mail (2561)

Folder (8)

Blog Entry (1)

Wiki Page (1)

Size

All

S

M

L

< 100 (9)

< 1 K (9)

< 10 K (15)

< 100 K (1749)

< 1 M (5207)

< 10 M (9866)

< 100 M (10820)

Larger (55)

File Type

Adobe PDF (3315)

Microsoft Outlook (3214)

Microsoft Word (2238)

Microsoft Excel (1496)

Microsoft PowerPoint (446)

7 More...

Classification

... and Government Relations (2404)

...2 Management Partnerships (1551)

...nd Dissemination 20 years (799)

...t : 02 Executive Services (511)

... 02 Accounting Management (458)

Show More Filters

Select Action...

EA 9515-ES UNC Electrofuel Inc.- Lithiu...

... > EA 9515 REJECTED / WITHDRAWN INDUSTRY EN... - 96% - 1 Item - Admin, Admin (Admin) - 2019-03-20

CA 0741-83-M-458 UNC Lithium Battery EL...

Enterprise > ... > CA CANMET > CA 0741 PROJECT SELECTION - CASES - 96% - 1 Item - Admin, Admin (Admin) - 2019-03-19

EA 0721-94-1179 UNC ELECTROFUEL MANUFAC...

... > EA 0721 CONTRACT ADMINISTRATION - CASES - 96% - 2 Items - Admin, Admin (Admin) - 2019-03-20

EA 0721-89-9015 UNC ELECTROFUEL MANUFAC...

... > EA 0721 CONTRACT ADMINISTRATION - CASES - 96% - 1 Item - Admin, Admin (Admin) - 2019-03-20

EA 0734-M17 UNC Mountain Power Inc (BC)...

... > EA 0734 TRANSPORTATION CONTRIBUTION AGRE... - 96% - 1 Item - Admin, Admin (Admin) - 2019-03-20

CA 0741-88-R-004 UNC Characterization S...

Enterprise > ... > CA CANMET > CA 0741 PROJECT SELECTION - CASES - 96% - 1 Item - Admin, Admin (Admin) - 2019-03-19

EA 0721-85-7122 UNC ELECTROFUEL MANUFAC...

... > EA 0721 CONTRACT ADMINISTRATION - CASES - 96% - 3 Items - Admin, Admin (Admin) - 2019-03-20

EN 0081-04-681 UNC Mountain Power Inc (...)

Enterprise > ... > EN ENERGY > EN 0081 LEGAL DOCUMENTS - CASES - 96% - 1 Item - Admin, Admin (Admin) - 2019-03-20

EN 8831-2-1 UNC Steering Committee on t...

Enterprise > ... > EN ENERGY > EN 8831 ELECTRIC MOTOR VEHICLES - 95% - 1 Item - Admin, Admin (Admin) - 2019-03-20

Yes - Template (revised) - 2018-19 PERD...

Last updated: Feb 8 2018 Proposal Name: Modelling and comparison of **lithium ion batteries** and flow **batteries** for grid-scale energy storage applications. Contact: Merouane Khammar Collal Strategic Policy, Planning and Reporting > ... > PERD 2018 - 95% - 24 KB - Messi Ngabalinga, Yanne (ymessing) - 2018-06-25 - Hit Highlight - Find Similar

Potential cost reductions in EV lithium...

Potential cost reductions in EV **lithium-ion battery** packs Energy Smart Technologies & Advanced Transport Logan Goldie-Scot Claire Curry 15 September 2015 <#> This PowerPoint report aims Enterprise > ... > Bloomberg New Energy Finance (BNEF) - 95% - 1014 KB - Furlong, Brenna (bfurlong) - 2019-05-15 - Hit Highlight - Find Similar

European support for lithium-ion battery...

KEY CONSIDERATIONS AND MILESTONES In October 2017, the EC launched the European **Battery Alliance** with the aim of establishing a full value chain of **batteries** in Europe, with large-sca Enterprise > ... > Europe > European Union > Background Information - 95% - 24 KB - Ouellet, Samuel (samouell) - 2019-06-03 - Hit Highlight - Find Similar

Nano One lithium battery pilot project q...

Nano One **lithium battery** pilot project granted \$1.95 M from Government of Canada December 5, 2016 by Dr. Luc Duchesne. Nano One Materials Corp. (TSXV: NNO) announced today that it l Enterprise > ... > Clean Energy - background information > Batteries - 95% - 20 KB - Sinclair, Robert (rsindai) - 2017-04-13 - Hit Highlight - Find Similar

Building Lithium-Sulfur Batteries with P...

Research into **lithium-sulfur batteries** continues because they are seen as an improvement over current **lithium-ion battery** technology. So far, researchers have managed to develop a proto ... > Strategic scanning central repository > SSPED strategic scanning repository - 95% - 27 KB - Garcia, Jason (jasgarcia) - 2018-09-26 - Hit Highlight - Find Similar

Fully integrated lithium battery supplie...

Fully integrated **lithium battery** supplier poised for double digit growth Lara Smith | January 30, 2017 | No Comments In 2016, Electrovaya Inc. (TSX: EFL | OTCQX: ERLVF) ("Electrovaya") an Enterprise > ... > 9. Opportunity analysis, li-ion supply c... > Background material - 95% - 16 KB - Sinclair, Robert (rsindai) - 2017-02-21 - Hit Highlight - Find Similar

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We found 12 specialized publications that correspond to your search criteria.

What publication are you looking for ?

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Is there another precise keyword you are looking for ?

Relevancy



Document

**Emerging Storage Technologies 2017 _**
BloombergNEF.pdf
6 MB PDF

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Emerging Storage Technologies 2017

14 companies looking beyond lithium


Emerging Storage Technologies 2017 - 14 companies looking beyond lithium

Bloomberg New Energy Finance

KEY WORDS: lithium-ion battery, Companies, Venture capital, Redox flow batteries, Lead-acid Variants, Liquid-air energy storage

SUMMARY: Lithium-ion (Li-ion) batteries have been the technology of choice for both utility-scale and behind-the-meter storage to date. In part this is because they are well-suited for currently attractive applications, such as frequency regulation. But they are increasingly being deployed for longer duration applications, a segment much coveted by a number of alternative technologies. In this Reserch Note, we assess the various emerging technologies that could displace Li-ion, and the companies developing them.



**Lithium-Ion Batteries_ A 101 Guide _**
BloombergNEF.pdf
7 MB PDF

This document is for the exclusive use of ELIZABETH CAMACHO at (Reference number: 733095)

Lithium-Ion Batteries: A 101 Guide

March 25, 2019

Contents

- 1. A brief history
- 2. Geographies
- 3. Supply chain
- 4. Current state of technology
- 5. Demand segments
- 6. End of life batteries
- 7. Future technologies
- 8. Government action

\$176/kWh


Lithium-Ion Batteries: A 101 Guide

Bloomberg New Energy Finance

KEY WORDS: lithium-ion battery, Commodities, Supply chain, Current state of technology, Demand, End of life of batteries, Future technologies, Government action

SUMMARY: BloombergNEF's first review of lithium-ion batteries was as far back as August 2007, entitled "Why Battery Researchers Are Betting on Lithium." Most of our recent publications assume a base level of understanding of the technology and how the market has evolved over the last decade or so. This report is aimed at newer entrants to the sector, or old-timers looking for a refresher. It provides an overview of lithium-ion battery technology and the supply chain, and highlights BloombergNEF's work on these areas.



**Ensuring Safe Use of Lithium-Ion Batteries _**
BloombergNEF.pdf
7 MB PDF

This document is for the exclusive use of ELIZABETH CAMACHO at (Reference number: 733028)

Ensuring Safe Use of Lithium-Ion Batteries

February 27, 2019

Contents

- 1. Market update
- 2. Common causes and hazards
- 3. Preventing fires
- 4. Preventing fires: Design
- 5. Differences between products

21

Ensuring Safe Use of Lithium-Ion Batteries

Bloomberg New Energy Finance

KEY WORDS: lithium-ion battery, Hazards, Common causes, Prevention, Fires, Differences between products

SUMMARY: A number of fires at energy storage projects in South Korea have heightened concerns about the safety of lithium-ion technologies. There is risk an overreaction from policy-makers, regulators and other authorities could dramatically slow energy storage uptake globally. The continued development and enhancement of standards and testing criteria, and ensuring companies follow propre guidelines would be more appropriate.

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We found 5 specialized datasets that correspond to your search criteria.

What data format are you looking for ?

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Relevancy



Datasets

2019-05-15 - Long-Term Electric Vehicle Outlook 2019.xlsx

6 MB Excel Spreadsheet

Long-Term Electric Vehicle Outlook 2019

Bloomberg New Energy Finance

Date: May 15 2019

Description: This Excel includes the underlying data behind BloombergNEF's 2019 Long-Term Electric Vehicle Outlook.

Contains data for the U.S., China, Japan, Europe, India, S. Korea, Australia and the rest of the World. Example of data are: Global long-term passenger vehicle sales by drivetrain; Global EV and ICE share of long-term passenge; Annual lithium-ion battery demand; Annual passenger vehicle sales by region; etc.

Copy of 2017-08-17 - Emerging Storage Technologies 2017.xlsx

939 kB Excel Spreadsheet

Bloomberg New Energy Finance

Dataset: 2017 Emerging Storage Technologies: 14 Companies Looking Beyond Lithium

Date: 08 August 2017

Contact: James Frith
+44 2070502129
jfrith@bloomberg.net

Emerging Storage Technologies 2017

Bloomberg New Energy Finance

Date: August 8 2017

KEY WORDS: lithium-ion battery, Companies, Venture capital, Redox flow batteries, Lead-acid Variants, Liquid-air energy storage

SUMMARY: Lithium-ion (Li-ion) batteries have been the technology of choice for both utility-scale and behind-the-meter storage to date. In part this is because they are well-suited for currently attractive applications, such as frequency regulation. But they are increasingly being deployed for longer duration applications, a segment much coveted by a number of alternative technologies. In this Reserch Note, we assess the various emerging technologies that could displace Li-ion, and the companies developing them.

Copy of 2019-03-26 - Ensuring Safe Use of Lithium-Ion Batteries.xlsx

15 MB Excel Spreadsheet

BloombergNEF

Dataset: Ensuring Safe Use of Lithium-Ion Batteries

Date: 26 March 2019

Contact: Logan Gottle-Orck
Bloomberg Terminal: press +help key twice
support@nef@bloomberg.net

Description: Accompanying data to research note focused on ensuring the safe use of lithium-ion batteries in stationary energy storage applications.

Ensuring Safe Use of Lithium-Ion Batteries

Bloomberg New Energy Finance

KEY WORDS: lithium-ion battery, Hazards, Common causes, Prevention, Fires, Differences between products

SUMMARY: A number of fires at energy storage projects in South Korea have heightened concerns about the safety of lithium-ion technologies. There is risk an overreaction from policy-makers, regulators and other authorities could dramatically slow energy storage uptake globally. The continued development and enhancement of standards and testing criteria, and ensuring companies follow propre guidelines would be more appropriate.

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