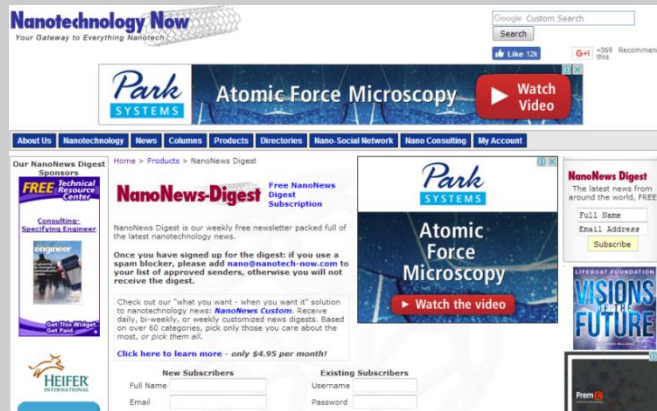


Home Page



Logo



URL

<http://www.nanotech-now.com/products/newsdigest/>

Subject

Nano technology – Digest

Accessibility

On subscription basis.

Language

English

Publisher

7th Wave, Inc

Brief History

Nano News Digest is a premier newsletter on nano-technology and its adjunct topics. From the year of 2001 online version archive is available.

Scope and Coverage

Nano News Digest Covering various discipline of future sciences such as Nanotechnology, Molecular Nanotechnology (MNT), Micro Electro Mechanical Systems (MEMS), Nano Electro Mechanical Systems (NEMS), Nano medicine, Nano biotechnology, Nano electronics, Nanofabrication, Computational Nanotechnology, Quantum Computers, and Artificial Intelligence.

Kind of Information

Nano News Digest provides nano science related articles. In this tool articles are available with its title, publication date, place of publication and abstract.

Source of the news article also available. An example is given below.

December 3rd, 2016

Novel Electrode Structure Provides New Promise for Lithium-Sulfur Batteries

(MADRID, SPAIN)

Possible Futures, Nanotubes/Buckyballs/Fullerenes, Discoveries, Announcements, Battery Technology/Capacitors/Generators/Piezoelectrics/Thermoelectrics/Energy storage, News and information, Blog sites



December 3rd, 2016

Novel Electrode Structure Provides New Promise for Lithium-Sulfur Batteries

Abstract:

Lithium-sulfur batteries (Li-S) can hold as much as five times the energy per unit mass that lithium-ion (Li-ion) batteries can. However, Li-S batteries suffer from the propensity for polysulfides to pass through the cathode, foul the electrolyte, then pass through to the other electrode, depleting it of sulfur after just a few charge-discharge cycles. This phenomenon is known as the “shuttle effect.”

Now researchers at the University of Texas at Austin have developed an electrode structure for a Li-S battery that makes use of coaxial polypyrrole-manganese dioxide (PPy-MnO₂) nanotubes. This novel electrode combats the shuttle effect by essentially encapsulating the electrodes with the nanotubes.

Source:

spectrum.ieee.org/

Special Features

- Nano social network, blog available.
- Contact and feedback option available with proper form.
- Links to social networking sites like Facebook, Twitter, Google+ and so on.
- Subscription direction available.

Arrangement Pattern

The article archives are arranged according to year wise then publication date wise.

Remarks

This digest was created to serve the information needs of business, government, academic, and public communities. And with the intention of becoming the most informative and current free collection of "nano" reference material. It serves future science related issues, news, events, and general information.

Comparable Tools

- **Open Medicine Digest (<https://blogs.biomedcentral.com/on-medicine/tag/open-medicine-digest/>)**
- **Biofuels Digest (<http://www.biofuelsdigest.com/>)**

Date of Access

April 13, 2017