


Subscribe



Clean Energy From Micro-Windmills? (Brainstorm Ep171)

qdragon1337 · 328 videos

8,524

789 views

Like

About Share Add to

Published on Jan 24, 2014

Help Jack Out! <http://www.gofundme.com/4wl2s0>


Follow us on Twitter

Show more

Brainstorm News

by qdragon1337


1



Using Skin Cells to Treat Diabetes (Brainstorm Ep173)

by qdragon1337


2



BioCrude From Engineered Yeast (Brainstorm Ep172)

by qdragon1337


3



Clean Energy From Micro-Windmills? (Brainstorm Ep171)

by qdragon1337


4



Making Vaccines On-Demand! (Brainstorm Ep170)

by qdragon1337

5




Secrets of Aging and Cancer In Gene

Become a Coach Today

by Sean Mize

4,281 views

Ad




How Hot Can It Get?

by Vsauce

3,572,989


FEATURED



BioCrude From Engineered Yeast (Brainstorm Ep172)

by qdragon1337


553 views



Super Strong Micro-Muscles! (Brainstorm Ep168)

by qdragon1337


807 views



Brainstorm Best of 2013 - Biotechnology

by qdragon1337


535 views



Using Skin Cells to Treat Diabetes (Brainstorm Ep173)

by qdragon1337


472 views



Is Warp Drive Physically Possible?

by Muon Ray


360,301 views



Focus Fusion: The Fastest Route to Cheap, Clean Energy

by GoogleTalksArchive


161,954 views



How its made Water Pumping Windmills

by worldnews33

5,317 views



Extremely Powerful Pure Clean Positive Energy - Raise Vibration

by GeniusBrainPower

1,515,678 views

Ceiling Fan to Wind generator conversion demo

by kurtscottage

138,028 views

Upload

jcchiao@uta.edu

Share your thoughts

Top comments

**ozmoroid**
1 month ago

I want an array of micro wind turbines!

Reply · 3

**artsysimone**
1 month ago

What would be REALLY cool is if they could incorporate them into a lawn mower, so you could generate power while cutting the lawn. LOL!

Reply ·

**kurtilein3**
1 month ago

the thing with wind turbines is that they scale really well. with 3 blades, the length of the blades is 3 times the radius of the circular surface they cover. and that surface area is proportional to  $r \times r$ . thats why they build them larger and larger. when you build them larger, the additional energy you get grows much faster than the additional amount of materials you need to build them, they get more efficient.

Reply · 3

**Octoschizare**
1 month ago

The micro wind turbines are interesting from a MEMS stand point, but I don't think there's any hope that they could ever come close to the power output of a photovoltaic device. The main problem is that the because of the shearing forces between a fluid and a surface, the velocity of the fluid at the surface is zero, and at a few millimeters above it will still be an incredibly small fraction of the wind velocity high above. This is why real wind turbines are placed so high up. The fabrication process would also be far more expensive than photovoltaic fabrication. The comments about charging real devices is just the shit the researchers say to get funding for the project.

Reply · 3

**Julian Poulton-King**
4 weeks ago

On the otherside larger turbines take larger winds to start working these small ones start with tiny amounts of wind and save a lot of energy as it basically doesn't need to be transported to the point of use.

Reply ·

**dxbrit@dr**
1 month ago

Liked segment 2!

Reply ·

**pe3er**
1 month ago

4:15 well sounds like a subitute for viagra

Reply ·

**tmarti69**
1 month ago

As always thanks for listening to our comments, I had a though about follicle stem cells. They can be created and implanted, but can only be randomly aligned. I was wondering if hydro gel could be injected as well to serve as a path of least resistance. Allowing the follicle to grow threw it as they mature. I sent you a YouTube mail posts about BCI devices. I hope you got it?

Reply ·

**Axel Schultz**
1 month ago

What is being said in the video, is in conflict with the text there! You don't know what should you do, read or listen! I told you this before but I see nothing changed. I think this confusion is also a problem for you not getting more views

Reply ·

**qdragon1337**
1 month ago

Reply · 1

9:37

**Making a bad 12 volt battery good again for under 5 dollars**  
by redicety12  
701,639 views

26:16

7:54

**Judges Lack Confidence in This Shy 14 Year Old Until She Starts**  
by Imryanang  
Recommended for you

1:29:31

**Crude - The Incredible Journey Of Oil**  
by FilmesJP  
24,088 views

5:36

**DRIVING A BARBIE TRUCK IN THE STREET**  
by SimplePickup2  
204,496 views

2:05

**Windbelt Micro-wind Generator**  
by SABubba  
32,979 views

6:33

**Could We Save in Real Life?**  
by Vsauce3  
1,069,796 views

4:50

**Charging a car battery with a micro PMG Generator /**  
by BrianEnergyCreator  
1,872 views

5:00

**Making Vaccines On-Demand! (Brainstorm Ep170)**  
by qdragon1337  
361 views

3:45

**Move Over Graphene, Tin Is In (Brainstorm Ep165)**  
by qdragon1337  
1,602 views

4:00

**Secrets of Aging and Cancer In Gene Networks (Brainstorm)**  
by qdragon1337  
504 views

Load more suggestions

[http://www.youtube.com/watch?v=3p\\_0\\_TVpPOI&feature=c4-overview-vl&list=PL892A...](http://www.youtube.com/watch?v=3p_0_TVpPOI&feature=c4-overview-vl&list=PL892A...) 2/26/2014

