## Review of: "Nano supercapacitor called (electrostatic) -- The total thickness of each < a i=4>electrostatic nanocapacitors only 25 nm"

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Potential competing interests: No potential competing interests to declare.

<u>Note:</u> Electrostatic nanocapacitors also benefit from a very short distance between their electrodes. Electrostatic nanocapacitors are unique in this respect. If the electrodes are far apart, like charges on their surface strongly repel each other. When the electrodes are placed closer together, the negative and positive charges on both sides balance these repulsive forces, and more total charge can be stored in a given area. a

The total thickness of each electrostatic nanocapacitor is only 25 nanometers, and they can be packed together many times. So far, arrays of electrostatic nanocapacitors cannot store much total energy because they are too small. . Electrostatic nanocapacitors contain billions of nanocapacitors to store large amounts of energy. Scaling up to a practically trivial level is not, but the pair works together to create larger arrays. In the structure, electrostatic nanocapacitors can effectively connect several arrays together. In general, nanoelectric supercapacitors can store large amounts of energy, but they tend to charge slowly and wear out quickly. Meanwhile, capacitors have a longer life and can be discharged quickly, but store much less total energy. To make nanostructured arrays of electrostatic capacitors. A nano supercapacitor can be created. Electrostatic nanocapacitors are the simplest type of electronic energy storage device. They store electrical charge on the surface of two metal electrodes separated by an insulating material. The storage capacity of the electric nano supercapacitor can be increased by using nanostructures to increase the level of energy storage. The electrodes of the nanoelectric supercapacitor work like the electrodes in regular capacitors, but instead of being flat, they are tubular and collect in the depth of nano cavities.

## Conclusion :

Electrostatic nanocapacitors also benefit from a very short distance between their electrodes, and electrostatic nanocapacitors are unique in this sense. If the electrodes are far apart, like charges on their surface strongly repel each other. When the electrodes are placed closer together, the negative and positive charges on both sides balance these repulsive forces, and more total charge can be stored in a given area.

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