

Review of: "Toward the Realization of Nanogate Capacitors: In Search of Practical Advice"

Majid Shaker¹

¹ University of Erlangen-Nuremberg

Potential competing interests: No potential competing interests to declare.

This article has an aim, but it is not clear what it wants to say. The story is hard to follow, and the contents are not perfect for this topic. This article needs major revisions, in my opinion.

What is "M. Okamura" in the Abstract?

There are no figures in this paper.

The authors should cite more references. Only 5 references for a paper are not enough.

What is "MS" in the first sentence of the introduction? Such abbreviations must be written in the full form for the first time in every text.

The authors mention that supercapacitors are bulky and expensive. How much bulky and expensive, then? It is necessary to use some numbers from corresponding references for this claim.

What is the full form of BDM?

I believe that a deep introduction about capacitors and EDLCs is not needed here.

The following sentence mentions "700°" of what?

"For the electrodes, carbons are used, which are calcinated from petroleum cokes, meso-phase carbons (pitches), at around 700°"

All the temperatures mentioned need a unit. Please check this.

The difference of ECaSS from EDLC should be elaborated with numbers. A qualitative comparison is not enough.