

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

Shang Wang¹

¹ Harbin Institute of Technology

Potential competing interests: No potential competing interests to declare.

This work is about nanogate capacitors. In this paper, the principles, uses, and broad application prospects of nanogate capacitors have been introduced in detail, demonstrating the author's unique views on nanogate capacitors. In addition, the possible application of the quickly charging capacitor in practical production is also given. This manuscript can provide guidance for the future development of nanogate capacitors. However, some details should be added.

1. Although the authors have introduced the theoretical content of nanogate capacitors in detail, the background, current applications, and limitations of nanogate capacitors should be supplemented.
2. What are the key advantages of nano-gate capacitors compared to existing commercial supercapacitors? Can they solve the problem that commercial supercapacitors have low energy density and are too bulky? It is recommended to give a detailed explanation.

Above all, this paper provides theoretical support for the development of nanogate capacitors. It would be better if the authors provide more information.