

# Review of: "Experimental Behavior of Solar Still Using Mixed Oxides Mn-Fe/Silicon Resin Composite as Selective Solar Absorber"

Masoud Abrari<sup>1</sup>

<sup>1</sup> Shahid Beheshti University

Potential competing interests: No potential competing interests to declare.

This study looks into the optical properties of a black pigment made of mixed Mn-Fe oxides synthesized using the precipitation method. The pigment is dispersed in silicone resin at various concentrations before being applied to float glass of varying thicknesses. The intention is to use this pigment in the design of a two-slope passive solar still. The absorbing surface and condensers are optimized to propose an efficient solar still design.

- Please expand the results and discussion section. The results are raw, and the interpretations are basic.
- Please provide the chemical/physical mechanism of the distiller.