

# Improvement of the aerodynamic behavior of a sport utility vehicle numerically by using some modifications and aerodynamic devices

*Elsayed Mohamed Tag Eldin ,Ahmed Al-Saadi, Khaled Al-Farhany, Kadhim K. Idan Al-Chlahawi, Wasim Jamshed, Mohamed R. Eid, El Sayed M. Tag El Din & Zehba Raizah*

## Abstract

<https://www.nature.com/articles/s41598-022-24328-w>

*Scientific Reports 2022, November*