

[Inici](#) > Fluid?structure interaction simulations outperform computational fluid dynamics in the description of thoracic aorta haemodynamics and in the differentiation of progressive dilation in Marfan syndrome patients

[Fluid?structure interaction simulations outperform computational fluid dynamics in the description of thoracic aorta haemodynamics and in the differentiation of progressive dilation in Marfan syndrome patients](#)

URL: <https://royalsocietypublishing.org/doi/10.1098/rsos.191752>

Authors: [Pons, R.](#) / [Guala, A.](#) / [Rodríguez-Palomares, J.](#) / [Cajas, J.](#) / [Dux-Santoy, L.](#) / [Teixidó-Tura, G.](#) / [Molins, J.](#) / [Vázquez, M.](#) / [Evangelista, A.](#) / [Martorell, J.](#)

Publication: Royal Society Open Science

Volume / Number: 7 / 2

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

Source URL (retrieved on 14 Mar 2025 - 00:53): <https://www.bsc.es/ca/research-and-development/publications/fluid%E2%80%93structure-interaction-simulations-outperform>