

Paul Mannion

List of Publications by Year in descending order

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9
papers

220
citations

1478505
6
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

172
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational fluid dynamics analysis of hand-cycle aerodynamics with static wheels: Sensitivity analyses and impact of wheel selection. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2019, , 175433711985348.	0.7	0
2	Impact of pilot and stoker torso angles in tandem para-cycling aerodynamics. Sports Engineering, 2019, 22, 1.	1.1	6
3	The impact of arm-crank position on the drag of a paralympic hand-cyclist. Computer Methods in Biomechanics and Biomedical Engineering, 2019, 22, 386-395.	1.6	12
4	Aerodynamics analysis of wheel configurations in Paralympic hand-cycling: A computational study. European Journal of Mechanics, B/Fluids, 2019, 76, 50-65.	2.5	4
5	On the effects of crosswinds in tandem aerodynamics: An experimental and computational study. European Journal of Mechanics, B/Fluids, 2019, 74, 68-80.	2.5	12
6	Improving CFD prediction of drag on Paralympic tandem athletes: influence of grid resolution and turbulence model. Sports Engineering, 2018, 21, 123-135.	1.1	29
7	Aerodynamic drag in competitive tandem para-cycling: Road race versus time-trial positions. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 179, 92-101.	3.9	21
8	Aerodynamic drag in cycling pelotons: New insights by CFD simulation and wind tunnel testing. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 179, 319-337.	3.9	112
9	Analysis of crosswind aerodynamics for competitive hand-cycling. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 180, 182-190.	3.9	24