

Harry Ngwangwa

List of Publications by Year in descending order

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11
papers

187
citations

1936888

4
h-index

1473754

9
g-index

17
all docs

17
docs citations

17
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstruction of road defects and road roughness classification using vehicle responses with artificial neural networks simulation. Journal of Terramechanics, 2010, 47, 97-111.	1.4	83
2	Reconstruction of road defects and road roughness classification using Artificial Neural Networks simulation and vehicle dynamic responses: Application to experimental data. Journal of Terramechanics, 2014, 53, 1-18.	1.4	47
3	Application of an ANN-based methodology for road surface condition identification on mining vehicles and roads. Journal of Terramechanics, 2014, 53, 59-74.	1.4	25
4	Experimental investigation into the effect of surface roughness and mechanical properties of 3D-printed titanium Ti-64 ELI after heat treatment. International Journal of Mechanical and Materials Engineering, 2021, 16, .	1.1	9
5	Calculation of road profiles by reversing the solution of the vertical ride dynamics forward problem. Cogent Engineering, 2020, 7, 1833819.	1.1	3
6	Corrosion Resistance of 3D-Printed Titanium Alloy Ti64-ELI Parts for Dental Application. Applied Bionics and Biomechanics, 2022, 2022, 1-8.	0.5	3
7	Stress validation of finite element model of a small-scale wind turbine blade. Journal of Energy in Southern Africa, 2019, 30, .	0.5	1
8	Biaxial Estimation of Biomechanical Constitutive Parameters of Passive Porcine Sclera Soft Tissue. Applied Bionics and Biomechanics, 2022, 2022, 1-11.	0.5	1
9	Determination of Cross-Directional and Cross-Wall Variations of Passive Biaxial Mechanical Properties of Rat Myocardia. Processes, 2022, 10, 629.	1.3	1
10	Assessment of structural damage using operational time responses and finite element simulation. Journal of Sound and Vibration, 2006, 296, 23-45.	2.1	0
11	Validating Road Profile Reconstruction Methodology Using ANN Simulation on Experimental Data. Conference Proceedings of the Society for Experimental Mechanics, 2011, , 345-357.	0.3	0