

Scott A Simson

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

199
citations

1478505

6
h-index

1872680

6
g-index

8
all docs

8
docs citations

8
times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	Wagon-track modelling and parametric study on rail corrugation initiation due to wheel stick-slip process on curved track. <i>Wear</i> , 2008, 265, 1193-1201.	3.1	62
2	Co-simulation of a mechatronic system using Gensys and Simulink. <i>Vehicle System Dynamics</i> , 2012, 50, 495-507.	3.7	31
3	Nonlinear three-dimensional wagon-track model for the investigation of rail corrugation initiation on curved track. <i>Vehicle System Dynamics</i> , 2007, 45, 113-132.	3.7	27
4	Rail Track Maintenance Planning: An Assessment Model. <i>Transportation Research Record</i> , 2000, 1713, 29-35.	1.9	26
5	Investigation of locomotive multibody modelling issues and results assessment based on the locomotive model acceptance procedure. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2013, 227, 453-468.	2.0	24
6	Development of a real-time bogie test rig model based on railway specialised multibody software. <i>Vehicle System Dynamics</i> , 2013, 51, 236-250.	3.7	23
7	Longitudinal Impact Forces at 3 Piece Bogie Center Bearings. , 2005, , 45.		3
8	Vehicle-Track Modelling for Rail Corrugation Initiation Investigation. , 2005, , 65.		3