

# Matin Sh Sichani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12164987/publications.pdf>

Version: 2024-02-01

7  
papers

269  
citations

1307594

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1720034

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docs citations

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158  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel method to model wheel-rail normal contact in vehicle dynamics simulation. <i>Vehicle System Dynamics</i> , 2014, 52, 1752-1764.	3.7	70
2	An alternative to FASTSIM for tangential solution of the wheel-rail contact. <i>Vehicle System Dynamics</i> , 2016, 54, 748-764.	3.7	65
3	Comparison of non-elliptic contact models: Towards fast and accurate modelling of wheel-rail contact. <i>Wear</i> , 2014, 314, 111-117.	3.1	33
4	Wheel life prediction model – an alternative to the FASTSIM algorithm for RCF. <i>Vehicle System Dynamics</i> , 2018, 56, 1051-1071.	3.7	32
5	Influence of wheel-rail contact modelling on vehicle dynamic simulation. <i>Vehicle System Dynamics</i> , 2015, 53, 1190-1203.	3.7	26
6	A fast wheel-rail contact model for application to damage analysis in vehicle dynamics simulation. <i>Wear</i> , 2016, 366-367, 123-130.	3.1	26
7	Differential wear modelling – Effect of weld-induced material inhomogeneity on rail surface quality. <i>Wear</i> , 2018, 406-407, 43-52.	3.1	17