Hammad Mazhar

List of Publications by Year
in descending order

8 papers	326 citations	1478505 6 h-index	1872680 6 g-index
8 all docs	8 docs citations	8 times ranked	284 citing authors

#	Article	IF	Citations
1	On Simulating Sloshing in Vehicle Dynamics. , 2018, , .		1
2	On the use of computational multi-body dynamics analysis in SLS-based 3D printing. Additive Manufacturing, 2016, 12, 291-295.	3.0	21
3	Chrono: An Open Source Multi-physics Dynamics Engine. Lecture Notes in Computer Science, 2016, , 19-49.	1.3	105
4	Using Nesterov's Method to Accelerate Multibody Dynamics with Friction and Contact. ACM Transactions on Graphics, 2015, 34, 1-14.	7.2	66
5	Parallel Computing in Multibody System Dynamics: Why, When, and How. Journal of Computational and Nonlinear Dynamics, 2014, 9, .	1.2	41
6	Leveraging parallel computing in multibody dynamics. Multibody System Dynamics, 2012, 27, 95-117.	2.7	55
7	A scalable parallel method for large collision detection problems. Multibody System Dynamics, 2011, 26, 37-55.	2.7	37
8	Enabling Computational Dynamics in Distributed Computing Environments Using a Heterogeneous Computing Template. , 2011, , .		0