

Hammad Mazhar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11082514/publications.pdf>

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