Vincent De Sapio

List of Publications by Year
in descending order

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10 papers	131 citations	1684188 5 h-index	1588992 8 g-index
10 all docs	10 docs citations	10 times ranked	87 citing authors

#	Article	IF	Citations
1	A methodology for controlling motion and constraint forces in holonomically constrained systems. Multibody System Dynamics, 2015, 33, 179-204.	2.7	7
2	An approach and implementation for coupling neurocognitive and neuromechanical models. , 2014, , .		1
3	An approach for goal-oriented neuromuscular control of digital humans in physics-based simulations. International Journal of Human Factors Modelling and Simulation, 2014, 4, 121.	0.2	7
4	Human Factors Simulation Using Demographically Tuned Biomechanical Models. Proceedings of the Human Factors and Ergonomics Society, 2014, 58, 944-948.	0.3	3
5	Task-Level Control of Motion and Constraint Forces in Holonomically Constrained Robotic Systems*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 14622-14629.	0.4	3
6	Multitask Constrained Motion Control Using a Mass-Weighted Orthogonal Decomposition. Journal of Applied Mechanics, Transactions ASME, 2010, 77, .	2.2	5
7	Mechanical Advantage: The Archimedean Tradition of Acquiring Geometric Insight form Mechanical Metaphor. History of Mechanism and Machine Science, 2010, , 493-506.	0.2	0
8	Least action principles and their application to constrained and task-level problems in robotics andÂbiomechanics. Multibody System Dynamics, 2008, 19, 303-322.	2.7	33
9	Task-level approaches for the control of constrained multibody systems. Multibody System Dynamics, 2006, 16, 73-102.	2.7	24
10	Simulating the task-level control of human motion: a methodology and framework for implementation. Visual Computer, 2005, 21, 289-302.	3.5	48