

# Vincent De Sapio

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10711788/publications.pdf>

Version: 2024-02-01

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