

Nicolas Van der Noot

List of Publications by Year in descending order

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10
papers

132
citations

2258059

3
h-index

2550090

3
g-index

10
all docs

10
docs citations

10
times ranked

115
citing authors

#	ARTICLE	IF	CITATIONS
1	Trajectory Planning of a Bio-inspired Walker in 3D Cluttered Environments using Internal Models. , 2020, , .		0
2	Neuromuscular model achieving speed control and steering with a 3D bipedal walker. Autonomous Robots, 2019, 43, 1537-1554.	4.8	11
3	Bio-inspired controller achieving forward speed modulation with a 3D bipedal walker. International Journal of Robotics Research, 2018, 37, 168-196.	8.5	38
4	Continuous Modulation of Step Height and Length in Bipedal Walking, Combining Reflexes and a Central Pattern Generator. , 2018, , .		3
5	Multi-physics modelling of a compliant humanoid robot. Multibody System Dynamics, 2017, 39, 95-114.	2.7	8
6	Bio-inspired balance controller for a humanoid robot. , 2016, , .		6
7	Bio-inspired walking for humanoid robots using feet with human-like compliance and neuromuscular control. , 2015, , .		11
8	Biped gait controller for large speed variations, combining reflexes and a central pattern generator in a neuromuscular model. , 2015, , .		46
9	Experimental validation of a bio-inspired controller for dynamic walking with a humanoid robot. , 2015, , .		8
10	Zero-Moment Point on a bipedal robot under bio-inspired walking control. , 2014, , .		1