

Philippe Soueres

List of Publications by Year in descending order

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papers

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16
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668
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Whole-Body Motion Generation Under Rigid Contacts and Other Unilateral Constraints. IEEE Transactions on Robotics, 2013, 29, 346-362.	10.3	177
2	A survey on sound source localization in robotics: From binaural to array processing methods. Computer Speech and Language, 2015, 34, 87-112.	4.3	114
3	Attitude and gyro bias estimation for a VTOL UAV. Control Engineering Practice, 2006, 14, 1511-1520.	5.5	91
4	Hybrid PVDF/PVDF- <i>graft</i> -PEGMA Membranes for Improved Interface Strength and Lifetime of PEDOT:PSS/PVDF/Ionic Liquid Actuators. ACS Applied Materials & Interfaces, 2015, 7, 19966-19977.	8.0	39
5	Walking to Grasp: Modeling of Human Movements as Invariants and an Application to Humanoid Robotics. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 880-893.	2.9	28
6	Adaptive synthesis of dynamically feasible full-body movements for the humanoid robot HRP-2 by flexible combination of learned dynamic movement primitives. Robotics and Autonomous Systems, 2017, 91, 270-283.	5.1	22
7	Generating human-like reaching movements with a humanoid robot: A computational approach. Journal of Computational Science, 2013, 4, 269-284.	2.9	19
8	Estimating the Center of Mass and the Angular Momentum Derivative for Legged Locomotion – A Recursive Approach. IEEE Robotics and Automation Letters, 2019, 4, 4155-4162.	5.1	11
9	A Mechanical Descriptor of Human Locomotion and its Application to Multi-Contact Walking in Humanoids. , 2018, , .		9
10	Benchmarking the HRP-2 Humanoid Robot During Locomotion. Frontiers in Robotics and AI, 2018, 5, 122.	3.2	8
11	Contact dynamics of massage compliant robotic arm and its coupled stability. , 2014, , .		6
12	Optimal Estimation of the Centroidal Dynamics of Legged Robots. , 2021, , .		3
13	Open Solution for Humanoid Attitude Estimation through Sensory Integration and Extended Kalman Filtering. Automatika, 2015, 56, 9-20.	2.0	2
14	Modeling of Coordinated Human Body Motion by Learning of Structured Dynamic Representations. Springer Tracts in Advanced Robotics, 2017, , 237-267.	0.4	2
15	Recursive Filtering of Kinetic and Kinematic Data for Center of Mass and Angular Momentum Derivative Estimation. Lecture Notes in Computational Vision and Biomechanics, 2020, , 398-410.	0.5	0