

# Philippe Soueres

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1947369/publications.pdf>

Version: 2024-02-01

15  
papers

636  
citations

1040056

9  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

668  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Estimation of the Centroidal Dynamics of Legged Robots. , 2021, , .		3
2	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
3	Estimating the Center of Mass and the Angular Momentum Derivative for Legged Locomotionâ€”A Recursive Approach. IEEE Robotics and Automation Letters, 2019, 4, 4155-4162.	5.1	11
4	Benchmarking the HRP-2 Humanoid Robot During Locomotion. Frontiers in Robotics and AI, 2018, 5, 122.	3.2	8
5	A Mechanical Descriptor of Human Locomotion and its Application to Multi-Contact Walking in Humanoids. , 2018, , .		9
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	Modeling of Coordinated Human Body Motion by Learning of Structured Dynamic Representations. Springer Tracts in Advanced Robotics, 2017, , 237-267.	0.4	2
8	Open Solution for Humanoid Attitude Estimation through Sensory Integration and Extended Kalman Filtering. Automatika, 2015, 56, 9-20.	2.0	2
9	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
10	Hybrid PVDF/PVDF- <i>graft</i> -PEGMA Membranes for Improved Interface Strength and Lifetime of PÉDOT:PSS/PVDF/Ionic Liquid Actuators. ACS Applied Materials & Interfaces, 2015, 7, 19966-19977.	8.0	39
11	Contact dynamics of massage compliant robotic arm and its coupled stability. , 2014, , .		6
12	Generating human-like reaching movements with a humanoid robot: A computational approach. Journal of Computational Science, 2013, 4, 269-284.	2.9	19
13	Dynamic Whole-Body Motion Generation Under Rigid Contacts and Other Unilateral Constraints. IEEE Transactions on Robotics, 2013, 29, 346-362.	10.3	177
14	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
15	Attitude and gyro bias estimation for a VTOL UAV. Control Engineering Practice, 2006, 14, 1511-1520.	5.5	91