

# Aikaterini Smyrli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8693453/publications.pdf>

Version: 2024-02-01

6  
papers

39  
citations

2682572

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2917675

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g-index

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all docs

6  
docs citations

6  
times ranked

25  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a passive biped robot digital twin using analysis, experiments, and a multibody simulation environment. Mechanism and Machine Theory, 2021, 163, 104346.	4.5	19
2	On the effect of semielliptical foot shape on the energetic efficiency of passive bipedal gait. , 2019, , .		6
3	A methodology for the incorporation of arbitrarily-shaped feet in passive bipedal walking dynamics. , 2020, , .		5
4	Efficient Stabilization of Zero-Slope Walking for Bipedal Robots Following Their Passive Fixed-Point Trajectories. , 2018, , .		4
5	A Generalized Model for Compliant Passive Bipedal Walking: Sensitivity Analysis and Implications on Bionic Leg Design. Journal of Biomechanical Engineering, 2021, 143, .	1.3	3
6	Modeling, Validation, and Design Investigation of a Passive Biped Walker with Knees and Biomimetic Feet. , 2022, , .		2