

# Dongwon Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7684329/publications.pdf>

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15  
papers

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1477746

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1473754

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docs citations

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times ranked

147  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Robust Impedance Controller Design for Series Elastic Actuators using the Singular Perturbation Theory. IEEE/ASME Transactions on Mechatronics, 2020, 25, 164-174.	3.7	18
2	Simple, robust control and synchronization of the Lorenz system. Nonlinear Dynamics, 2013, 73, 971-980.	2.7	16
3	The center of pressure and ankle muscle co-contraction in response to anterior-posterior perturbations. PLoS ONE, 2018, 13, e0207667.	1.1	15
4	Series elasticity for free free-space motion for free. , 2014, , .		11
5	Control and synchronization of the generalized Lorenz system with mismatched uncertainties using backstepping technique and time delay estimation. International Journal of Circuit Theory and Applications, 2017, 45, 1833-1848.	1.3	9
6	A new target for squamous cell skin cancer?. Experimental Dermatology, 2015, 24, 14-15.	1.4	7
7	Design and Analysis of an Origami-structured Actuator for Backdriveability and Power Amplification. IEEE/ASME Transactions on Mechatronics, 2019, 24, 1002-1010.	3.7	6
8	Compliant motion control for a compliant rehabilitation system. , 2015, , .		5
9	Robust control of a system with a pneumatic spring. Journal of the Franklin Institute, 2021, 358, 555-574.	1.9	4
10	Role of haptic cues in motor learning. , 2013, , .		2
11	The effect of haptic cues on motor and perceptual based implicit sequence learning. Frontiers in Human Neuroscience, 2014, 8, 130.	1.0	2
12	A Simple but Robust Impedance Controller for Series Elastic Actuators. , 2019, , .		2
13	Impedance control with structural compliance and a sensorless strategy for contact tasks. , 2017, , .		1
14	A computational scheme for internal models not requiring precise system parameters. PLoS ONE, 2019, 14, e0210616.	1.1	1
15	Analysis on an Origami-structured Actuator that Enhances Both Backdriveability and Power Amplification. , 2019, 2019, 1278-1282.		0