

# Donghyeon Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2721370/publications.pdf>

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15  
papers

226  
citations

1307594

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1372567

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docs citations

16  
times ranked

319  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time Image Processing for Microscopy-based Label-free Imaging Flow Cytometry in a Microfluidic Chip. Scientific Reports, 2017, 7, 11651.	3.3	62
2	Nylon mesh-based sample holder for fixed-target serial femtosecond crystallography. Scientific Reports, 2019, 9, 6971.	3.3	51
3	Boiling heat transfer and two-phase pressure drops within compact plate heat exchangers: Experiments and flow visualizations. International Journal of Heat and Mass Transfer, 2016, 94, 239-253.	4.8	35
4	Application of a high-throughput microcrystal delivery system to serial femtosecond crystallography. Journal of Applied Crystallography, 2020, 53, 477-485.	4.5	25
5	Viscous-medium-based crystal support in a sample holder for fixed-target serial femtosecond crystallography. Journal of Applied Crystallography, 2020, 53, 1051-1059.	4.5	22
6	Task Space Control of Articulated Robot Near Kinematic Singularity: Forward Dynamics Approach. IEEE Robotics and Automation Letters, 2020, 5, 752-759.	5.1	11
7	A Simple Approach to Characterize Gas-Aqueous Liquid Two-phase Flow Configuration Based on Discrete Solid-Liquid Contact Electrification. Scientific Reports, 2015, 5, 15172.	3.3	8
8	Hierarchical Motion Segmentation Through sEMG for Continuous Lower Limb Motions. IEEE Robotics and Automation Letters, 2019, 4, 4402-4409.	5.1	7
9	Arc-length based Two-step Robot Motion Teaching Method for Dynamic Tasks. , 2020, , .		2
10	Fully chip-embedded automation of a multi-step lab-on-a-chip process using a modularized timer circuit. Lab on A Chip, 2017, 17, 3891-3897.	6.0	1
11	Quadratic Programming-Based Task Scaling for Safe and Passive Robot Arm Teleoperation. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1937-1945.	5.8	1
12	Maximal Manipulation Framework using Quadratic Programming for a Teleoperated Robotic System with Articulated bodies. , 2022, , .		1
13	Robust Micro-Particle Manipulation in a Microfluidic Channel Network Using Gravity-Induced Pressure Actuators. , 2020, , .		0
14	Safety-oriented Teleoperation Framework for Contact-rich Tasks in Hazardous Workspaces. , 2021, , .		0
15	A Task Teaching Method for Pan-flipping to Collaborative Robot. , 2022, , .		0