

# Donghyuk Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7759690/publications.pdf>

Version: 2024-02-01

11  
papers

604  
citations

1040056

9  
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1281871

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11  
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11  
docs citations

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times ranked

1246  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single Cell Mechanotype and Associated Molecular Changes in Urothelial Cell Transformation and Progression. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 601376.	3.7	10
2	Computational cytometer based on magnetically modulated coherent imaging and deep learning. <i>Light: Science and Applications</i> , 2019, 8, 91.	16.6	21
3	Systems assessment of transcriptional regulation on central carbon metabolism by Cra and CRP. <i>Nucleic Acids Research</i> , 2018, 46, 2901-2917.	14.5	62
4	Enzyme-Free Nucleic Acid Amplification Assay Using a Cellphone-Based Well Plate Fluorescence Reader. <i>Analytical Chemistry</i> , 2018, 90, 690-695.	6.5	27
5	Characterizing posttranslational modifications in prokaryotic metabolism using a multiscale workflow. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11096-11101.	7.1	44
6	High-throughput physical phenotyping of cell differentiation. <i>Microsystems and Nanoengineering</i> , 2017, 3, 17013.	7.0	57
7	Homogeneous Entropy-Driven Amplified Detection of Biomolecular Interactions. <i>ACS Nano</i> , 2016, 10, 7467-7475.	14.6	54
8	Multi-omic data integration enables discovery of hidden biological regularities. <i>Nature Communications</i> , 2016, 7, 13091.	12.8	141
9	Research highlights: aptamers on a chip. <i>Lab on A Chip</i> , 2015, 15, 1630-1633.	6.0	5
10	Genome-wide Reconstruction of OxyR and SoxRS Transcriptional Regulatory Networks under Oxidative Stress in <i>Escherichia coli</i> K-12 MG1655. <i>Cell Reports</i> , 2015, 12, 1289-1299.	6.4	174
11	Research highlights: digital assays on chip. <i>Lab on A Chip</i> , 2015, 15, 17-22.	6.0	9