

# Dong-Guk Cho

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1498541/publications.pdf>

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8  
papers

148  
citations

1478505  
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docs citations

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times ranked

252  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping nanoscale effects of localized noise-source activities on photoconductive charge transports in polymer-blend films. <i>Nanotechnology</i> , 2018, 29, 205204.	2.6	3
2	Photoconductive noise microscopy revealing quantitative effect of localized electronic traps on the perovskite-based solar cell performance. <i>Nano Energy</i> , 2018, 43, 29-36.	16.0	16
3	Nanoscale anomalous noise source switching with a trap-free current transition in a PEDOT:PSS film. <i>Nanotechnology</i> , 2018, 29, 425704.	2.6	2
4	Quantitative electrophysiological monitoring of anti-histamine drug effects on live cells via reusable sensor platforms. <i>Biosensors and Bioelectronics</i> , 2017, 94, 707-713.	10.1	11
5	Nanoscale direct mapping of localized and induced noise sources on conducting polymer films. <i>Nanoscale</i> , 2016, 8, 835-842.	5.6	16
6	Detection of airborne viruses using electro-aerodynamic deposition and a field-effect transistor. <i>Scientific Reports</i> , 2015, 5, 17462.	3.3	14
7	Real-time monitoring of geosmin and 2-methylisoborneol, representative odor compounds in water pollution using bioelectronic nose with human-like performance. <i>Biosensors and Bioelectronics</i> , 2015, 74, 199-206.	10.1	80
8	Nanovesicle-based platform for the electrophysiological monitoring of aquaporin-4 and the real-time detection of its antibody. <i>Biosensors and Bioelectronics</i> , 2014, 61, 140-146.	10.1	6