

So Yeon Kim

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1996619/so-yeon-kim-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

692
citations

13
h-index

22
g-index

22
ext. papers

792
ext. citations

6.1
avg, IF

3.9
L-index

#	Paper	IF	Citations
22	Single molecules of the bacterial actin MreB undergo directed treadmilling motion in <i>Caulobacter crescentus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 10929-34	11.5	182
21	Probing enzymatic activity inside living cells using a nanowire-cell "sandwich" assay. <i>Nano Letters</i> , 2013 , 13, 153-8	11.5	83
20	Evaluation of the antioxidant activities and nutritional properties of ten edible plant extracts and their application to fresh ground beef. <i>Meat Science</i> , 2013 , 93, 715-22	6.4	68
19	Development of antioxidant packaging material by applying corn-zein to LLDPE film in combination with phenolic compounds. <i>Journal of Food Science</i> , 2012 , 77, E273-9	3.4	66
18	Reversible Regulation of Enzyme Activity by pH-Responsive Encapsulation in DNA Nanocages. <i>ACS Nano</i> , 2017 , 11, 9352-9359	16.7	54
17	Recent Advances in Developing Inhibitors for Hypoxia-Inducible Factor Prolyl Hydroxylases and Their Therapeutic Implications. <i>Molecules</i> , 2015 , 20, 20551-68	4.8	43
16	Probing the sequence of conformationally induced polarity changes in the molecular chaperonin GroEL with fluorescence spectroscopy. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 24517-25	3.4	24
15	Neuron-like differentiation of mesenchymal stem cells on silicon nanowires. <i>Nanoscale</i> , 2015 , 7, 17131-87.7		23
14	Inflammatory hypoxia induces syndecan-2 expression through IL-1 β -mediated FOXO3a activation in colonic epithelia. <i>FASEB Journal</i> , 2017 , 31, 1516-1530	0.9	22
13	Probing protein complexes inside living cells using a silicon nanowire-based pull-down assay. <i>Nanoscale</i> , 2016 , 8, 11380-4	7.7	22
12	Action of the chaperonin GroEL/ES on a non-native substrate observed with single-molecule FRET. <i>Journal of Molecular Biology</i> , 2010 , 401, 553-63	6.5	16
11	Protein Kinase C Isoforms Differentially Regulate Hypoxia-Inducible Factor-1 α Accumulation in Cancer Cells. <i>Journal of Cellular Biochemistry</i> , 2016 , 117, 647-58	4.7	16
10	Caspase-4 disaggregates lipopolysaccharide micelles via LPS-CARD interaction. <i>Scientific Reports</i> , 2019 , 9, 826	4.9	13
9	Polycaprolactone film functionalized with bacteriophage T4 promotes antibacterial activity of food packaging toward <i>Escherichia coli</i> . <i>Food Chemistry</i> , 2021 , 346, 128883	8.5	12
8	Development of a BTB/TBA ⁺ ion-paired dye-based CO ₂ indicator and its application in a multilayered intelligent packaging system. <i>Sensors and Actuators B: Chemical</i> , 2019 , 282, 359-365	8.5	12
7	Collective behaviors of mammalian cells on amine-coated silicon nanowires. <i>Nanotechnology</i> , 2013 , 24, 455704	3.4	9
6	Vertical nanocolumn-assisted pluripotent stem cell colony formation with minimal cell-penetration. <i>Nanoscale</i> , 2016 , 8, 18087-18097	7.7	9

- 5 The action of HIF-3 α variants on HIF-2 β -HIF-1 α heterodimer formation is directly probed in live cells. *Experimental Cell Research*, **2015**, 336, 329-37 4-2 7
- 4 Pyrithione Zn selectively inhibits hypoxia-inducible factor prolyl hydroxylase PHD3. *Biochemical and Biophysical Research Communications*, **2016**, 472, 313-8 3-4 4
- 3 Visualization of hypoxia-inducible factor 1 β 300 interactions in live cells by fluorescence resonance energy transfer. *Journal of Cellular Biochemistry*, **2014**, 115, 271-80 4-7 3
- 2 The ADP-ribose reactive NUDIX hydrolase isoforms can modulate HIF-1 α in cancer cells. *Biochemical and Biophysical Research Communications*, **2018**, 504, 321-327 3-4 2
- 1 Probing Physical Properties of the Cellular Membrane in Senescent Cells by Fluorescence Imaging. *Journal of Physical Chemistry B*, **2021**, 125, 10182-10194 3-4 2