

So Yeon Kim

List of Publications by Year in Descending Order

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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	Polycaprolactone film functionalized with bacteriophage T4 promotes antibacterial activity of food packaging toward Escherichia coli. <i>Food Chemistry</i> , 2021 , 346, 128883	8.5	12
21	Probing Physical Properties of the Cellular Membrane in Senescent Cells by Fluorescence Imaging. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 10182-10194	3.4	2
20	Caspase-4 disaggregates lipopolysaccharide micelles via LPS-CARD interaction. <i>Scientific Reports</i> , 2019 , 9, 826	4.9	13
19	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
18	The ADP-ribose reactive NUDIX hydrolase isoforms can modulate HIF-1 α in cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 504, 321-327	3.4	2
17	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
16	Reversible Regulation of Enzyme Activity by pH-Responsive Encapsulation in DNA Nanocages. <i>ACS Nano</i> , 2017 , 11, 9352-9359	16.7	54
15	Pyridithione Zn selectively inhibits hypoxia-inducible factor prolyl hydroxylase PHD3. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 472, 313-8	3.4	4
14	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
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	Vertical nanocolumn-assisted pluripotent stem cell colony formation with minimal cell-penetration. <i>Nanoscale</i> , 2016 , 8, 18087-18097	7.7	9
11	The action of HIF-3 α variants on HIF-2 α -HIF-1 α heterodimer formation is directly probed in live cells. <i>Experimental Cell Research</i> , 2015 , 336, 329-37	4.2	7
10	Neuron-like differentiation of mesenchymal stem cells on silicon nanowires. <i>Nanoscale</i> , 2015 , 7, 17131-8	7.7	23
9	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
8	Visualization of hypoxia-inducible factor 1 β 300 interactions in live cells by fluorescence resonance energy transfer. <i>Journal of Cellular Biochemistry</i> , 2014 , 115, 271-80	4.7	3
7	Collective behaviors of mammalian cells on amine-coated silicon nanowires. <i>Nanotechnology</i> , 2013 , 24, 455704	3.4	9
6	Probing enzymatic activity inside living cells using a nanowire-cell "sandwich" assay. <i>Nano Letters</i> , 2013 , 13, 153-8	11.5	83

5	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
4	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
3	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
2	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
1	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