

# So Yeon Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

878  
citations

567144

15  
h-index

677027

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1575  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 10929-10934.	3.3	195
2	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, 715-722.	2.7	94
3	Probing Enzymatic Activity inside Living Cells Using a Nanowire-Cell Sandwich Assay. <i>Nano Letters</i> , 2013, 13, 153-158.	4.5	92
4	Reversible Regulation of Enzyme Activity by pH-Responsive Encapsulation in DNA Nanocages. <i>ACS Nano</i> , 2017, 11, 9352-9359.	7.3	83
5	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.	1.5	75
6	Recent Advances in Developing Inhibitors for Hypoxia-Inducible Factor Prolyl Hydroxylases and Their Therapeutic Implications. <i>Molecules</i> , 2015, 20, 20551-20568.	1.7	58
7	Polycaprolactone film functionalized with bacteriophage T4 promotes antibacterial activity of food packaging toward <i>Escherichia coli</i> . <i>Food Chemistry</i> , 2021, 346, 128883.	4.2	34
8	Neuron-like differentiation of mesenchymal stem cells on silicon nanowires. <i>Nanoscale</i> , 2015, 7, 17131-17138.	2.8	33
9	Inflammatory hypoxia induces syndecan-2 expression through IL-1 $\beta$ -mediated FOXO3a activation in colonic epithelia. <i>FASEB Journal</i> , 2017, 31, 1516-1530.	0.2	28
10	Development of a BTBA <sup>-</sup> /TBA <sup>+</sup> ion-paired dye-based CO <sub>2</sub> indicator and its application in a multilayered intelligent packaging system. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 359-365.	4.0	28
11	Probing protein complexes inside living cells using a silicon nanowire-based pull-down assay. <i>Nanoscale</i> , 2016, 8, 11380-11384.	2.8	26
12	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, 24517-24525.	1.2	25
13	Caspase-4 disaggregates lipopolysaccharide micelles via LPS-CARD interaction. <i>Scientific Reports</i> , 2019, 9, 826.	1.6	24
14	Protein Kinase C Isoforms Differentially Regulate Hypoxia-Inducible Factor-1 $\alpha$ Accumulation in Cancer Cells. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 647-658.	1.2	20
15	Action of the Chaperonin GroEL/ES on a Non-native Substrate Observed with Single-Molecule FRET. <i>Journal of Molecular Biology</i> , 2010, 401, 553-563.	2.0	19
16	Collective behaviors of mammalian cells on amine-coated silicon nanowires. <i>Nanotechnology</i> , 2013, 24, 455704.	1.3	10
17	Vertical nanocolumn-assisted pluripotent stem cell colony formation with minimal cell-penetration. <i>Nanoscale</i> , 2016, 8, 18087-18097.	2.8	9
18	The action of HIF-3 $\alpha$ variants on HIF-2 $\alpha$ -HIF-1 $\alpha$ heterodimer formation is directly probed in live cells. <i>Experimental Cell Research</i> , 2015, 336, 329-337.	1.2	8

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19	Pyrrithione Zn selectively inhibits hypoxia-inducible factor prolyl hydroxylase PHD3. <i>Biochemical and Biophysical Research Communications</i> , 2016, 472, 313-318.	1.0	5
20	The ADP-ribose reactive NUDIX hydrolase isoforms can modulate HIF-1 $\alpha$ in cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 504, 321-327.	1.0	5
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.	1.2	4
22	Visualization of Hypoxia-inducible Factor 1 $\alpha$ -p300 Interactions in Live Cells by Fluorescence Resonance Energy Transfer. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 271-280.	1.2	3