

# Dongmin Kang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/477362/publications.pdf>

Version: 2024-02-01

20  
papers

1,657  
citations

840119

11  
h-index

752256

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

5187  
citing authors

#	ARTICLE	IF	CITATIONS
1	A host non-coding RNA, nc886, plays a pro-viral role by promoting virus trafficking to the nucleus. <i>Molecular Therapy - Oncolytics</i> , 2022, 24, 683-694.	2.0	7
2	Diclofenac: A Nonsteroidal Anti-Inflammatory Drug Inducing Cancer Cell Death by Inhibiting Microtubule Polymerization and Autophagy Flux. <i>Antioxidants</i> , 2022, 11, 1009.	2.2	10
3	Decoding the temporal nature of brain GR activity in the NF $\kappa$ B signal transition leading to depressive-like behavior. <i>Molecular Psychiatry</i> , 2021, 26, 5087-5096.	4.1	10
4	Endosomal mTORC2 Is Required for Phosphoinositide-Dependent AKT Activation in Platelet-Derived Growth Factor-Stimulated Glioma Cells. <i>Cancers</i> , 2021, 13, 2405.	1.7	11
5	A Basic Domain-Derived Tripeptide Inhibits MITF Activity by Reducing its Binding to the Promoter of Target Genes. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2459-2469.	0.3	6
6	Diclofenac impairs autophagic flux via oxidative stress and lysosomal dysfunction: Implications for hepatotoxicity. <i>Redox Biology</i> , 2020, 37, 101751.	3.9	49
7	CD99 $\alpha$ -PTPN12 Axis Suppresses Actin Cytoskeleton-Mediated Dimerization of Epidermal Growth Factor Receptor. <i>Cancers</i> , 2020, 12, 2895.	1.7	9
8	The Role of Hydrogen Peroxide and Peroxiredoxins throughout the Cell Cycle. <i>Antioxidants</i> , 2020, 9, 280.	2.2	36
9	Quantitative and qualitative analysis of autophagy flux using imaging. <i>BMB Reports</i> , 2020, 53, 241-247.	1.1	27
10	Improved dynamic monitoring of transcriptional activity during longitudinal analysis in the mouse brain. <i>Biology Open</i> , 2019, 8, .	0.6	2
11	Inactivation of the PtdIns(4)P phosphatase Sac1 at the Golgi by H <sub>2</sub> O <sub>2</sub> produced via Ca <sup>2+</sup> -dependent Duox in EGF-stimulated cells. <i>Free Radical Biology and Medicine</i> , 2019, 131, 40-49.	1.3	7
12	Bispecific anti-mPDGFR $\beta$ x cotinine scFv-C $\beta$ -scFv fusion protein and cotinine-duocarmycin can form antibody-drug conjugate-like complexes that exert cytotoxicity against mPDGFR $\beta$ expressing cells. <i>Methods</i> , 2019, 154, 125-135.	1.9	9
13	Control of the pericentrosomal H <sub>2</sub> O <sub>2</sub> level by peroxiredoxin I is critical for mitotic progression. <i>Journal of Cell Biology</i> , 2015, 210, 23-33.	2.3	72
14	Sestrins Activate Nrf2 by Promoting p62-Dependent Autophagic Degradation of Keap1 and Prevent Oxidative Liver Damage. <i>Cell Metabolism</i> , 2013, 17, 73-84.	7.2	415
15	Methods for detection and measurement of hydrogen peroxide inside and outside of cells. <i>Molecules and Cells</i> , 2010, 29, 539-549.	1.0	355
16	Fluorescein $\alpha$ -functionalized Silica Nanoparticles as a Selective Fluorogenic Chemosensor for Cu <sup>2+</sup> in Living Cells. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 843-847.	1.0	43
17	Inactivation of Peroxiredoxin I by Phosphorylation Allows Localized H <sub>2</sub> O <sub>2</sub> Accumulation for Cell Signaling. <i>Cell</i> , 2010, 140, 517-528.	13.5	542
18	Thymidine-functionalized silica nanotubes for selective recognition and separation of oligoadenosines. <i>Journal of Materials Chemistry</i> , 2010, 20, 2139.	6.7	14

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19	Au-Doped Magnetic Silica Nanotube for Binding of Cysteine-Containing Proteins. <i>Chemistry of Materials</i> , 2008, 20, 3809-3813.	3.2	20
20	Biosynthetic Enzymes of Tetrahydrolimpterin from Green Sulfur Bacterium <i>Chlorobium limicola</i> . <i>Pteridines</i> , 1998, 9, 69-84.	0.5	13