

Dongmin Kang

List of Publications by Year in descending order

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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	Inactivation of Peroxiredoxin I by Phosphorylation Allows Localized H ₂ O ₂ Accumulation for Cell Signaling. <i>Cell</i> , 2010, 140, 517-528.	13.5	542
2	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
3	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
4	Control of the pericentrosomal H ₂ O ₂ level by peroxiredoxin I is critical for mitotic progression. <i>Journal of Cell Biology</i> , 2015, 210, 23-33.	2.3	72
5	Diclofenac impairs autophagic flux via oxidative stress and lysosomal dysfunction: Implications for hepatotoxicity. <i>Redox Biology</i> , 2020, 37, 101751.	3.9	49
6	Fluorescein-Functionalized Silica Nanoparticles as a Selective Fluorogenic Chemosensor for Cu ²⁺ in Living Cells. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 843-847.	1.0	43
7	The Role of Hydrogen Peroxide and Peroxiredoxins throughout the Cell Cycle. <i>Antioxidants</i> , 2020, 9, 280.	2.2	36
8	Quantitative and qualitative analysis of autophagy flux using imaging. <i>BMB Reports</i> , 2020, 53, 241-247.	1.1	27
9	Au-Doped Magnetic Silica Nanotube for Binding of Cysteine-Containing Proteins. <i>Chemistry of Materials</i> , 2008, 20, 3809-3813.	3.2	20
10	Thymidine-functionalized silica nanotubes for selective recognition and separation of oligoadenosines. <i>Journal of Materials Chemistry</i> , 2010, 20, 2139.	6.7	14
11	Biosynthetic Enzymes of Tetrahydrolimpterin from Green Sulfur Bacterium <i>Chlorobium Limicola</i> . <i>Pteridines</i> , 1998, 9, 69-84.	0.5	13
12	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
13	Decoding the temporal nature of brain GR activity in the NF κ B signal transition leading to depressive-like behavior. <i>Molecular Psychiatry</i> , 2021, 26, 5087-5096.	4.1	10
14	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
15	Bispecific anti-mPDGFR β x cotinine scFv-C β -scFv fusion protein and cotinine-duocarmycin can form antibody-drug conjugate-like complexes that exert cytotoxicity against mPDGFR β expressing cells. <i>Methods</i> , 2019, 154, 125-135.	1.9	9
16	CD99-PTPN12 Axis Suppresses Actin Cytoskeleton-Mediated Dimerization of Epidermal Growth Factor Receptor. <i>Cancers</i> , 2020, 12, 2895.	1.7	9
17	Inactivation of the PtdIns(4)P phosphatase Sac1 at the Golgi by H ₂ O ₂ produced via Ca ²⁺ -dependent Duox in EGF-stimulated cells. <i>Free Radical Biology and Medicine</i> , 2019, 131, 40-49.	1.3	7
18	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

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19	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
20	Improved dynamic monitoring of transcriptional activity during longitudinal analysis in the mouse brain. <i>Biology Open</i> , 2019, 8, .	0.6	2