Yong Tae Kwon

List of Publications by Year in descending order

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84	11,099	94433 37	51608 86
papers	citations	h-index	g-index

87	87	87	20196
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The AUTOTAC chemical biology platform for targeted protein degradation via the autophagy-lysosome system. Nature Communications, 2022, 13, 904.	12.8	92
2	SQSTM1/p62 as a therapeutic target in cancer. , 2022, 1, 70-74.		1
3	Chemical modulation of SQSTM1/p62-mediated xenophagy that targets a broad range of pathogenic bacteria. Autophagy, 2022, 18, 2926-2945.	9.1	15
4	Targeted protein degradation via the autophagy-lysosome system: AUTOTAC (AUTOphagy-TArgeting) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	9.1	10
5	UBR7 functions with UBR5 in the Notch signaling pathway and is involved in a neurodevelopmental syndrome with epilepsy, ptosis, and hypothyroidism. American Journal of Human Genetics, 2021, 108, 134-147.	6.2	15
6	Dutomycin Induces Autophagy and Apoptosis by Targeting the Serine Protease Inhibitor SERPINB6. ACS Chemical Biology, 2021, 16, 360-370.	3.4	5
7	p62-Induced Cancer-Associated Fibroblast Activation via the Nrf2-ATF6 Pathway Promotes Lung Tumorigenesis. Cancers, 2021, 13, 864.	3.7	25
8	Photodynamic Therapy as a Potent Radiosensitizer in Head and Neck Squamous Cell Carcinoma. Cancers, 2021, 13, 1193.	3.7	11
9	Phosphorylation of Î²â€catenin Ser60 by poloâ€like kinase 1 drives the completion of cytokinesis. EMBO Reports, 2021, 22, e51503.	4.5	7
10	p62/SQSTM1-induced caspase-8 aggresomes are essential for ionizing radiation-mediated apoptosis. Cell Death and Disease, 2021, 12, 997.	6.3	14
11	The N-terminal cysteine is a dual sensor of oxygen and oxidative stress. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	24
12	Inhibition of osteoclasts differentiation by CDC2-induced NFATc1 phosphorylation. Bone, 2020, 131, 115153.	2.9	11
13	Regulation of reticulophagy by the N-degron pathway. Autophagy, 2020, 16, 373-375.	9.1	15
14	CPPF, A Novel Microtubule Targeting Anticancer Agent, Inhibits the Growth of a Wide Variety of Cancers. International Journal of Molecular Sciences, 2020, 21, 4800.	4.1	3
15	Site-specific ubiquitination of pathogenic huntingtin attenuates its deleterious effects. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18661-18669.	7.1	18
16	Excess of the NF-Ä¸B p50 subunit generated by the ubiquitin ligase KPC1 suppresses tumors via PD-L1â€“ and chemokines-mediated mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29823-29831.	7.1	18
17	Wnt3a Stimulation Promotes Primary Ciliogenesis through Î²-Catenin Phosphorylation-Induced Reorganization of Centriolar Satellites. Cell Reports, 2020, 30, 1447-1462.e5.	6.4	32
18	Ferroptotic agentâ€induced endoplasmic reticulum stress response plays a pivotal role in the autophagic process outcome. Journal of Cellular Physiology, 2020, 235, 6767-6778.	4.1	26

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19	The N-Degron Pathway Mediates ER-phagy. Molecular Cell, 2019, 75, 1058-1072.e9.	9.7	96
20	Cep131 overexpression promotes centrosome amplification and colon cancer progression by regulating Plk4 stability. Cell Death and Disease, 2019, 10, 570.	6.3	23
21	Monitoring stress-induced autophagic engulfment and degradation of the 26S proteasome in mammalian cells. Methods in Enzymology, 2019, 619, 337-366.	1.0	3
22	Diverse fate of ubiquitin chain moieties: The proximal is degraded with the target, and the distal protects the proximal from removal and recycles. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7805-7812.	7.1	48
23	Mechanism of the natural product moracin-O derived MO-460 and its targeting protein hnRNPA2B1 on HIF-1Î± inhibition. Experimental and Molecular Medicine, 2019, 51, 1-14.	7.7	22
24	Erastin Inhibits Septic Shock and Inflammatory Gene Expression via Suppression of the NF-ÎºB Pathway. Journal of Clinical Medicine, 2019, 8, 2210.	2.4	45
25	Mechanistic insight into the regulation of SQSTM1/p62. Autophagy, 2019, 15, 735-737.	9.1	18
26	Enhanced anticancer effects of a methylation inhibitor by inhibiting a novel DNMT1 target, CEP 131, in cervical cancer. BMB Reports, 2019, 52, 342-347.	2.4	7
27	N-terminal arginylation generates a bimodal degron that modulates autophagic proteolysis. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2716-E2724.	7.1	56
28	Crosstalk Between Apoptosis and Autophagy Is Regulated by the Arginylated BiP/Beclin-1/p62 Complex. Molecular Cancer Research, 2018, 16, 1077-1091.	3.4	35
29	A novel tubulin inhibitor STK899704 induces tumor regression in DMBA/TPA-induced skin carcinogenesis model. Experimental Dermatology, 2018, 27, 285-288.	2.9	2
30	Regulation of autophagic proteolysis by the N-recognin SQSTM1/p62 of the N-end rule pathway. Autophagy, 2018, 14, 359-361.	9.1	36
31	The endoplasmic reticulumâ€“residing chaperone BiP is short-lived and metabolized through N-terminal arginylation. Science Signaling, 2018, 11, .	3.6	38
32	Phosphorylation of human enhancer filamentation 1 (HEF1) stimulates interaction with Polo-like kinase 1 leading to HEF1 localization to focal adhesions. Journal of Biological Chemistry, 2018, 293, 847-862.	3.4	6
33	ZZ-dependent regulation of p62/SQSTM1 in autophagy. Nature Communications, 2018, 9, 4373.	12.8	76
34	The N-recognin UBR4 of the N-end rule pathway is required for neurogenesis and homeostasis of cell surface proteins. PLoS ONE, 2018, 13, e0202260.	2.5	20
35	PARK7 modulates autophagic proteolysis through binding to the N-terminally arginylated form of the molecular chaperone HSPA5. Autophagy, 2018, 14, 1870-1885.	9.1	23
36	The N-recognin UBR4 of the N-end rule pathway is targeted to and required for the biogenesis of the early endosome. Journal of Cell Science, 2018, 131, .	2.0	9

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37	Peptide nucleic acid (PNA) probeâ€based analysis to detect filaggrin mutations in atopic dermatitis patients. Experimental Dermatology, 2018, 27, 1304-1308.	2.9	5
38	Doxorubicin delivered by a redox-responsive dasatinib-containing polymeric prodrug carrier for combination therapy. Journal of Controlled Release, 2017, 258, 43-55.	9.9	95
39	Monoubiquitination joins polyubiquitination as an esteemed proteasomal targeting signal. BioEssays, 2017, 39, 1700027.	2.5	34
40	Gliomaâ€derived cancer stem cells are hypersensitive to proteasomal inhibition. EMBO Reports, 2017, 18, 150-168.	4.5	29
41	The Ubiquitin Code in the Ubiquitin-Proteasome System and Autophagy. Trends in Biochemical Sciences, 2017, 42, 873-886.	7.5	525
42	p62/SQSTM1/Sequestosome-1 is an N-recognin of the N-end rule pathway which modulates autophagosome biogenesis. Nature Communications, 2017, 8, 102.	12.8	178
43	Protein Quality Control by Molecular Chaperones in Neurodegeneration. Frontiers in Neuroscience, 2017, 11, 185.	2.8	245
44	Anticancer activity of a novel small molecule tubulin inhibitor STK899704. PLoS ONE, 2017, 12, e0173311.	2.5	32
45	Crosstalk and Interplay between the Ubiquitin-Proteasome System and Autophagy. Molecules and Cells, 2017, 40, 441-449.	2.6	201
46	Numerous proteins with unique characteristics are degraded by the 26S proteasome following monoubiquitination. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4639-47.	7.1	127
47	Secretory TRAIL-Armed Natural Killer Cellâ€“Based Therapy: In Vitro and In Vivo Colorectal Peritoneal Carcinomatosis Xenograft. Molecular Cancer Therapeutics, 2016, 15, 1591-1601.	4.1	10
48	p62- and ubiquitin-dependent stress-induced autophagy of the mammalian 26S proteasome. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7490-E7499.	7.1	205
49	TRAILâ€Induced Caspase Activation Is a Prerequisite for Activation of the Endoplasmic Reticulum Stressâ€Induced Signal Transduction Pathways. Journal of Cellular Biochemistry, 2016, 117, 1078-1091.	2.6	11
50	Cancer Stem Cells Protect Nonâ€Stem Cells From Anoikis: Bystander Effects. Journal of Cellular Biochemistry, 2016, 117, 2289-2301.	2.6	32
51	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
52	Modulation of SQSTM1/p62 activity by N-terminal arginylation of the endoplasmic reticulum chaperone HSPA5/GRP78/BiP. Autophagy, 2016, 12, 426-428.	9.1	23
53	Amino-terminal arginylation targets endoplasmic reticulum chaperone BiP for autophagy through p62Âbinding. Nature Cell Biology, 2015, 17, 917-929.	10.3	198
54	Degradation of misfolded proteins in neurodegenerative diseases: therapeutic targets and strategies. Experimental and Molecular Medicine, 2015, 47, e147-e147.	7.7	650

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55	PEGylated Fmocâ€“Amino Acid Conjugates as Effective Nanocarriers for Improved Drug Delivery. Molecular Pharmaceutics, 2015, 12, 1680-1690.	4.6	14
56	KPC1-Mediated Ubiquitination and Proteasomal Processing of NF-Îº B1 p105 to p50 Restricts Tumor Growth. Cell, 2015, 161, 333-347.	28.9	89
57	Hypoxia Promotes Synergy between Mitomycin C and Bortezomib through a Coordinated Process of Bcl-xL Phosphorylation and Mitochondrial Translocation of p53. Molecular Cancer Research, 2015, 13, 1533-1543.	3.4	6
58	Molecular mechanisms controlling asymmetric and symmetric self-renewal of cancer stem cells. Journal of Analytical Science and Technology, 2015, 6, 28.	2.1	44
59	HSP90 inhibitor NVP-AUY922 enhances TRAIL-induced apoptosis by suppressing the JAK2-STAT3-Mcl-1 signal transduction pathway in colorectal cancer cells. Cellular Signalling, 2015, 27, 293-305.	3.6	41
60	Amino-terminal arginylation as a degradation signal for selective autophagy. BMB Reports, 2015, 48, 487-488.	2.4	14
61	Oligomycin A enhances apoptotic effect of TRAIL through CHOPâ€mediated death receptor 5 expression. Molecular Carcinogenesis, 2013, 52, 85-93.	2.7	16
62	UBR box N-recognin-4 (UBR4), an N-recognin of the N-end rule pathway, and its role in yolk sac vascular development and autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3800-3805.	7.1	74
63	The N-end rule proteolytic system in autophagy. Autophagy, 2013, 9, 1100-1103.	9.1	27
64	Characterization of Arginylation Branch of N-end Rule Pathway in G-protein-mediated Proliferation and Signaling of Cardiomyocytes. Journal of Biological Chemistry, 2012, 287, 24043-24052.	3.4	45
65	The N-End Rule Pathway. Annual Review of Biochemistry, 2012, 81, 261-289.	11.1	326
66	UBR2 of the N-End Rule Pathway Is Required for Chromosome Stability via Histone Ubiquitylation in Spermatocytes and Somatic Cells. PLoS ONE, 2012, 7, e37414.	2.5	32
67	The N-end rule pathway: emerging functions and molecular principles of substrate recognition. Nature Reviews Molecular Cell Biology, 2011, 12, 735-747.	37.0	175
68	c-Cbl-mediated degradation of TRAIL receptors is responsible for the development of the early phase of TRAIL resistance. Cellular Signalling, 2010, 22, 553-563.	3.6	48
69	The molecular principles of N-end rule recognition. Nature Structural and Molecular Biology, 2010, 17, 1164-1165.	8.2	47
70	The Ubiquitin Ligase Ubr2, a Recognition E3 Component of the N-End Rule Pathway, Stabilizes Tex19.1 during Spermatogenesis. PLoS ONE, 2010, 5, e14017.	2.5	37
71	UBR2 mediates transcriptional silencing during spermatogenesis via histone ubiquitination. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1912-1917.	7.1	76
72	The Substrate Recognition Domains of the N-end Rule Pathway. Journal of Biological Chemistry, 2009, 284, 1884-1895.	3.4	116

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73	Multivalency-Assisted Control of Intracellular Signaling Pathways: Application for Ubiquitin-Dependent N-End Rule Pathway. Chemistry and Biology, 2009, 16, 121-131.	6.0	28
74	Synthetic heterovalent inhibitors targeting recognition E3 components of the N-end rule pathway. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 100-105.	7.1	70
75	The mammalian N-end rule pathway: new insights into its components and physiological roles. Trends in Biochemical Sciences, 2007, 32, 520-528.	7.5	151
76	Impaired neurogenesis and cardiovascular development in mice lacking the E3 ubiquitin ligases UBR1 and UBR2 of the N-end rule pathway. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6212-6217.	7.1	79
77	RGS4 and RGS5 are in vivo substrates of the N-end rule pathway. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15030-15035.	7.1	219
78	A Family of Mammalian E3 Ubiquitin Ligases That Contain the UBR Box Motif and Recognize N-Degrons. Molecular and Cellular Biology, 2005, 25, 7120-7136.	2.3	293
79	Female Lethality and Apoptosis of Spermatocytes in Mice Lacking the UBR2 Ubiquitin Ligase of the N-End Rule Pathway. Molecular and Cellular Biology, 2003, 23, 8255-8271.	2.3	138
80	An Essential Role of N-Terminal Arginylation in Cardiovascular Development. Science, 2002, 297, 96-99.	12.6	292
81	Construction and Analysis of Mouse Strains Lacking the Ubiquitin Ligase UBR1 (E3Î±) of the N-End Rule Pathway. Molecular and Cellular Biology, 2001, 21, 8007-8021.	2.3	127
82	Altered Activity, Social Behavior, and Spatial Memory in Mice Lacking the NTAN1p Amidase and the Asparagine Branch of the N-End Rule Pathway. Molecular and Cellular Biology, 2000, 20, 4135-4148.	2.3	95
83	Bivalent Inhibitor of the N-end Rule Pathway. Journal of Biological Chemistry, 1999, 274, 18135-18139.	3.4	34
84	Alternative Splicing Results in Differential Expression, Activity, and Localization of the Two Forms of Arginyl-tRNA-Protein Transferase, a Component of the N-End Rule Pathway. Molecular and Cellular Biology, 1999, 19, 182-193.	2.3	133