

Kyung-Chul Choi

List of Publications by Year in descending order

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65
papers

2,041
citations

279798

23
h-index

254184

43
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65
all docs

65
docs citations

65
times ranked

3535
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigallocatechin-3-Gallate, a Histone Acetyltransferase Inhibitor, Inhibits EBV-Induced B Lymphocyte Transformation via Suppression of RelA Acetylation. <i>Cancer Research</i> , 2009, 69, 583-592.	0.9	331
2	Gallic Acid Suppresses Lipopolysaccharide-Induced Nuclear Factor- κ B Signaling by Preventing RelA Acetylation in A549 Lung Cancer Cells. <i>Molecular Cancer Research</i> , 2009, 7, 2011-2021.	3.4	142
3	TGF- β 1-induced epithelial-mesenchymal transition and acetylation of Smad2 and Smad3 are negatively regulated by EGCG in Human A549 lung cancer cells. <i>Cancer Letters</i> , 2013, 335, 205-213.	7.2	106
4	Reversible SUMOylation of TBL1-TBLR1 Regulates β -Catenin-Mediated Wnt Signaling. <i>Molecular Cell</i> , 2011, 43, 203-216.	9.7	97
5	Stereospecific effects of ginsenoside 20-Rg3 inhibits TGF- β 1-induced epithelial-mesenchymal transition and suppresses lung cancer migration, invasion and anoikis resistance. <i>Toxicology</i> , 2014, 322, 23-33.	4.2	96
6	Loss of HDAC3 results in nonreceptive endometrium and female infertility. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	90
7	Anti-obesity effect of extract from fermented <i>Curcuma longa</i> L. through regulation of adipogenesis and lipolysis pathway in high-fat diet-induced obese rats. <i>Food and Nutrition Research</i> , 2016, 60, 30428.	2.6	67
8	Procyanidin B3, an inhibitor of histone acetyltransferase, enhances the action of antagonist for prostate cancer cells via inhibition of p300-dependent acetylation of androgen receptor. <i>Biochemical Journal</i> , 2011, 433, 235-244.	3.7	54
9	Delphinidin induces apoptosis via cleaved HDAC3-mediated p53 acetylation and oligomerization in prostate cancer cells. <i>Oncotarget</i> , 2016, 7, 56767-56780.	1.8	54
10	Cardamonin induces autophagy and an antiproliferative effect through JNK activation in human colorectal carcinoma HCT116 cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2559-2564.	2.2	53
11	Dioscin suppresses TGF- β 1-induced epithelial-mesenchymal transition and suppresses A549 lung cancer migration and invasion. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3342-3348.	2.2	51
12	Water Extract of <i>Curcuma longa</i> L. Ameliorates Non-Alcoholic Fatty Liver Disease. <i>Nutrients</i> , 2019, 11, 2536.	4.1	48
13	DNAJB1 destabilizes PDCD5 to suppress p53-mediated apoptosis. <i>Cancer Letters</i> , 2015, 357, 307-315.	7.2	43
14	Programmed cell death 5 mediates HDAC3 decay to promote genotoxic stress response. <i>Nature Communications</i> , 2015, 6, 7390.	12.8	40
15	Sanguin H6 suppresses TGF- β 1 induction of the epithelial-mesenchymal transition and inhibits migration and invasion in A549 lung cancer. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5508-5513.	2.2	39
16	Delphinidin sensitizes prostate cancer cells to TRAIL-induced apoptosis, by inducing DR5 and causing caspase-mediated HDAC3 cleavage. <i>Oncotarget</i> , 2015, 6, 9970-9984.	1.8	38
17	PINK1 positively regulates HDAC3 to suppress dopaminergic neuronal cell death. <i>Human Molecular Genetics</i> , 2015, 24, 1127-1141.	2.9	38
18	Deubiquitinase OTUD5 mediates the sequential activation of PDCD5 and p53 in response to genotoxic stress. <i>Cancer Letters</i> , 2015, 357, 419-427.	7.2	36

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19	DNAJB1 negatively regulates MIG6 to promote epidermal growth factor receptor signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2722-2730.	4.1	33
20	Quercetin sensitizes pancreatic cancer cells to TRAIL-induced apoptosis through JNK-mediated cFLIP turnover. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 78, 327-334.	2.8	30
21	Delphinidin inhibits BDNF-induced migration and invasion in SKOV3 ovarian cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 5337-5343.	2.2	29
22	EPB41L5 Mediates TGF β 2-Induced Metastasis of Gastric Cancer. <i>Clinical Cancer Research</i> , 2019, 25, 3617-3629.	7.0	27
23	Inhibition of TFEB oligomerization by co-treatment of melatonin with vorinostat promotes the therapeutic sensitivity in glioblastoma and glioma stem cells. <i>Journal of Pineal Research</i> , 2019, 66, e12556.	7.4	27
24	Neobavaisoflavone sensitizes apoptosis via the inhibition of metastasis in TRAIL-resistant human glioma U373MG cells. <i>Life Sciences</i> , 2014, 95, 101-107.	4.3	25
25	Small-molecule inhibitors of histone deacetylase improve CRISPR-based adenine base editing. <i>Nucleic Acids Research</i> , 2021, 49, 2390-2399.	14.5	24
26	Epigenetic regulation of p62/SQSTM1 overcomes the radioresistance of head and neck cancer cells via autophagy-dependent senescence induction. <i>Cell Death and Disease</i> , 2021, 12, 250.	6.3	23
27	Protective effect of α -lipoic acid against radiation-induced fibrosis in mice. <i>Oncotarget</i> , 2016, 7, 15554-15565.	1.8	22
28	Inhibition of A2780 Human Ovarian Carcinoma Cell Proliferation by a Rubus Component, Sanguini H-6. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 801-805.	5.2	21
29	SKI2162, an inhibitor of the TGF β 2 type I receptor (ALK5), inhibits radiation-induced fibrosis in mice. <i>Oncotarget</i> , 2015, 6, 4171-4179.	1.8	21
30	miR-3189-targeted GLUT3 repression by HDAC2 knockdown inhibits glioblastoma tumorigenesis through regulating glucose metabolism and proliferation. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 87.	8.6	20
31	Licochalcone F alleviates glucose tolerance and chronic inflammation in diet-induced obese mice through Akt and p38 MAPK. <i>Clinical Nutrition</i> , 2016, 35, 414-421.	5.0	19
32	Valproic acid enforces the priming effect of sphingosine-1 phosphate on human mesenchymal stem cells. <i>International Journal of Molecular Medicine</i> , 2017, 40, 739-747.	4.0	19
33	Use of Dimethyl Pimelimidate with Microfluidic System for Nucleic Acids Extraction without Electricity. <i>Analytical Chemistry</i> , 2017, 89, 7502-7510.	6.5	18
34	TFEB Supports Pancreatic Cancer Growth through the Transcriptional Regulation of Glutaminase. <i>Cancers</i> , 2021, 13, 483.	3.7	18
35	EGFR β -Src-Mediated HDAC3 Phosphorylation Exacerbates Invasion of Breast Cancer Cells. <i>Cells</i> , 2019, 8, 930.	4.1	16
36	Antiobesity and Cholesterol-Lowering Effects of <i>Dendropanax morbifera</i> Water Extracts in Mouse 3T3-L1 Cells. <i>Journal of Medicinal Food</i> , 2018, 21, 793-800.	1.5	15

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37	Selumetinib Inhibits Melanoma Metastasis to Mouse Liver via Suppression of EMT-targeted Genes. <i>Anticancer Research</i> , 2017, 37, 607-614.	1.1	15
38	Protein Kinase A phosphorylates NCoR to enhance its nuclear translocation and repressive function in human prostate cancer cells. <i>Journal of Cellular Physiology</i> , 2013, 228, 1159-1165.	4.1	14
39	Targeting CPT1A enhances metabolic therapy in human melanoma cells with the BRAF V600E mutation. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 81, 76-81.	2.8	14
40	SUMOylation of TBL1 and TBLR1 promotes androgen-independent prostate cancer cell growth. <i>Oncotarget</i> , 0, 7, 41110-41122.	1.8	14
41	Novel TGF β 21 inhibitor antagonizes TGF β 21-induced epithelial-mesenchymal transition in human A549 lung cancer cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 977-987.	2.6	13
42	The functional relationship between co-repressor N-CoR and SMRT in mediating transcriptional repression by thyroid hormone receptor β . <i>Biochemical Journal</i> , 2008, 411, 19-26.	3.7	12
43	Protein serine/threonine phosphatase PPEF-1 suppresses genotoxic stress response via dephosphorylation of PDCD5. <i>Scientific Reports</i> , 2017, 7, 39222.	3.3	11
44	Extracts of <i>Porphyra tenera</i> (Nori Seaweed) Activate the Immune Response in Mouse RAW264.7 Macrophages via NF- κ B Signaling. <i>Journal of Medicinal Food</i> , 2017, 20, 1152-1159.	1.5	11
45	Inhibition of Wntless/GPR177 suppresses gastric tumorigenesis. <i>BMB Reports</i> , 2018, 51, 255-260.	2.4	11
46	MIG-6 suppresses endometrial epithelial cell proliferation by inhibiting phospho-AKT. <i>BMC Cancer</i> , 2018, 18, 605.	2.6	11
47	Tyrosine phosphorylation of HDAC3 by Src kinase mediates proliferation of HER2-positive breast cancer cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 6428-6436.	4.1	11
48	YAF2 promotes TP53-mediated genotoxic stress response via stabilization of PDCD5. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1060-1072.	4.1	10
49	HDAC3 Selectively Regulates TNF-Induced Apoptotic Cell Death in MCF-7 Human Breast Cancer Cells via the p53 Signaling Pathway. <i>Cells</i> , 2020, 9, 1280.	4.1	10
50	Role of Drosophila EDEMs in the degradation of the alpha-1-antitrypsin Z variant. <i>International Journal of Molecular Medicine</i> , 2015, 35, 870-876.	4.0	8
51	Serine/threonine kinase 31 promotes PDCD5-mediated apoptosis in p53-dependent human colon cancer cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 2649-2658.	4.1	8
52	<i>Dendropanax morbifera</i> Branch Water Extract Increases the Immunostimulatory Activity of RAW264.7 Macrophages and Primary Mouse Splenocytes. <i>Journal of Medicinal Food</i> , 2019, 22, 1136-1145.	1.5	6
53	Effects of <i>Eriobotrya japonica</i> Water Extract on Alcoholic and Nonalcoholic Fatty Liver Impairment. <i>Journal of Medicinal Food</i> , 2019, 22, 1262-1270.	1.5	6
54	GPR177 promotes gastric cancer proliferation by suppressing endoplasmic reticulum stress-induced cell death. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 2532-2539.	2.6	6

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55	Effect of Ethanol Extract of <i>Canavalia gladiata</i> on Endurance Swimming Capacity in Mice. <i>Journal of Medicinal Food</i> , 2016, 19, 990-993.	1.5	4
56	Endoplasmic reticulum stress increases LECT2 expression via ATF4. <i>Biochemical and Biophysical Research Communications</i> , 2021, 585, 169-176.	2.1	4
57	In Vivo Evaluation of <i>Dendropanax morbifera</i> Leaf Extract for Anti-Obesity and Cholesterol-Lowering Activity in Mice. <i>Nutrients</i> , 2021, 13, 1424.	4.1	3
58	Water Extract of <i>Rubus coreanus</i> Prevents Inflammatory Skin Diseases In Vitro Models. <i>Plants</i> , 2021, 10, 1230.	3.5	3
59	Radiation-Induced Phosphorylation of Serine 360 of SMC1 in Human Peripheral Blood Mononuclear Cells. <i>Radiation Research</i> , 2019, 191, 262.	1.5	2
60	Fermented <i>Curcuma longa</i> L. Prevents Alcoholic Fatty Liver Disease in Mice by Regulating CYP2E1, SREBP-1c, and PPAR- α . <i>Journal of Medicinal Food</i> , 2022, 25, 456-463.	1.5	2
61	A New TGF- β 1 Inhibitor, CTI-82, Antagonizes Epithelial-Mesenchymal Transition through Inhibition of Phospho-SMAD2/3 and Phospho-ERK. <i>Biology</i> , 2020, 9, 143.	2.8	1
62	TNF- α Enhances Tamoxifen Sensitivity through Dissociation of ER- α -p53-NCOR1 Complexes in ER- α -Positive Breast Cancer. <i>Cancers</i> , 2021, 13, 2601.	3.7	1
63	The role of NSD2 (Nuclear receptor-binding SET domain-containing protein) in AR-mediated transcriptional regulation. <i>FASEB Journal</i> , 2008, 22, 202-202.	0.5	0
64	The functional relationship between corepressor N-CoR and SMRT in mediating transcriptional repression by thyroid hormone receptor alpha. <i>FASEB Journal</i> , 2008, 22, 201-201.	0.5	0
65	Procyanidin B3, an inhibitor of histone acetyltransferase, enhances the action of antagonist for prostate cancer cells via inhibition of p300-dependent acetylation of androgen receptor. <i>FASEB Journal</i> , 2011, 25, 1b42.	0.5	0