

# See-Hyoung Park

## List of Publications by Year in descending order

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Version: 2024-02-01

109  
papers

2,185  
citations

293460

24  
h-index

355658

38  
g-index

109  
all docs

109  
docs citations

109  
times ranked

3464  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of reactive oxygen species by phytochemicals for the management of cancer and diabetes. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 5911-5936.	5.4	11
2	The Role of Adiponectin in the Skin. <i>Biomolecules and Therapeutics</i> , 2022, 30, 221-231.	1.1	7
3	Novel Polyhydroxybutyrate-Degrading Activity of the <i>Microbulbifer</i> Genus as Confirmed by <i>Microbulbifer</i> sp. SOL03 from the Marine Environment. <i>Journal of Microbiology and Biotechnology</i> , 2022, 32, 27-36.	0.9	14
4	Ratiometric fluorescent detection of lead ions in aquatic environment and living cells using a fluorescent peptide-based probe. <i>Journal of Hazardous Materials</i> , 2022, 427, 128161.	6.5	22
5	IL4 $\beta$ and IL13 $\beta$ Are Involved in the Development of Human Gallbladder Cancer. <i>Journal of Personalized Medicine</i> , 2022, 12, 249.	1.1	3
6	Association between Olfactory Receptors and Skin Physiology. <i>Annals of Dermatology</i> , 2022, 34, 87.	0.3	2
7	Yellow Chaste Weed and Its Components, Apigenin and Galangin, Affect Proliferation and Oxidative Stress in Blue Light-Irradiated HaCaT Cells. <i>Nutrients</i> , 2022, 14, 1217.	1.7	3
8	Acetylshikonin, A Novel CYP2J2 Inhibitor, Induces Apoptosis in RCC Cells via FOXO3 Activation and ROS Elevation. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-20.	1.9	6
9	Novel Poly(butylene adipate-co-terephthalate)-degrading <i>Bacillus</i> sp. JY35 from wastewater sludge and its broad degradation of various bioplastics. <i>Waste Management</i> , 2022, 144, 1-10.	3.7	19
10	An <i>in vitro</i> study on anti-carcinogenic effect of remdesivir in human ovarian cancer cells via generation of reactive oxygen species. <i>Human and Experimental Toxicology</i> , 2022, 41, 096032712210892.	1.1	5
11	Development of a glutaric acid production system equipped with stepwise feeding of monosodium glutamate by whole-cell bioconversion. <i>Enzyme and Microbial Technology</i> , 2022, 159, 110053.	1.6	3
12	Antioxidant Activities and Mechanisms of Tomentosin in Human Keratinocytes. <i>Antioxidants</i> , 2022, 11, 990.	2.2	4
13	Induction of cell cycle arrest and apoptosis by tomentosin in hepatocellular carcinoma HepG2 and Huh7 cells. <i>Human and Experimental Toxicology</i> , 2021, 40, 231-244.	1.1	17
14	Induction of apoptosis in indole-3-carbinol-treated lung cancer H1299 cells via ROS level elevation. <i>Human and Experimental Toxicology</i> , 2021, 40, 812-825.	1.1	15
15	Expression of IL4 $\beta$ and IL13 $\beta$ are associated with poor prognosis of soft-tissue sarcoma of the extremities, superficial trunk, and retroperitoneum. <i>Diagnostic Pathology</i> , 2021, 16, 2.	0.9	5
16	Evaluation of circulating IGF-I and IGFBP-3 as biomarkers for tumors in dogs. <i>Journal of Veterinary Science</i> , 2021, 22, e77.	0.5	0
17	SCRIB Is Involved in the Progression of Ovarian Carcinomas in Association with the Factors Linked to Epithelial-to-Mesenchymal Transition and Predicts Shorter Survival of Diagnosed Patients. <i>Biomolecules</i> , 2021, 11, 405.	1.8	8
18	IL13 $\beta$ 2 Is Involved in the Progress of Renal Cell Carcinoma through the JAK2/FOXO3 Pathway. <i>Journal of Personalized Medicine</i> , 2021, 11, 284.	1.1	4

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19	Improvement of polyhydroxybutyrate (PHB) plate-based screening method for PHB degrading bacteria using cell-grown amorphous PHB and recovered by sodium dodecyl sulfate (SDS). <i>International Journal of Biological Macromolecules</i> , 2021, 177, 413-421.	3.6	24
20	Acetylshikonin Induces Apoptosis in Human Colorectal Cancer HCT-15 and LoVo Cells via Nuclear Translocation of FOXO3 and ROS Level Elevation. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 1-19.	1.9	15
21	Proteasome inhibitor MG132 induces apoptosis in human osteosarcoma U2OS cells. <i>Human and Experimental Toxicology</i> , 2021, 40, 1985-1997.	1.1	12
22	Indole-3-carbinol inhibits the proliferation of colorectal carcinoma LoVo cells through activation of the apoptotic signaling pathway. <i>Human and Experimental Toxicology</i> , 2021, 40, 2099-2112.	1.1	5
23	Ratiometric fluorescent detection of silver nanoparticles in aqueous samples using peptide-based fluorogenic probes with aggregation-induced emission characteristics. <i>Journal of Hazardous Materials</i> , 2021, 411, 125041.	6.5	20
24	CK2 $\beta$ /CSNK2A1 Induces Resistance to Doxorubicin through SIRT6-Mediated Activation of the DNA Damage Repair Pathway. <i>Cells</i> , 2021, 10, 1770.	1.8	7
25	Protective Effects of Maclurin against Benzo[a]pyrene via Aryl Hydrocarbon Receptor and Nuclear Factor Erythroid 2-Related Factor 2 Targeting. <i>Antioxidants</i> , 2021, 10, 1189.	2.2	2
26	Application of l-glutamate oxidase from <i>Streptomyces</i> sp. X119-6 with catalase (KatE) to whole-cell systems for glutaric acid production in <i>Escherichia coli</i> . <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 2106-2112.	1.2	4
27	Knockout of Hepatocyte Growth Factor by CRISPR/Cas9 System Induces Apoptosis in Hepatocellular Carcinoma Cells. <i>Journal of Personalized Medicine</i> , 2021, 11, 983.	1.1	7
28	Polyhydroxyalkanoates (PHAs) degradation by the newly isolated marine <i>Bacillus</i> sp. JY14. <i>Chemosphere</i> , 2021, 283, 131172.	4.2	38
29	6, 8 $\beta$ -Diprenylorobol induces apoptosis in human colon cancer cells via activation of intracellular reactive oxygen species and p53. <i>Environmental Toxicology</i> , 2021, 36, 914-925.	2.1	8
30	<i>Aspergillus oryzae</i> -Fermented Wheat Peptone Enhances the Potential of Proliferation and Hydration of Human Keratinocytes through Activation of p44/42 MAPK. <i>Molecules</i> , 2021, 26, 6074.	1.7	1
31	Brousochalcone A Induces Apoptosis in Human Renal Cancer Cells via ROS Level Elevation and Activation of FOXO3 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	1.9	10
32	Olfactory Receptor OR7A17 Expression Correlates with All-Trans Retinoic Acid (ATRA)-Induced Suppression of Proliferation in Human Keratinocyte Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12304.	1.8	4
33	Isolation of <i>Microbulbifer</i> sp. SOL66 with High Polyhydroxyalkanoate-Degrading Activity from the Marine Environment. <i>Polymers</i> , 2021, 13, 4257.	2.0	16
34	Norquetiapine blocks the human cardiac sodium channel Nav1.5 in a state-dependent manner. <i>European Journal of Pharmacology</i> , 2020, 885, 173532.	1.7	2
35	Cannabidiol induces osteoblast differentiation via angiotensin1 and p38 $\alpha$ -MAPK. <i>Environmental Toxicology</i> , 2020, 35, 1318-1325.	2.1	18
36	Inhibition of SIRT6 potentiates the anti-tumor effect of doxorubicin through suppression of the DNA damage repair pathway in osteosarcoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 247.	3.5	18

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37	Blue Light Irradiation Induces Human Keratinocyte Cell Damage via Transient Receptor Potential Vanilloid 1 (TRPV1) Regulation. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	25
38	6,8-Diprenylorobol Induces Apoptosis in Human Hepatocellular Carcinoma Cells via Activation of FOXO3 and Inhibition of CYP2J2. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-19.	1.9	13
39	Expression of FAM83H and ZNF16 are associated with shorter survival of patients with gallbladder carcinoma. <i>Diagnostic Pathology</i> , 2020, 15, 63.	0.9	8
40	Simultaneous monitoring of the bioconversion from lysine to glutaric acid by ethyl chloroformate derivatization and gas chromatography-mass spectrometry. <i>Analytical Biochemistry</i> , 2020, 597, 113688.	1.1	4
41	Selective ratiometric red-emission detection of In <sup>3+</sup> in aqueous solutions and in live cells using a fluorescent peptidyl probe and metal chelating agent. <i>Analyst</i> , The, 2020, 145, 4031-4040.	1.7	5
42	Metformin coordinates osteoblast/osteoclast differentiation associated with ischemic osteonecrosis. <i>Aging</i> , 2020, 12, 4727-4741.	1.4	15
43	FAM83H and SCRIB stabilize $\beta$ -catenin and stimulate progression of gastric carcinoma. <i>Aging</i> , 2020, 12, 11812-11834.	1.4	13
44	Anticarcinogenic effect of indole-3-carbinol (I3C) on human hepatocellular carcinoma SNU449 cells. <i>Human and Experimental Toxicology</i> , 2019, 38, 136-147.	1.1	18
45	Protective effects of hepatocyte growth factor gene overexpression against hydrogen peroxide-induced apoptosis in mesenchymal stem cells. <i>Environmental Toxicology</i> , 2019, 34, 1236-1245.	2.1	9
46	Esculetin induces cell cycle arrest and apoptosis in human colon cancer LoVo cells. <i>Environmental Toxicology</i> , 2019, 34, 1129-1136.	2.1	21
47	Effects of hepatocyte growth factor gene-transfected mesenchymal stem cells on dimethylnitrosamine-induced liver fibrosis in rats. <i>Growth Factors</i> , 2019, 37, 105-119.	0.5	18
48	Interleukin4 (IL4) and IL13 Are Associated with the Progress of Renal Cell Carcinoma through Janus Kinase 2 (JAK2)/Forkhead Box O3 (FOXO3) Pathways. <i>Cancers</i> , 2019, 11, 1394.	1.7	17
49	FAM83H is involved in stabilization of $\beta$ -catenin and progression of osteosarcomas. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 267.	3.5	36
50	Selective red-emission detection for mercuric ions in aqueous solution and cells using a fluorescent probe based on an unnatural peptide receptor. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3590-3598.	1.5	15
51	Tomentosin Displays Anti-Carcinogenic Effect in Human Osteosarcoma MG-63 Cells via the Induction of Intracellular Reactive Oxygen Species. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1508.	1.8	24
52	p44/42 MAPK signaling is a prime target activated by phenylethyl resorcinol in its anti-melanogenic action. <i>Phytomedicine</i> , 2019, 58, 152877.	2.3	15
53	The Expression Patterns of FAM83H and PANX2 Are Associated With Shorter Survival of Clear Cell Renal Cell Carcinoma Patients. <i>Frontiers in Oncology</i> , 2019, 9, 14.	1.3	19
54	Melanogenic Effects of Maclurin Are Mediated through the Activation of cAMP/PKA/CREB and p38 MAPK/CREB Signaling Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	1.9	37

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55	Antagonizing Effects of <i>Clematis apiifolia</i> DC. Extract against Benzo[a]pyrene-Induced Damage to Human Keratinocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	11
56	Ethanol extract of <i>Melia azedarach</i> L. induces melanogenesis through the cAMP-PKA-CREB signaling pathway. <i>Molecular and Cellular Toxicology</i> , 2019, 15, 75-83.	0.8	5
57	The inhibitory potential of Broussoualchalcone A for the human cytochrome P450 2J2 isoform and its anti-cancer effects via FOXO3 activation. <i>Phytomedicine</i> , 2018, 42, 199-206.	2.3	19
58	Anti-melanogenic effects of resorcinol are mediated by suppression of cAMP signaling and activation of p38 MAPK signaling. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 1188-1196.	0.6	18
59	Arctigenin protects against ultraviolet-A-induced damage to stemness through inhibition of the NF- $\kappa$ B/MAPK pathway. <i>Chemico-Biological Interactions</i> , 2018, 282, 63-68.	1.7	8
60	Potential role of nucleoside diphosphate kinase in myricetin-induced selective apoptosis in colon cancer HCT-15 cells. <i>Food and Chemical Toxicology</i> , 2018, 116, 315-322.	1.8	19
61	A novel fluorescent peptidyl probe for highly sensitive and selective ratiometric detection of Cd(II) in aqueous and bio-samples via metal ion-mediated self-assembly. <i>New Journal of Chemistry</i> , 2018, 42, 18143-18151.	1.4	10
62	SIRT6 Is Involved in the Progression of Ovarian Carcinomas via $\beta$ -Catenin-Mediated Epithelial to Mesenchymal Transition. <i>Frontiers in Oncology</i> , 2018, 8, 538.	1.3	34
63	Indole-3-Carbinol Induces Apoptosis in Human Osteosarcoma MG-63 and U2OS Cells. <i>BioMed Research International</i> , 2018, 2018, 1-13.	0.9	21
64	Beauvericin inhibits melanogenesis by regulating cAMP/PKA/CREB and LXR- $\beta$ /p38 MAPK-mediated pathways. <i>Scientific Reports</i> , 2018, 8, 14958.	1.6	32
65	Negative Cellular Effects of Urban Particulate Matter on Human Keratinocytes Are Mediated by P38 MAPK and NF- $\kappa$ B-dependent Expression of TRPV 1. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2660.	1.8	14
66	Ratiometric red-emission fluorescence detection of Al <sup>3+</sup> in pure aqueous solution and live cells by a fluorescent peptidyl probe using aggregation-induced emission. <i>Analyst</i> , 2018, 143, 5285-5294.	1.7	41
67	Antiwrinkle and antimelanogenesis activity of the ethanol extracts of <i>Lespedeza cuneata</i> G. Don for development of the cosmeceutical ingredients. <i>Food Science and Nutrition</i> , 2018, 6, 1307-1316.	1.5	4
68	Mitoxantrone induces apoptosis in osteosarcoma cells through regulation of the Akt/FOXO3 pathway. <i>Oncology Letters</i> , 2018, 15, 9687-9696.	0.8	10
69	Indole-3-carbinol induces apoptosis in human hepatocellular carcinoma Huh-7 cells. <i>Food and Chemical Toxicology</i> , 2018, 118, 119-130.	1.8	10
70	The PARP inhibitor olaparib potentiates the effect of the DNA damaging agent doxorubicin in osteosarcoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 107.	3.5	69
71	Daidzein Has Anti-Oxidant Activity in Normal Human Kidney Tubular HK-2 Cells via FOXO3/SOD2 Pathway. <i>Journal of Food and Nutrition Research (Newark, Del)</i> , 2018, 6, 557-560.	0.1	2
72	Expression of ANO1/DOG1 is associated with shorter survival and progression of breast carcinomas. <i>Oncotarget</i> , 2018, 9, 607-621.	0.8	26

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73	Stemness and differentiation potential-recovery effects of sinapic acid against ultraviolet-A-induced damage through the regulation of p38 MAPK and NF- $\kappa$ B. <i>Scientific Reports</i> , 2017, 7, 909.	1.6	13
74	Cannabidiol upregulates melanogenesis through CB1 dependent pathway by activating p38 MAPK and p42/44 MAPK. <i>Chemico-Biological Interactions</i> , 2017, 273, 107-114.	1.7	46
75	Identification of acetylshikonin as the novel CYP2J2 inhibitor with anti-cancer activity in HepG2 cells. <i>Phytomedicine</i> , 2017, 24, 134-140.	2.3	35
76	FAM83H is involved in the progression of hepatocellular carcinoma and is regulated by MYC. <i>Scientific Reports</i> , 2017, 7, 3274.	1.6	40
77	Attenuation of MUC4 potentiates the anticancer activity of auranofin via regulation of the Her2/Akt/FOXO3 pathway in ovarian cancer cells. <i>Oncology Reports</i> , 2017, 38, 2417-2425.	1.2	14
78	Melanogenic mechanism of ethanolic extract of <i>Dalbergia odorifera</i> . <i>Molecular and Cellular Toxicology</i> , 2017, 13, 453-459.	0.8	5
79	Inhibition of collagenase and melanogenesis by ethanol extracts of <i>Orostachys japonicus</i> ; A. Berger: possible involvement of Erk and Akt signaling pathways in melanoma cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 945-953.	0.9	13
80	Development of a novel microbubble-liposome complex conjugated with peptide ligands targeting IL4R on brain tumor cells. <i>Oncology Reports</i> , 2016, 36, 131-136.	1.2	21
81	Potential of l -thyroxine to differentiate osteoblast-like cells via Angiopoietin1. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1409-1415.	1.0	7
82	Vanillin attenuates negative effects of ultraviolet A on the stemness of human adipose tissue-derived mesenchymal stem cells. <i>Food and Chemical Toxicology</i> , 2016, 96, 62-69.	1.8	6
83	CK2 $\alpha$ /CSNK2A1 Phosphorylates SIRT6 and Is Involved in the Progression of Breast Carcinoma and Predicts Shorter Survival of Diagnosed Patients. <i>American Journal of Pathology</i> , 2016, 186, 3297-3315.	1.9	71
84	Tumor-suppressive activity of 1,25-dihydroxyvitamin D3 against kidney cancer cells via up-regulation of FOXO3. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 1947-1953.	0.6	12
85	Afzelin positively regulates melanogenesis through the p38 MAPK pathway. <i>Chemico-Biological Interactions</i> , 2016, 254, 167-172.	1.7	24
86	Individual and Combined Expression of DNA Damage Response Molecules PARP1, $\gamma$ H2AX, BRCA1, and BRCA2 Predict Shorter Survival of Soft Tissue Sarcoma Patients. <i>PLoS ONE</i> , 2016, 11, e0163193.	1.1	19
87	Tumor suppressive effect of PARP1 and FOXO3A in gastric cancers and its clinical implications. <i>Oncotarget</i> , 2015, 6, 44819-44831.	0.8	40
88	CK2 $\alpha$ phosphorylates DBC1 and is involved in the progression of gastric carcinoma and predicts poor survival of gastric carcinoma patients. <i>International Journal of Cancer</i> , 2015, 136, 797-809.	2.3	46
89	Expression of DNA Damage Response Molecules PARP1, $\gamma$ H2AX, BRCA1, and BRCA2 Predicts Poor Survival of Breast Carcinoma Patients. <i>Translational Oncology</i> , 2015, 8, 239-249.	1.7	20
90	Effect of diallyl disulfide on acute gastric mucosal damage induced by alcohol in rats. <i>Human and Experimental Toxicology</i> , 2015, 34, 227-239.	1.1	18

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91	Development of the Potent Anti-Rheumatoid Arthritis Compound Derived from Rosmarinic Acid and the Evaluation of the Activity in Collagen-Induced Arthritis Mouse Model. <i>International Journal of Pharmacology</i> , 2015, 11, 248-252.	0.1	1
92	Structure-Activity-Relationship Study of the Novel p21/waf1 Inhibitor for Anti-Cancer Agents against Renal Cell Carcinoma. <i>International Journal of Pharmacology</i> , 2015, 11, 387-393.	0.1	0
93	Auranofin displays anticancer activity against ovarian cancer cells through FOXO3 activation independent of p53. <i>International Journal of Oncology</i> , 2014, 45, 1691-1698.	1.4	82
94	Small-molecule inhibitors of p21 as novel therapeutics for chemotherapy-resistant kidney cancer. <i>Future Medicinal Chemistry</i> , 2013, 5, 991-994.	1.1	28
95	FOXO3 signalling links ATM to the p53 apoptotic pathway following DNA damage. <i>Nature Communications</i> , 2012, 3, 1000.	5.8	70
96	Cannabinoid receptor 1 mediates palmitic acid-induced apoptosis via endoplasmic reticulum stress in human renal proximal tubular cells. <i>Journal of Cellular Physiology</i> , 2010, 225, 654-663.	2.0	63
97	Inhibition of FOXO3 Tumor Suppressor Function by TrCP1 through Ubiquitin-Mediated Degradation in a Tumor Mouse Model. <i>PLoS ONE</i> , 2010, 5, e11171.	1.1	31
98	Disparate Effects of Roscovitine on Renal Tubular Epithelial Cell Apoptosis and Senescence: Implications for Autosomal Dominant Polycystic Kidney Disease. <i>American Journal of Nephrology</i> , 2009, 29, 509-515.	1.4	21
99	Sorafenib has soluble epoxide hydrolase inhibitory activity, which contributes to its effect profile <i>in vivo</i> . <i>Molecular Cancer Therapeutics</i> , 2009, 8, 2193-2203.	1.9	72
100	High throughput screening of a small molecule one-bead-one-compound combinatorial library to identify attenuators of p21 as chemotherapy sensitizers. <i>Cancer Biology and Therapy</i> , 2008, 7, 2015-2022.	1.5	35
101	The structure-activity relationship of the series of non-peptide small antagonists for p56lck SH2 domain. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 3938-3950.	1.4	30
102	Crystallization of Antiangiogenic Kringle V Derived from Human Apolipoprotein A: Crystallization Applied to Purification and Formulation. <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 916-925.	0.6	7
103	Extended operation of a pressurized 75-L bioreactor for shLkn-1 production by <i>Pichia pastoris</i> using dissolved oxygen profile control. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2005, 32, 474-480.	1.4	11
104	Terrein: a new melanogenesis inhibitor and its mechanism. <i>Cellular and Molecular Life Sciences</i> , 2004, 61, 2878-2885.	2.4	130
105	Rosmarinic acid inhibits TCR-induced T cell activation and proliferation in an Lck-dependent manner. <i>European Journal of Immunology</i> , 2003, 33, 870-879.	1.6	60
106	Design and synthesis of small chemical inhibitors containing different scaffolds for Lck SH2 domain. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 3455-3459.	1.0	12
107	Design and characterization of non-Phosphopeptide inhibitors for Src family SH2 domains. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 2711-2714.	1.0	10
108	Encephalitis associated with motor polyneuropathy. <i>European Journal of Neurology</i> , 2001, 8, 673-676.	1.7	1

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109	Pharmacological activation of FOXO3 suppresses triple-negative breast cancer <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 0, 7, 42110-42125.	0.8	47