

Soon-Sun Hong

List of Publications by Year in descending order

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98
papers

3,337
citations

126907

33
h-index

168389

53
g-index

100
all docs

100
docs citations

100
times ranked

6247
citing authors

#	ARTICLE	IF	CITATIONS
1	Methylation-dependent loss of RIP3 expression in cancer represses programmed necrosis in response to chemotherapeutics. <i>Cell Research</i> , 2015, 25, 707-725.	12.0	354
2	Multifunctional doxorubicin loaded superparamagnetic iron oxide nanoparticles for chemotherapy and magnetic resonance imaging in liver cancer. <i>Biomaterials</i> , 2010, 31, 4995-5006.	11.4	297
3	Human Bone Marrow-Derived Clonal Mesenchymal Stem Cells Inhibit Inflammation and Reduce Acute Pancreatitis in Rats. <i>Gastroenterology</i> , 2011, 140, 998-1008.e4.	1.3	159
4	NQO1 inhibits proteasome-mediated degradation of HIF-1 α . <i>Nature Communications</i> , 2016, 7, 13593.	12.8	125
5	20(S)-Ginsenoside Rg3 is a novel inhibitor of autophagy and sensitizes hepatocellular carcinoma to doxorubicin. <i>Oncotarget</i> , 2014, 5, 4438-4451.	1.8	92
6	Progress in cancer therapy targeting c-Met signaling pathway. <i>Archives of Pharmacal Research</i> , 2012, 35, 595-604.	6.3	76
7	Design, Synthesis, and Evaluation of 3,5-Disubstituted 7-Azaindoles as Trk Inhibitors with Anticancer and Antiangiogenic Activities. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 5337-5349.	6.4	73
8	A Novel Small-Molecule Inhibitor Targeting the IL-6 Receptor β 2 Subunit, Glycoprotein 130. <i>Journal of Immunology</i> , 2015, 195, 237-245.	0.8	71
9	HS-173, a Novel PI3K Inhibitor, Attenuates the Activation of Hepatic Stellate Cells in Liver Fibrosis. <i>Scientific Reports</i> , 2013, 3, 3470.	3.3	66
10	Targeted Delivery System of Nanobiomaterials in Anticancer Therapy: From Cells to Clinics. <i>BioMed Research International</i> , 2014, 2014, 1-23.	1.9	58
11	Anti-Cancer Effect of Betulin on a Human Lung Cancer Cell Line: A Pharmacoproteomic Approach Using 2D SDS PAGE Coupled with Nano-HPLC Tandem Mass Spectrometry. <i>Planta Medica</i> , 2009, 75, 127-131.	1.3	56
12	The use of low molecular weight heparin-pluronic nanogels to impede liver fibrosis by inhibition the TGF- β 2/Smad signaling pathway. <i>Biomaterials</i> , 2011, 32, 1438-1445.	11.4	55
13	Oncolytic adenovirus expressing relaxin (YDC002) enhances therapeutic efficacy of gemcitabine against pancreatic cancer. <i>Cancer Letters</i> , 2017, 396, 155-166.	7.2	55
14	The protective effect of resveratrol on dimethylnitrosamine-induced liver fibrosis in rats. <i>Archives of Pharmacal Research</i> , 2010, 33, 601-609.	6.3	53
15	Protective effect of fucoidan against acetaminophen-induced liver injury. <i>Archives of Pharmacal Research</i> , 2012, 35, 1099-1105.	6.3	51
16	Morin protects acute liver damage by carbon tetrachloride (CCl4) in rat. <i>Archives of Pharmacal Research</i> , 2008, 31, 1160-1165.	6.3	49
17	Diclofenac impairs autophagic flux via oxidative stress and lysosomal dysfunction: Implications for hepatotoxicity. <i>Redox Biology</i> , 2020, 37, 101751.	9.0	49
18	SB365 inhibits angiogenesis and induces apoptosis of hepatocellular carcinoma through modulation of PI3K/Akt/mTOR signaling pathway. <i>Cancer Science</i> , 2012, 103, 1929-1937.	3.9	47

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19	SB365, Pulsatilla saponin D suppresses the proliferation of human colon cancer cells and induces apoptosis by modulating the AKT/mTOR signalling pathway. <i>Food Chemistry</i> , 2013, 136, 26-33.	8.2	47
20	A systematic review on metabolomics-based diagnostic biomarker discovery and validation in pancreatic cancer. <i>Metabolomics</i> , 2018, 14, 109.	3.0	46
21	Interaction characteristics of flavonoids with human organic anion transporter 1 (hOAT1) and 3 (hOAT3). <i>Pharmacological Research</i> , 2007, 56, 468-473.	7.1	45
22	Discovery of new azaindole-based PI3K inhibitors: Apoptotic and antiangiogenic effect on cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 7212-7215.	2.2	45
23	Suppression by Fucoidan of Liver Fibrogenesis via the TGF- β 2/Smad Pathway in Protecting against Oxidative Stress. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 833-840.	1.3	45
24	Effects of Environmental Temperature Change on Mercury Absorption in Aquatic Organisms with Respect to Climate Warming. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 1477-1490.	2.3	45
25	HS-173, a novel phosphatidylinositol 3-kinase (PI3K) inhibitor, has anti-tumor activity through promoting apoptosis and inhibiting angiogenesis. <i>Cancer Letters</i> , 2013, 328, 152-159.	7.2	42
26	Tumor vessel normalization by the PI3K inhibitor HS-173 enhances drug delivery. <i>Cancer Letters</i> , 2017, 403, 339-353.	7.2	41
27	A novel imidazopyridine PI3K inhibitor with anticancer activity in non-small cell lung cancer cells. <i>Oncology Reports</i> , 2013, 30, 863-869.	2.6	39
28	An Integrative Data Mining and Omics-Based Translational Model for the Identification and Validation of Oncogenic Biomarkers of Pancreatic Cancer. <i>Cancers</i> , 2019, 11, 155.	3.7	39
29	KRAS targeting antibody synergizes anti-cancer activity of gemcitabine against pancreatic cancer. <i>Cancer Letters</i> , 2018, 438, 174-186.	7.2	38
30	Systematic assessment of cervical cancer initiation and progression uncovers genetic panels for deep learning-based early diagnosis and proposes novel diagnostic and prognostic biomarkers. <i>Oncotarget</i> , 2017, 8, 109436-109456.	1.8	37
31	Targeting L-type amino acid transporter 1 for anticancer therapy: clinical impact from diagnostics to therapeutics. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 1319-1337.	3.4	36
32	HS-173, a novel PI3K inhibitor suppresses EMT and metastasis in pancreatic cancer. <i>Oncotarget</i> , 2016, 7, 78029-78047.	1.8	35
33	HS-116, a novel phosphatidylinositol 3-kinase inhibitor induces apoptosis and suppresses angiogenesis of hepatocellular carcinoma through inhibition of the PI3K/AKT/mTOR pathway. <i>Cancer Letters</i> , 2012, 316, 187-195.	7.2	34
34	A novel imidazopyridine derivative, HS-106, induces apoptosis of breast cancer cells and represses angiogenesis by targeting the PI3K/mTOR pathway. <i>Cancer Letters</i> , 2013, 329, 59-67.	7.2	34
35	SB365, Pulsatilla saponin D suppresses proliferation and induces apoptosis of pancreatic cancer cells. <i>Oncology Reports</i> , 2013, 30, 801-808.	2.6	33
36	Docetaxel induced JNK2/PHD1 signaling pathway increases degradation of HIF-1 α and causes cancer cell death under hypoxia. <i>Scientific Reports</i> , 2016, 6, 27382.	3.3	33

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37	HS-1371, a novel kinase inhibitor of RIP3-mediated necroptosis. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-15.	7.7	33
38	Discovery of New Benzothiazole-Based Inhibitors of Breakpoint Cluster Region-Abelson Kinase Including the T315I Mutant. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3531-3545.	6.4	32
39	Spheroid-Induced Epithelial-Mesenchymal Transition Provokes Global Alterations of Breast Cancer Lipidome: A Multi-Layered Omics Analysis. <i>Frontiers in Oncology</i> , 2019, 9, 145.	2.8	31
40	Selonsertib Inhibits Liver Fibrosis via Downregulation of ASK1/ MAPK Pathway of Hepatic Stellate Cells. <i>Biomolecules and Therapeutics</i> , 2020, 28, 527-536.	2.4	30
41	Synergistic anticancer activity of HS-173, a novel PI3K inhibitor in combination with Sorafenib against pancreatic cancer cells. <i>Cancer Letters</i> , 2013, 331, 250-261.	7.2	29
42	Therapeutic effect of human clonal bone marrow-derived mesenchymal stem cells in severe acute pancreatitis. <i>Archives of Pharmacal Research</i> , 2015, 38, 742-751.	6.3	29
43	Radiosensitization of the PI3K inhibitor HS-173 through reduction of DNA damage repair in pancreatic cancer. <i>Oncotarget</i> , 2017, 8, 112893-112906.	1.8	29
44	Melatonin Synergizes with Sorafenib to Suppress Pancreatic Cancer via Melatonin Receptor and PDGFR- β /STAT3 Pathway. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 1751-1768.	1.6	26
45	<i>Artemisia Capillaris</i> leaves inhibit cell proliferation and induce apoptosis in hepatocellular carcinoma. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 147.	3.7	25
46	Protective Effect of Morin on Dimethylnitrosamine-Induced Hepatic Fibrosis in Rats. <i>Digestive Diseases and Sciences</i> , 2009, 54, 782-788.	2.3	24
47	An Effective Assessment of Simvastatin-Induced Toxicity with NMR-Based Metabonomics Approach. <i>PLoS ONE</i> , 2011, 6, e16641.	2.5	22
48	KRC-408, a novel c-Met inhibitor, suppresses cell proliferation and angiogenesis of gastric cancer. <i>Cancer Letters</i> , 2013, 332, 74-82.	7.2	22
49	Synthesis of Gemcitabine-Threonine Amide Prodrug Effective on Pancreatic Cancer Cells with Improved Pharmacokinetic Properties. <i>Molecules</i> , 2018, 23, 2608.	3.8	21
50	An ethyl acetate fraction of <i>Artemisia capillaris</i> (ACE $\hat{=}$ 63) induced apoptosis and anti-angiogenesis via inhibition of PI3K/AKT signaling in hepatocellular carcinoma. <i>Phytotherapy Research</i> , 2018, 32, 2034-2046.	5.8	21
51	Crizotinib Exhibits Antitumor Activity by Targeting ALK Signaling not c-MET in Pancreatic Cancer. <i>Oncotarget</i> , 2014, 5, 9150-9168.	1.8	21
52	Systemic and Local Metabolic Alterations in Sleep-Deprivation-Induced Stress: A Multiplatform Mass-Spectrometry-Based Lipidomics and Metabolomics Approach. <i>Journal of Proteome Research</i> , 2019, 18, 3295-3304.	3.7	19
53	Identification of 4-Phenoxyquinoline Based Inhibitors for L1196M Mutant of Anaplastic Lymphoma Kinase by Structure-Based Design. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9205-9221.	6.4	18
54	Anti-cancer effect of HS-345, a new tropomyosin-related kinase A inhibitor, on human pancreatic cancer. <i>Cancer Letters</i> , 2013, 338, 271-281.	7.2	17

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55	ANGPTL4 accelerates KRASG12D-Induced acinar to ductal metaplasia and pancreatic carcinogenesis. <i>Cancer Letters</i> , 2021, 519, 185-198.	7.2	17
56	Centella asiatica Leaf Extract Protects Against Indomethacin-Induced Gastric Mucosal Injury in Rats. <i>Journal of Medicinal Food</i> , 2016, 19, 38-46.	1.5	16
57	HS-173 as a novel inducer of RIP3-dependent necroptosis in lung cancer. <i>Cancer Letters</i> , 2019, 444, 94-104.	7.2	16
58	Suppression of tumor proliferation and angiogenesis of hepatocellular carcinoma by HS-104, a novel phosphoinositide 3-kinase inhibitor. <i>Cancer Letters</i> , 2013, 328, 176-187.	7.2	15
59	Artemisia capillaris extract AC68 induces apoptosis of hepatocellular carcinoma by blocking the PI3K/AKT pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018, 98, 134-141.	5.6	15
60	ANGPTL 4 exacerbates pancreatitis by augmenting acinar cell injury through upregulation of C5a. <i>EMBO Molecular Medicine</i> , 2020, 12, e11222.	6.9	15
61	A novel imidazopyridine analogue as a phosphatidylinositol 3-kinase inhibitor against human breast cancer. <i>Cancer Letters</i> , 2012, 318, 68-75.	7.2	14
62	Effect of adipose-derived stem cell-conditioned medium on the proliferation and migration of B16 melanoma cells. <i>Oncology Letters</i> , 2015, 10, 730-736.	1.8	14
63	Novel 5,6-disubstituted pyrrolo[2,3-d]pyrimidine derivatives as broad spectrum antiproliferative agents: Synthesis, cell based assays, kinase profile and molecular docking study. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5596-5611.	3.0	14
64	Development and Therapeutic Potential of NUAKs Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 2-25.	6.4	14
65	HS-543 induces apoptosis of Imatinib-resistant chronic myelogenous leukemia with T315I mutation. <i>Oncotarget</i> , 2015, 6, 1507-1518.	1.8	14
66	A formulated red ginseng extract inhibits autophagic flux and sensitizes to doxorubicin-induced cell death. <i>Journal of Ginseng Research</i> , 2019, 43, 86-94.	5.7	12
67	A Serum Marker for Early Pancreatic Cancer With a Possible Link to Diabetes. <i>Journal of the National Cancer Institute</i> , 2022, 114, 228-234.	6.3	12
68	IPD-196, a novel phosphatidylinositol 3-kinase inhibitor with potent anticancer activity against hepatocellular carcinoma. <i>Cancer Letters</i> , 2013, 329, 99-108.	7.2	11
69	HS-438, a new inhibitor of Imatinib-resistant BCR-ABL T315I mutation in chronic myeloid leukemia. <i>Cancer Letters</i> , 2014, 348, 50-60.	7.2	11
70	Anticancer activity of HS-527, a novel inhibitor targeting PI3-kinase in human pancreatic cancer cells. <i>Cancer Letters</i> , 2014, 353, 68-77.	7.2	11
71	Apoptotic Effects of <i>Xanthium strumarium</i> via PI3K/AKT/mTOR Pathway in Hepatocellular Carcinoma. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-13.	1.2	11
72	Steroidomics for the Prevention, Assessment, and Management of Cancers: A Systematic Review and Functional Analysis. <i>Metabolites</i> , 2019, 9, 199.	2.9	11

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73	PBT-6, a Novel PI3KC2 β Inhibitor in Rheumatoid Arthritis. <i>Biomolecules and Therapeutics</i> , 2020, 28, 172-183.	2.4	11
74	Investigation of metabolite alteration in dimethylnitrosamine-induced liver fibrosis by GC-MS. <i>Bioanalysis</i> , 2013, 5, 41-51.	1.5	10
75	SB365, Pulsatilla saponin D, suppresses the growth of gefitinib-resistant NSCLC cells with Met amplification. <i>Oncology Reports</i> , 2014, 32, 2612-2618.	2.6	10
76	HS-104, a PI3K inhibitor, enhances the anticancer efficacy of gemcitabine in pancreatic cancer. <i>International Journal of Oncology</i> , 2014, 45, 311-321.	3.3	10
77	Aminoacyl-tRNA synthetase interacting multi-functional protein 1 attenuates liver fibrosis by inhibiting TGF β signaling. <i>International Journal of Oncology</i> , 2016, 48, 747-755.	3.3	10
78	Enhanced systemic availability of methotrexate in the presence of morin in rats. <i>Biopharmaceutics and Drug Disposition</i> , 2008, 29, 189-193.	1.9	9
79	Antiangiogenic Activity of <i>Acer tegmentosum</i> Maxim Water Extract in Vitro and in Vivo. <i>Journal of Korean Medical Science</i> , 2015, 30, 979.	2.5	8
80	CD-200 induces apoptosis and inhibits Bcr-Abl signaling in imatinib-resistant chronic myeloid leukemia with T315I mutation. <i>International Journal of Oncology</i> , 2015, 47, 253-261.	3.3	7
81	Neutralizing antibody to proNGF rescues erectile function by regulating the expression of neurotrophic and angiogenic factors in a mouse model of cavernous nerve injury. <i>Andrology</i> , 2021, 9, 329-341.	3.5	7
82	Intracellular KRAS-specific antibody enhances the anti-tumor efficacy of gemcitabine in pancreatic cancer by inducing endosomal escape. <i>Cancer Letters</i> , 2021, 507, 97-111.	7.2	7
83	A novel tropomyosin-related kinase A inhibitor, KK5101 to treat pancreatic cancer. <i>Cancer Letters</i> , 2018, 426, 25-36.	7.2	6
84	MEK blockade overcomes the limited activity of palbociclib in head and neck cancer. <i>Translational Oncology</i> , 2020, 13, 100833.	3.7	6
85	Metabolomics Approach Based on Multivariate Techniques for Blood Transfusion Reactions. <i>Scientific Reports</i> , 2019, 9, 1740.	3.3	5
86	HS-133, a novel fluorescent phosphatidylinositol 3-kinase inhibitor as a potential imaging and anticancer agent for targeted therapy. <i>Oncotarget</i> , 2014, 5, 10180-10197.	1.8	5
87	Emerging roles of PHLPP phosphatases in metabolism. <i>BMB Reports</i> , 2021, 54, 451-457.	2.4	5
88	Anticancer effects of KI-10F: A novel compound affecting apoptosis, angiogenesis and cell growth in colon cancer. <i>International Journal of Oncology</i> , 2012, 41, 1715-1722.	3.3	4
89	<i>Artemisiae Iwayomogii</i> Herba Inhibits Growth, Motility, and the PI3K/AKT/mTOR Signaling Pathway in Hepatocellular Carcinoma Cells. <i>Planta Medica</i> , 2020, 86, 717-727.	1.3	4
90	The effect of HS-111, a novel thiazolamine derivative, on apoptosis and angiogenesis of hepatocellular carcinoma cells. <i>Archives of Pharmacal Research</i> , 2012, 35, 747-754.	6.3	3

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91	Optimization and biological evaluation of aminopyrimidine-based H^2 kinase H^2 inhibitors with potent anti-inflammatory effects. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 544-556.	5.5	3
92	Combination Therapy of the Active KRAS-Targeting Antibody in Ras37 and a PI3K Inhibitor in Pancreatic Cancer. <i>Biomolecules and Therapeutics</i> , 2022, 30, 274-283.	2.4	3
93	Pericyte-derived extracellular vesicles-mimetic nanovesicles improves peripheral nerve regeneration in mouse models of sciatic nerve transection. <i>International Journal of Molecular Medicine</i> , 2021, 49, .	4.0	3
94	Prokinetic effects of LD02GIFRO on functional gastrointestinal disorder in rats. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 2043-2049.	1.8	2
95	HS-146, a novel phosphoinositide 3-kinase H^2 inhibitor, induces the apoptosis and inhibits the metastatic ability of human breast cancer cells. <i>International Journal of Oncology</i> , 2020, 56, 1509-1520.	3.3	2
96	Heat Shock Protein 70 in Penile Neurovascular Regeneration Requires Cystathionine Gamma-Lyase. <i>World Journal of Men's Health</i> , 2022, 40, 580.	3.3	2
97	Reply. <i>Gastroenterology</i> , 2013, 145, 257-258.	1.3	1
98	SB365 induces apoptosis and suppresses proliferation of glioblastoma cells. <i>Indian Journal of Pharmacology</i> , 2020, 52, 102.	0.7	1