

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	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
2	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
3	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
4	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
5	Development and Therapeutic Potential of NUAKs Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 2-25.	6.4	14
6	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
7	ANGPTL4 accelerates KRASG12D-Induced acinar to ductal metaplasia and pancreatic carcinogenesis. <i>Cancer Letters</i> , 2021, 519, 185-198.	7.2	17
8	Emerging roles of PHLPP phosphatases in metabolism. <i>BMB Reports</i> , 2021, 54, 451-457.	2.4	5
9	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
10	Diclofenac impairs autophagic flux via oxidative stress and lysosomal dysfunction: Implications for hepatotoxicity. <i>Redox Biology</i> , 2020, 37, 101751.	9.0	49
11	MEK blockade overcomes the limited activity of palbociclib in head and neck cancer. <i>Translational Oncology</i> , 2020, 13, 100833.	3.7	6
12	Artemisiae Iwayomogii 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
13	ANGPTL 4 exacerbates pancreatitis by augmenting acinar cell injury through upregulation of C5a. <i>EMBO Molecular Medicine</i> , 2020, 12, e11222.	6.9	15
14	PBT-6, a Novel PI3K β Inhibitor in Rheumatoid Arthritis. <i>Biomolecules and Therapeutics</i> , 2020, 28, 172-183.	2.4	11
15	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
16	SB365 induces apoptosis and suppresses proliferation of glioblastoma cells. <i>Indian Journal of Pharmacology</i> , 2020, 52, 102.	0.7	1
17	HS-146, a novel phosphoinositide 3-kinase β 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
18	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

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19	Apoptotic Effects of <i>Xanthium strumarium</i> via PI3K/AKT/mTOR Pathway in Hepatocellular Carcinoma. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-13.	1.2	11
20	Steroidomics for the Prevention, Assessment, and Management of Cancers: A Systematic Review and Functional Analysis. Metabolites, 2019, 9, 199.	2.9	11
21	An Integrative Data Mining and Omics-Based Translational Model for the Identification and Validation of Oncogenic Biomarkers of Pancreatic Cancer. Cancers, 2019, 11, 155.	3.7	39
22	Spheroid-Induced Epithelial-Mesenchymal Transition Provokes Global Alterations of Breast Cancer Lipidome: A Multi-Layered Omics Analysis. Frontiers in Oncology, 2019, 9, 145.	2.8	31
23	Metabolomics Approach Based on Multivariate Techniques for Blood Transfusion Reactions. Scientific Reports, 2019, 9, 1740.	3.3	5
24	HS-173 as a novel inducer of RIP3-dependent necroptosis in lung cancer. Cancer Letters, 2019, 444, 94-104.	7.2	16
25	A formulated red ginseng extract inhibits autophagic flux and sensitizes to doxorubicin-induced cell death. Journal of Ginseng Research, 2019, 43, 86-94.	5.7	12
26	Artemisia capillaris extract AC68 induces apoptosis of hepatocellular carcinoma by blocking the PI3K/AKT pathway. Biomedicine and Pharmacotherapy, 2018, 98, 134-141.	5.6	15
27	A novel tropomyosin-related kinase A inhibitor, KK5101 to treat pancreatic cancer. Cancer Letters, 2018, 426, 25-36.	7.2	6
28	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. Bioorganic and Medicinal Chemistry, 2018, 26, 5596-5611.	3.0	14
29	Synthesis of Gemcitabine-Threonine Amide Prodrug Effective on Pancreatic Cancer Cells with Improved Pharmacokinetic Properties. Molecules, 2018, 23, 2608.	3.8	21
30	HS-1371, a novel kinase inhibitor of RIP3-mediated necroptosis. Experimental and Molecular Medicine, 2018, 50, 1-15.	7.7	33
31	KRAS targeting antibody synergizes anti-cancer activity of gemcitabine against pancreatic cancer. Cancer Letters, 2018, 438, 174-186.	7.2	38
32	An ethyl acetate fraction of <i>Artemisia capillaris</i> (ACE63) induced apoptosis and anti-angiogenesis via inhibition of PI3K/AKT signaling in hepatocellular carcinoma. Phytotherapy Research, 2018, 32, 2034-2046.	5.8	21
33	Melatonin Synergizes with Sorafenib to Suppress Pancreatic Cancer via Melatonin Receptor and PDGFR- β /STAT3 Pathway. Cellular Physiology and Biochemistry, 2018, 47, 1751-1768.	1.6	26
34	Artemisia Capillaris leaves inhibit cell proliferation and induce apoptosis in hepatocellular carcinoma. BMC Complementary and Alternative Medicine, 2018, 18, 147.	3.7	25
35	A systematic review on metabolomics-based diagnostic biomarker discovery and validation in pancreatic cancer. Metabolomics, 2018, 14, 109.	3.0	46
36	Oncolytic adenovirus expressing relaxin (YDC002) enhances therapeutic efficacy of gemcitabine against pancreatic cancer. Cancer Letters, 2017, 396, 155-166.	7.2	55

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37	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
38	Tumor vessel normalization by the PI3K inhibitor HS-173 enhances drug delivery. <i>Cancer Letters</i> , 2017, 403, 339-353.	7.2	41
39	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
40	Prokinetic effects of LD02GIFRO on functional gastrointestinal disorder in rats. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 2043-2049.	1.8	2
41	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
42	NQO1 inhibits proteasome-mediated degradation of HIF-1 α . <i>Nature Communications</i> , 2016, 7, 13593.	12.8	125
43	Optimization and biological evaluation of aminopyrimidine-based I^{B} kinase I^2 inhibitors with potent anti-inflammatory effects. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 544-556.	5.5	3
44	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
45	Aminoacyl-tRNA synthetase interacting multi-functional protein 1 attenuates liver fibrosis by inhibiting TGF β^2 signaling. <i>International Journal of Oncology</i> , 2016, 48, 747-755.	3.3	10
46	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
47	HS-173, a novel PI3K inhibitor suppresses EMT and metastasis in pancreatic cancer. <i>Oncotarget</i> , 2016, 7, 78029-78047.	1.8	35
48	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
49	Antiangiogenic Activity of Acer tegmentosum Maxim Water Extract in Vitro and in Vivo. <i>Journal of Korean Medical Science</i> , 2015, 30, 979.	2.5	8
50	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
51	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
52	A Novel Small-Molecule Inhibitor Targeting the IL-6 Receptor I^2 Subunit, Glycoprotein 130. <i>Journal of Immunology</i> , 2015, 195, 237-245.	0.8	71
53	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
54	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

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55	HS-543 induces apoptosis of Imatinib-resistant chronic myelogenous leukemia with T315I mutation. <i>Oncotarget</i> , 2015, 6, 1507-1518.	1.8	14
56	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
57	Targeted Delivery System of Nanobiomaterials in Anticancer Therapy: From Cells to Clinics. <i>BioMed Research International</i> , 2014, 2014, 1-23.	1.9	58
58	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
59	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
60	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
61	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
62	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
63	Crizotinib Exhibits Antitumor Activity by Targeting ALK Signaling not c-MET in Pancreatic Cancer. <i>Oncotarget</i> , 2014, 5, 9150-9168.	1.8	21
64	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
65	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
66	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
67	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
68	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
69	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
70	Reply. <i>Gastroenterology</i> , 2013, 145, 257-258.	1.3	1
71	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
72	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

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73	Investigation of metabolite alteration in dimethylnitrosamine-induced liver fibrosis by GC-MS. <i>Bioanalysis</i> , 2013, 5, 41-51.	1.5	10
74	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
75	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
76	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
77	SB365, Pulsatilla saponin D suppresses proliferation and induces apoptosis of pancreatic cancer cells. <i>Oncology Reports</i> , 2013, 30, 801-808.	2.6	33
78	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
79	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
80	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
81	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
82	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
83	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
84	Progress in cancer therapy targeting c-Met signaling pathway. <i>Archives of Pharmacal Research</i> , 2012, 35, 595-604.	6.3	76
85	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
86	Protective effect of fucoidan against acetaminophen-induced liver injury. <i>Archives of Pharmacal Research</i> , 2012, 35, 1099-1105.	6.3	51
87	Suppression by Fucoidan of Liver Fibrogenesis via the TGF- β /Smad Pathway in Protecting against Oxidative Stress. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 833-840.	1.3	45
88	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
89	An Effective Assessment of Simvastatin-Induced Toxicity with NMR-Based Metabonomics Approach. <i>PLoS ONE</i> , 2011, 6, e16641.	2.5	22
90	The use of low molecular weight heparin-pluronic nanogels to impede liver fibrosis by inhibition the TGF- β /Smad signaling pathway. <i>Biomaterials</i> , 2011, 32, 1438-1445.	11.4	55

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91	The protective effect of resveratrol on dimethylnitrosamine-induced liver fibrosis in rats. Archives of Pharmacol Research, 2010, 33, 601-609.	6.3	53
92	Multifunctional doxorubicin loaded superparamagnetic iron oxide nanoparticles for chemotherapy and magnetic resonance imaging in liver cancer. Biomaterials, 2010, 31, 4995-5006.	11.4	297
93	Discovery of new azaindole-based PI3K α inhibitors: Apoptotic and antiangiogenic effect on cancer cells. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 7212-7215.	2.2	45
94	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. Planta Medica, 2009, 75, 127-131.	1.3	56
95	Protective Effect of Morin on Dimethylnitrosamine-Induced Hepatic Fibrosis in Rats. Digestive Diseases and Sciences, 2009, 54, 782-788.	2.3	24
96	Morin protects acute liver damage by carbon tetrachloride (CCl ₄) in rat. Archives of Pharmacol Research, 2008, 31, 1160-1165.	6.3	49
97	Enhanced systemic availability of methotrexate in the presence of morin in rats. Biopharmaceutics and Drug Disposition, 2008, 29, 189-193.	1.9	9
98	Interaction characteristics of flavonoids with human organic anion transporter 1 (hOAT1) and 3 (hOAT3). Pharmacological Research, 2007, 56, 468-473.	7.1	45