Hyun Seung Ban

List of Publications by Year
in descending order

83	2,471	186254	233409
papers	citations	28 h-index	45 g-index

87	87	87	3399
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Capsaicin inhibits HIF-1Î± accumulation through suppression of mitochondrial respiration in lung cancer cells. Biomedicine and Pharmacotherapy, 2022, 146, 112500.	5.6	13
2	Hypoxia-inducible factor (HIF) inhibitors: a patent survey (2016â€“2020). Expert Opinion on Therapeutic Patents, 2021, 31, 387-397.	5.0	20
3	Licochalcone A inhibits hypoxia-inducible factor-1Î± accumulation by suppressing mitochondrial respiration in hypoxic cancer cells. Biomedicine and Pharmacotherapy, 2021, 133, 111082.	5.6	18
4	Phospholipid transfer function of PTPIP51 at mitochondriaâ€associated ER membranes. EMBO Reports, 2021, 22, e51323.	4.5	54
5	Long-term depletion of cereblon induces mitochondrial dysfunction in cancer cells. BMB Reports, 2021, 54, 305-310.	2.4	3
6	Development of curcumin-based amyloid Î² aggregation inhibitors for Alzheimer's disease using the SAR matrix approach. Bioorganic and Medicinal Chemistry, 2021, 46, 116357.	3.0	6
7	Carborane as an Alternative Efficient Hydrophobic Tag for Protein Degradation. Bioconjugate Chemistry, 2021, 32, 2377-2385.	3.6	12
8	The disubstituted adamantyl derivative LW1564 inhibits the growth of cancer cells by targeting mitochondrial respiration and reducing hypoxia-inducible factor (HIF)-1Î± accumulation. Experimental and Molecular Medicine, 2020, 52, 1845-1856.	7.7	10
9	Epigenetic Associations between lncRNA/circRNA and miRNA in Hepatocellular Carcinoma. Cancers, 2020, 12, 2622.	3.7	108
10	High-Performance Conducting Polymer Nanotube-based Liquid-Ion Gated Field-Effect Transistor Aptasensor for Dopamine Exocytosis. Scientific Reports, 2020, 10, 3772.	3.3	29
11	Suppression of HIF-1Î± accumulation by betulinic acid through proteasome activation in hypoxic cervical cancer. Biochemical and Biophysical Research Communications, 2020, 523, 726-732.	2.1	16
12	Epigenetic Alterations of Heat Shock Proteins (HSPs) in Cancer. International Journal of Molecular Sciences, 2019, 20, 4758.	4.1	23
13	PI3K/AKT/Î²-Catenin Signaling Regulates Vestigial-Like 1 Which Predicts Poor Prognosis and Enhances Malignant Phenotype in Gastric Cancer. Cancers, 2019, 11, 1923.	3.7	22
14	The Roles of Hypoxia-Inducible Factors and Non-Coding RNAs in Gastrointestinal Cancer. Genes, 2019, 10, 1008.	2.4	14
15	Thermotherapy for Na+/Iâ¯ symporter-expressing cancer using anti-Na+/Iâ¯ symporter antibody-conjugated magnetite nanoparticles. Journal of Industrial and Engineering Chemistry, 2018, 63, 359-365.	5.8	5
16	Stability of the cancer target DDIAS is regulated by the CHIP/HSP70 pathway in lung cancer cells. Cell Death and Disease, 2018, 8, e2554-e2554.	6.3	18
17	DDIAS suppresses TRAIL-mediated apoptosis by inhibiting DISC formation and destabilizing caspase-8 in cancer cells. Oncogene, 2018, 37, 1251-1262.	5.9	21
18	Bcl-2-dependent synthetic lethal interaction of the IDF-11774 with the V0 subunit C of vacuolar ATPase (ATP6V0C) in colorectal cancer. British Journal of Cancer, 2018, 119, 1347-1357.	6.4	18

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19	The Epigenetic Regulation of HCC Metastasis. International Journal of Molecular Sciences, 2018, 19, 3978.	4.1	80
20	o-Carboranylalkoxy-1,3,5-Triazine Derivatives: Synthesis, Characterization, X-ray Structural Studies, and Biological Activity. Molecules, 2018, 23, 2194.	3.8	5
21	Recent Development of Nanoparticle-based Boron Delivery Systems for Neutron Capture Therapy. , 2018, , 49-68.		3
22	Synthesis and biological evaluation of kresoxim-methyl analogues as novel inhibitors of hypoxia-inducible factor (HIF)-1 accumulation in cancer cells. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3026-3029.	2.2	19
23	The novel hypoxia-inducible factor-1Î± inhibitor IDF-11774 regulates cancer metabolism, thereby suppressing tumor growth. Cell Death and Disease, 2017, 8, e2843-e2843.	6.3	65
24	Discovery of (2-aminophenyl)methanol as a new molecular chaperone that rescues the localization of P123S mutant pendrin stably expressed in HEK293 cells. Bioorganic and Medicinal Chemistry, 2017, 25, 2601-2608.	3.0	1
25	Methyl 3-(3-(4-(2,4,4-Trimethylpentan-2-yl)phenoxy)-propanamido)benzoate as a Novel and Dual Malate Dehydrogenase (MDH) 1/2 Inhibitor Targeting Cancer Metabolism. Journal of Medicinal Chemistry, 2017, 60, 8631-8646.	6.4	24
26	A Novel Malate Dehydrogenase 2 Inhibitor Suppresses Hypoxia-Inducible Factor-1 by Regulating Mitochondrial Respiration. PLoS ONE, 2016, 11, e0162568.	2.5	40
27	Identification of Targets of the HIF-1 Inhibitor IDF-11774 Using Alkyne-Conjugated Photoaffinity Probes. Bioconjugate Chemistry, 2016, 27, 1911-1920.	3.6	25
28	DNA damage induced apoptosis suppressor (DDIAS) is upregulated via ERK5/MEF2B signaling and promotes Î²-catenin-mediated invasion. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 1449-1458.	1.9	25
29	Data on the transcriptional regulation of DNA damage induced apoptosis suppressor (DDIAS) by ERK5/MEF2B pathway in lung cancer cells. Data in Brief, 2016, 9, 257-261.	1.0	1
30	Hypoxia-inducible factor (HIF) inhibitors: a patent survey (2011-2015). Expert Opinion on Therapeutic Patents, 2016, 26, 309-322.	5.0	40
31	Properties of a glycogen like polysaccharide produced by a mutant of Escherichia coli lacking glycogen synthase and maltodextrin phosphorylase. Carbohydrate Polymers, 2016, 136, 649-655.	10.2	5
32	DNA damage-induced apoptosis suppressor (DDIAS), a novel target of NFATc1, is associated with cisplatin resistance in lung cancer. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 40-49.	4.1	34
33	NFATc1 regulates the transcription of DNA damage-induced apoptosis suppressor. Data in Brief, 2015, 5, 975-980.	1.0	5
34	Boron-Based Drug Design. Chemical Record, 2015, 15, 616-635.	5.8	119
35	Synthesis and Structureâ€“Activity Relationship Study of Chemical Probes as Hypoxia Induced Factor-1Î±/Malate Dehydrogenase 2 Inhibitors. Journal of Medicinal Chemistry, 2014, 57, 9522-9538.	6.4	34
36	Diaryl-substituted ortho-carboranes as a new class of hypoxia inducible factor-1Î± inhibitors. Dalton Transactions, 2014, 43, 4941-4944.	3.3	19

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37	p300 cooperates with c-Jun and PARP-1 at the p300 binding site to activate RhoB transcription in NSC126188-mediated apoptosis. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 364-373.	1.9	24
38	Design of Photoaffinity Probe Molecules for Identification and Modification of Target Proteins. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2014, 27, 453-458.	0.3	3
39	Synthesis and biological evaluation of ortho-carborane containing benzoxazole asÂan inhibitor of hypoxia inducible factor (HIF)-1 transcriptional activity. Journal of Organometallic Chemistry, 2013, 747, 189-194.	1.8	20
40	Identification of Malate Dehydrogenaseâ€...2 as a Target Protein of the HIFâ€1 Inhibitor LW6 using Chemical Probes. Angewandte Chemie - International Edition, 2013, 52, 10286-10289.	13.8	77
41	Development of High Boron Content Liposomes and Their Promising Antitumor Effect for Neutron Capture Therapy of Cancers. Bioconjugate Chemistry, 2013, 24, 124-132.	3.6	74
42	Development of hypoxia-inducible factor (HIF)-1Î± inhibitors: Effect of ortho-carborane substituents on HIF transcriptional activity under hypoxia. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 806-810.	2.2	24
43	Discovery of Indenopyrazoles as a New Class of Hypoxia Inducible Factor (HIF)-1 Inhibitors. ACS Medicinal Chemistry Letters, 2013, 4, 297-301.	2.8	46
44	Identification of Malate Dehydrogenaseâ€...2 as a Target Protein of the HIFâ€1 Inhibitor LW6 using Chemical Probes. Angewandte Chemie, 2013, 125, 10476-10479.	2.0	3
45	Design and synthesis of fluorescence-labeled closo-dodecaborate lipid: its liposome formation and in vivo imaging targeting of tumors for boronneutron capture therapy. Organic and Biomolecular Chemistry, 2012, 10, 1374-1380.	2.8	39
46	Synthesis and biological activity of furanylindazoles as inhibitors of hypoxia inducible factor (HIF)-1 transcriptional activity. MedChemComm, 2012, 3, 1455.	3.4	21
47	Discovery of 1-[4-(N-benzylamino)phenyl]-3-phenylurea derivatives as non-peptidic selective SUMO-sentrin specific protease (SENP)1 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5169-5173.	2.2	35
48	Identification of heat shock protein 60 as the regulator of the hypoxia-inducible factor subunit HIF-1Î±. Pure and Applied Chemistry, 2012, 84, 2325-2337.	1.9	12
49	Discovery of ortho-Carborane-Conjugated Triazines as Selective Topoisomerase I/II Inhibitors. Australian Journal of Chemistry, 2011, 64, 1430.	0.9	11
50	Hypoxia-inducible factor inhibitors: a survey of recent patented compounds (2004 â€“ 2010). Expert Opinion on Therapeutic Patents, 2011, 21, 131-146.	5.0	39
51	Biological evaluation of dopamine analogues containing phenylboronic acid group as new boron carriers. Applied Radiation and Isotopes, 2011, 69, 1771-1773.	1.5	2
52	Facile synthesis of 4â€substituted 3,4â€dihydroâ€1Hâ€2,1,3â€benzothiadiazine 2,2â€dioxides. Heteroatom Chemistry, 2011, 22, 192-197.	0.7	3
53	Inhibition of prostaglandin E2 production by 2â€²-hydroxychalcone derivatives and the mechanism of action. Journal of Pharmacy and Pharmacology, 2010, 53, 1295-1302.	2.4	16
54	Discovery of Carboranes as Inducers of 20S Proteasome Activity. ChemMedChem, 2010, 5, 1236-1241.	3.2	17

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55	Boronâ€Containing Protoporphyrinâ€…IX Derivatives and Their Modification for Boron Neutron Capture Therapy: Synthesis, Characterization, and Comparative In Vitro Toxicity Evaluation. Chemistry - A European Journal, 2010, 16, 1543-1552.	3.3	46
56	Enhancement of EGFR tyrosine kinase inhibition by Câ€“C multiple bonds-containing anilinoquinazolines. Bioorganic and Medicinal Chemistry, 2010, 18, 870-879.	3.0	19
57	Dodecaborate lipid liposomes as new vehicles for boron delivery system of neutron capture therapy. Bioorganic and Medicinal Chemistry, 2010, 18, 3059-3065.	3.0	57
58	Boron-containing phenoxyacetanilide derivatives as hypoxia-inducible factor (HIF)-1Î± inhibitors. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 1453-1456.	2.2	57
59	Liposomal neutron capture therapy. Drug Delivery System, 2010, 25, 474-482.	0.0	3
60	Identification of HSP60 as a Primary Target of o-Carboranylphenoxyacetanilide, an HIF-1Î± Inhibitor. Journal of the American Chemical Society, 2010, 132, 11870-11871.	13.7	89
61	Suppression of hypoxia-induced HIF-1Î± accumulation by VEGFR inhibitors: Different profiles of AAL993 versus SU5416 and KRN633. Cancer Letters, 2010, 296, 17-26.	7.2	26
62	Selective inhibition of EGFR and VEGFR2 tyrosine kinases controlled by a boronic acid substituent on 4-anilinoquinazolines. MedChemComm, 2010, 1, 282.	3.4	19
63	New types of potential BNCT agents, o-carboranyl aminoalcohols. Tetrahedron Letters, 2009, 50, 2960-2963.	1.4	7
64	Synthesis and biological evaluation of boron peptide analogues of Belactosin C as proteasome inhibitors. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3220-3224.	2.2	19
65	Development of boron nanocapsules for neutron capture therapy. Applied Radiation and Isotopes, 2009, 67, S84-S87.	1.5	9
66	1-[4-(N-Benzylamino)phenyl]-3-phenylurea derivatives as a new class of hypoxia-inducible factor-1Î± inhibitors. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3166-3169.	2.2	25
67	Discovery of boron-conjugated 4-anilinoquinazoline as a prolonged inhibitor of EGFR tyrosine kinase. Organic and Biomolecular Chemistry, 2009, 7, 4415.	2.8	40
68	Effects of hyperin, isoquercitrin and quercetin on lipopolysaccharideâ€induced nitrite production in rat peritoneal macrophages. Phytotherapy Research, 2008, 22, 1552-1556.	5.8	71
69	Allene as an Alternative Functional Group for Drug Design: Effect of Cï£¿C Multiple Bonds Conjugated with Quinazolines on the Inhibition of EGFR Tyrosine Kinase. ChemMedChem, 2008, 3, 1094-1103.	3.2	19
70	Discovery of indenopyrazoles as EGFR and VEGFR-2 tyrosine kinase inhibitors by in silico high-throughput screening. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 285-288.	2.2	41
71	de novo Design and synthesis of N-benzylanilines as new candidates for VEGFR tyrosine kinase inhibitors. Organic and Biomolecular Chemistry, 2008, 6, 979.	2.8	16
72	Inhibition of Lipopolysaccharide-Induced Prostaglandin E2 Production and Inflammation by the Na+/H+ Exchanger Inhibitors. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 345-352.	2.5	24

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73	Involvement of Na⁺/H⁺ exchangers in induction of cyclooxygenaseâ€2 by vacuolarâ€type (H⁺)â€ATPase inhibitors in RAW 264 cells. FEBS Letters, 2007, 581, 4633-4638.	2.8	6
74	Synthesis of dodecaborate-conjugated cholesterols for efficient boron delivery in neutron capture therapy. Tetrahedron Letters, 2007, 48, 3151-3154.	1.4	47
75	Synthesis of closo-Dodecaboryl Lipids and their Liposomal Formation for Boron Neutron Capture Therapy. Nanobiotechnology, 2007, 3, 135-145.	1.2	18
76	Synthesis and biological evaluation of benzamides and benzamidines as selective inhibitors of VEGFR tyrosine kinases. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5127-5131.	2.2	32
77	Lignans fromAcanthopanax chiisanensis having an inhibitory activity on prostaglandin E2 production. Phytotherapy Research, 2005, 19, 103-106.	5.8	17
78	Induction of Nitric Oxide Production by the Cytostatic Macrolide Apicularen A [2,4-Heptadienamide, N-[(1E)-3-[(3S,5R,7R,9S)-3,4,5,6,7,8,9,10-octahydro-7,14 Dihydroxy-1-oxo-5,9-epoxy-1H-2-benzoxacyclododecin-3-yl]-1 propenyl]-, (2Z,4Z)-(9CI)] and Possible Role of Nitric Oxide in Apicularen A-Induced Apoptosis in RAW 264.7 Cells. Journal of Pharmacology and Experimental Therapeutics, 2005, 312, 968-977.	2.5	12
79	Inhibition of lipopolysaccharide-induced expression of inducible nitric oxide synthase and tumor necrosis factor-Î± by 2â€²-hydroxychalcone derivatives in RAW 264.7 cells. Biochemical Pharmacology, 2004, 67, 1549-1557.	4.4	80
80	Inhibitory Effects of Furanocoumarins Isolated from the Roots ofAngelica dahuricaon Prostaglandin E2Production. Planta Medica, 2003, 69, 408-412.	1.3	86
81	Effect of the Essential Oil from the Flowers of Magnolia sieboldii on the Lipopolysaccharide-Induced Production of Nitric Oxide and Prostaglandin E2 by Rat Peritoneal Macrophages. Planta Medica, 2002, 68, 459-462.	1.3	24
82	Inhibition of prostaglandin E2 production by taiwanin C isolated from the root of Acanthopanax chiisanensis and the mechanism of action. Biochemical Pharmacology, 2002, 64, 1345-1354.	4.4	34
83	Inhibition of Prostaglandin E2 Production by Platycodin D Isolated from the Root of Platycodon grandiflorum. Planta Medica, 2001, 67, 362-364.	1.3	107