

Hyun Seung Ban

List of Publications by Year in descending order

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83
papers

2,471
citations

212478

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263392

45
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87
all docs

87
docs citations

87
times ranked

3687
citing authors

#	ARTICLE	IF	CITATIONS
1	Capsaicin inhibits HIF-1 α accumulation through suppression of mitochondrial respiration in lung cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112500.	2.5	13
2	Hypoxia-inducible factor (HIF) inhibitors: a patent survey (2016–2020). <i>Expert Opinion on Therapeutic Patents</i> , 2021, 31, 387-397.	2.4	20
3	Licochalcone A inhibits hypoxia-inducible factor-1 α accumulation by suppressing mitochondrial respiration in hypoxic cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111082.	2.5	18
4	Phospholipid transfer function of PTPIP51 at mitochondria-associated ER membranes. <i>EMBO Reports</i> , 2021, 22, e51323.	2.0	54
5	Long-term depletion of cereblon induces mitochondrial dysfunction in cancer cells. <i>BMB Reports</i> , 2021, 54, 305-310.	1.1	3
6	Development of curcumin-based amyloid β aggregation inhibitors for Alzheimer's disease using the SAR matrix approach. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 46, 116357.	1.4	6
7	Carborane as an Alternative Efficient Hydrophobic Tag for Protein Degradation. <i>Bioconjugate Chemistry</i> , 2021, 32, 2377-2385.	1.8	12
8	The disubstituted adamantyl derivative LW1564 inhibits the growth of cancer cells by targeting mitochondrial respiration and reducing hypoxia-inducible factor (HIF)-1 α accumulation. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1845-1856.	3.2	10
9	Epigenetic Associations between lncRNA/circRNA and miRNA in Hepatocellular Carcinoma. <i>Cancers</i> , 2020, 12, 2622.	1.7	108
10	High-Performance Conducting Polymer Nanotube-based Liquid-Ion Gated Field-Effect Transistor Aptasensor for Dopamine Exocytosis. <i>Scientific Reports</i> , 2020, 10, 3772.	1.6	29
11	Suppression of HIF-1 α accumulation by betulinic acid through proteasome activation in hypoxic cervical cancer. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 726-732.	1.0	16
12	Epigenetic Alterations of Heat Shock Proteins (HSPs) in Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4758.	1.8	23
13	PI3K/AKT/ β -Catenin Signaling Regulates Vestigial-Like 1 Which Predicts Poor Prognosis and Enhances Malignant Phenotype in Gastric Cancer. <i>Cancers</i> , 2019, 11, 1923.	1.7	22
14	The Roles of Hypoxia-Inducible Factors and Non-Coding RNAs in Gastrointestinal Cancer. <i>Genes</i> , 2019, 10, 1008.	1.0	14
15	Thermotherapy for Na ⁺ /I ⁻ symporter-expressing cancer using anti-Na ⁺ /I ⁻ symporter antibody-conjugated magnetite nanoparticles. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 63, 359-365.	2.9	5
16	Stability of the cancer target DDIAS is regulated by the CHIP/HSP70 pathway in lung cancer cells. <i>Cell Death and Disease</i> , 2018, 8, e2554-e2554.	2.7	18
17	DDIAS suppresses TRAIL-mediated apoptosis by inhibiting DISC formation and destabilizing caspase-8 in cancer cells. <i>Oncogene</i> , 2018, 37, 1251-1262.	2.6	21
18	Bcl-2-dependent synthetic lethal interaction of the IDF-11774 with the V0 subunit C of vacuolar ATPase (ATP6V0C) in colorectal cancer. <i>British Journal of Cancer</i> , 2018, 119, 1347-1357.	2.9	18

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19	The Epigenetic Regulation of HCC Metastasis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3978.	1.8	80
20	o-Carboranylalkoxy-1,3,5-Triazine Derivatives: Synthesis, Characterization, X-ray Structural Studies, and Biological Activity. <i>Molecules</i> , 2018, 23, 2194.	1.7	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. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3026-3029.	1.0	19
23	The novel hypoxia-inducible factor-1 α inhibitor IDF-11774 regulates cancer metabolism, thereby suppressing tumor growth. <i>Cell Death and Disease</i> , 2017, 8, e2843-e2843.	2.7	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. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2601-2608.	1.4	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. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8631-8646.	2.9	24
26	A Novel Malate Dehydrogenase 2 Inhibitor Suppresses Hypoxia-Inducible Factor-1 by Regulating Mitochondrial Respiration. <i>PLoS ONE</i> , 2016, 11, e0162568.	1.1	40
27	Identification of Targets of the HIF-1 Inhibitor IDF-11774 Using Alkyne-Conjugated Photoaffinity Probes. <i>Bioconjugate Chemistry</i> , 2016, 27, 1911-1920.	1.8	25
28	DNA damage induced apoptosis suppressor (DDIAS) is upregulated via ERK5/MEF2B signaling and promotes β -catenin-mediated invasion. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 1449-1458.	0.9	25
29	Data on the transcriptional regulation of DNA damage induced apoptosis suppressor (DDIAS) by ERK5/MEF2B pathway in lung cancer cells. <i>Data in Brief</i> , 2016, 9, 257-261.	0.5	1
30	Hypoxia-inducible factor (HIF) inhibitors: a patent survey (2011-2015). <i>Expert Opinion on Therapeutic Patents</i> , 2016, 26, 309-322.	2.4	40
31	Properties of a glycogen like polysaccharide produced by a mutant of <i>Escherichia coli</i> lacking glycogen synthase and maltodextrin phosphorylase. <i>Carbohydrate Polymers</i> , 2016, 136, 649-655.	5.1	5
32	DNA damage-induced apoptosis suppressor (DDIAS), a novel target of NFATc1, is associated with cisplatin resistance in lung cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 40-49.	1.9	34
33	NFATc1 regulates the transcription of DNA damage-induced apoptosis suppressor. <i>Data in Brief</i> , 2015, 5, 975-980.	0.5	5
34	Boron-Based Drug Design. <i>Chemical Record</i> , 2015, 15, 616-635.	2.9	119
35	Synthesis and Structure-Activity Relationship Study of Chemical Probes as Hypoxia Induced Factor-1 α /Malate Dehydrogenase 2 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 9522-9538.	2.9	34
36	Diaryl-substituted ortho-carboranes as a new class of hypoxia inducible factor-1 α inhibitors. <i>Dalton Transactions</i> , 2014, 43, 4941-4944.	1.6	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. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 364-373.	0.9	24
38	Design of Photoaffinity Probe Molecules for Identification and Modification of Target Proteins. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2014, 27, 453-458.	0.1	3
39	Synthesis and biological evaluation of ortho-carborane containing benzoxazole as an inhibitor of hypoxia inducible factor (HIF)-1 transcriptional activity. <i>Journal of Organometallic Chemistry</i> , 2013, 747, 189-194.	0.8	20
40	Identification of Malate Dehydrogenase...2 as a Target Protein of the HIF-1 Inhibitor LW6 using Chemical Probes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10286-10289.	7.2	77
41	Development of High Boron Content Liposomes and Their Promising Antitumor Effect for Neutron Capture Therapy of Cancers. <i>Bioconjugate Chemistry</i> , 2013, 24, 124-132.	1.8	74
42	Development of hypoxia-inducible factor (HIF)-1 α inhibitors: Effect of ortho-carborane substituents on HIF transcriptional activity under hypoxia. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 806-810.	1.0	24
43	Discovery of Indenopyrazoles as a New Class of Hypoxia Inducible Factor (HIF)-1 Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 297-301.	1.3	46
44	Identification of Malate Dehydrogenase...2 as a Target Protein of the HIF-1 Inhibitor LW6 using Chemical Probes. <i>Angewandte Chemie</i> , 2013, 125, 10476-10479.	1.6	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. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1374-1380.	1.5	39
46	Synthesis and biological activity of furanylindazoles as inhibitors of hypoxia inducible factor (HIF)-1 transcriptional activity. <i>MedChemComm</i> , 2012, 3, 1455.	3.5	21
47	Discovery of 1-[4-(N-benzylamino)phenyl]-3-phenylurea derivatives as non-peptidic selective SUMO-sentrin specific protease (SEN)1 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5169-5173.	1.0	35
48	Identification of heat shock protein 60 as the regulator of the hypoxia-inducible factor subunit HIF-1 α . <i>Pure and Applied Chemistry</i> , 2012, 84, 2325-2337.	0.9	12
49	Discovery of ortho-Carborane-Conjugated Triazines as Selective Topoisomerase I/II Inhibitors. <i>Australian Journal of Chemistry</i> , 2011, 64, 1430.	0.5	11
50	Hypoxia-inducible factor inhibitors: a survey of recent patented compounds (2004 – 2010). <i>Expert Opinion on Therapeutic Patents</i> , 2011, 21, 131-146.	2.4	39
51	Biological evaluation of dopamine analogues containing phenylboronic acid group as new boron carriers. <i>Applied Radiation and Isotopes</i> , 2011, 69, 1771-1773.	0.7	2
52	Facile synthesis of 4-substituted 3,4-dihydro-2,1,3-benzothiadiazine 2,2-dioxides. <i>Heteroatom Chemistry</i> , 2011, 22, 192-197.	0.4	3
53	Inhibition of prostaglandin E2 production by 2-hydroxychalcone derivatives and the mechanism of action. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 53, 1295-1302.	1.2	16
54	Discovery of Carboranes as Inducers of 20S Proteasome Activity. <i>ChemMedChem</i> , 2010, 5, 1236-1241.	1.6	17

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55	Boron-Containing Protoporphyrin IX Derivatives and Their Modification for Boron Neutron Capture Therapy: Synthesis, Characterization, and Comparative In Vitro Toxicity Evaluation. <i>Chemistry - A European Journal</i> , 2010, 16, 1543-1552.	1.7	46
56	Enhancement of EGFR tyrosine kinase inhibition by C multiple bonds-containing anilinoquinazolines. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 870-879.	1.4	19
57	Dodecaborate lipid liposomes as new vehicles for boron delivery system of neutron capture therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3059-3065.	1.4	57
58	Boron-containing phenoxyacetanilide derivatives as hypoxia-inducible factor (HIF)-1 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1453-1456.	1.0	57
59	Liposomal neutron capture therapy. <i>Drug Delivery System</i> , 2010, 25, 474-482.	0.0	3
60	Identification of HSP60 as a Primary Target of <i>o</i> -Carboranylphenoxyacetanilide, an HIF-1 Inhibitor. <i>Journal of the American Chemical Society</i> , 2010, 132, 11870-11871.	6.6	89
61	Suppression of hypoxia-induced HIF-1 accumulation by VEGFR inhibitors: Different profiles of AAL993 versus SU5416 and KR633. <i>Cancer Letters</i> , 2010, 296, 17-26.	3.2	26
62	Selective inhibition of EGFR and VEGFR2 tyrosine kinases controlled by a boronic acid substituent on 4-anilinoquinazolines. <i>MedChemComm</i> , 2010, 1, 282.	3.5	19
63	New types of potential BNCT agents, <i>o</i> -carboranyl aminoalcohols. <i>Tetrahedron Letters</i> , 2009, 50, 2960-2963.	0.7	7
64	Synthesis and biological evaluation of boron peptide analogues of Belactosin C as proteasome inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3220-3224.	1.0	19
65	Development of boron nanocapsules for neutron capture therapy. <i>Applied Radiation and Isotopes</i> , 2009, 67, S84-S87.	0.7	9
66	1-[4-(N-Benzylamino)phenyl]-3-phenylurea derivatives as a new class of hypoxia-inducible factor-1 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3166-3169.	1.0	25
67	Discovery of boron-conjugated 4-anilinoquinazoline as a prolonged inhibitor of EGFR tyrosine kinase. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4415.	1.5	40
68	Effects of hyperin, isoquercitrin and quercetin on lipopolysaccharide-induced nitrite production in rat peritoneal macrophages. <i>Phytotherapy Research</i> , 2008, 22, 1552-1556.	2.8	71
69	Allene as an Alternative Functional Group for Drug Design: Effect of C Multiple Bonds Conjugated with Quinazolines on the Inhibition of EGFR Tyrosine Kinase. <i>ChemMedChem</i> , 2008, 3, 1094-1103.	1.6	19
70	Discovery of indenopyrazoles as EGFR and VEGFR-2 tyrosine kinase inhibitors by in silico high-throughput screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 285-288.	1.0	41
71	de novo Design and synthesis of N-benzylanilines as new candidates for VEGFR tyrosine kinase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 979.	1.5	16
72	Inhibition of Lipopolysaccharide-Induced Prostaglandin E2 Production and Inflammation by the Na ⁺ /H ⁺ Exchanger Inhibitors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 345-352.	1.3	24

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73	Involvement of Na ⁺ /H ⁺ exchangers in induction of cyclooxygenase-2 by vacuolar H ⁺ -ATPase inhibitors in RAW 264 cells. <i>FEBS Letters</i> , 2007, 581, 4633-4638.	1.3	6
74	Synthesis of dodecaborate-conjugated cholesterols for efficient boron delivery in neutron capture therapy. <i>Tetrahedron Letters</i> , 2007, 48, 3151-3154.	0.7	47
75	Synthesis of closo-Dodecaboryl Lipids and their Liposomal Formation for Boron Neutron Capture Therapy. <i>Nanobiotechnology</i> , 2007, 3, 135-145.	1.2	18
76	Synthesis and biological evaluation of benzamides and benzamidines as selective inhibitors of VEGFR tyrosine kinases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5127-5131.	1.0	32
77	Lignans from <i>Acanthopanax chiisanensis</i> having an inhibitory activity on prostaglandin E2 production. <i>Phytotherapy Research</i> , 2005, 19, 103-106.	2.8	17
78	Induction of Nitric Oxide Production by the Cytostatic Macrolide Apicularen A [2,4-Heptadienamido, 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. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 312, 968-977.	1.3	12
79	Inhibition of lipopolysaccharide-induced expression of inducible nitric oxide synthase and tumor necrosis factor- α by 2-hydroxychalcone derivatives in RAW 264.7 cells. <i>Biochemical Pharmacology</i> , 2004, 67, 1549-1557.	2.0	80
80	Inhibitory Effects of Furanocoumarins Isolated from the Roots of <i>Angelica dahurica</i> on Prostaglandin E2 Production. <i>Planta Medica</i> , 2003, 69, 408-412.	0.7	86
81	Effect of the Essential Oil from the Flowers of <i>Magnolia sieboldii</i> on the Lipopolysaccharide-Induced Production of Nitric Oxide and Prostaglandin E2 by Rat Peritoneal Macrophages. <i>Planta Medica</i> , 2002, 68, 459-462.	0.7	24
82	Inhibition of prostaglandin E2 production by taiwanin C isolated from the root of <i>Acanthopanax chiisanensis</i> and the mechanism of action. <i>Biochemical Pharmacology</i> , 2002, 64, 1345-1354.	2.0	34
83	Inhibition of Prostaglandin E2 Production by Platycodin D Isolated from the Root of <i>Platycodon grandiflorum</i> . <i>Planta Medica</i> , 2001, 67, 362-364.	0.7	107