Sungwoo hong

List of Publications by Year in Descending Order

166 papers	4,476 citations	38 h-index	56 g-index
204 ext. papers	5,467 ext. citations	7.6 avg, IF	6.29 L-index

#	Paper	IF	Citations
166	Enantioselective functionalization at the C4 position of pyridinium salts through NHC catalysis.. *Nature Communications*, **2022**, 13, 1776	17.4	3
165	Visible-Light-Induced C4-Selective Functionalization of Pyridinium Salts with Cyclopropanols. *Angewandte Chemie - International Edition*, **2021**,	16.4	4
164	Remote C□H Pyridylation of Hydroxamates through Direct Photoexcitation of O-Aryl Oxime Pyridinium Intermediates. *Angewandte Chemie*, **2021**, 133, 27017	3.6	
163	Remote C-H Pyridylation of Hydroxamates through Direct Photoexcitation of O-Aryl Oxime Pyridinium Intermediates. *Angewandte Chemie - International Edition*, **2021**, 60, 26813-26821	16.4	2
162	Visible-Light-Induced 1,3-Aminopyridylation of [1.1.1]Propellane with N-Aminopyridinium Salts. *Angewandte Chemie*, **2021**, 133, 7952-7958	3.6	4
161	Structure-Based Virtual Screening and De Novo Design of PIM1 Inhibitors with Anticancer Activity from Natural Products. *Pharmaceuticals*, **2021**, 14,	5.2	3
160	Visible-Light-Induced 1,3-Aminopyridylation of [1.1.1]Propellane with N-Aminopyridinium Salts. *Angewandte Chemie - International Edition*, **2021**, 60, 7873-7879	16.4	29
159	Visible-light-induced Reactions Driven by Photochemical Activity of Quinolinone and Coumarin Scaffolds. *Asian Journal of Organic Chemistry*, **2021**, 10, 1012-1023	3	2
158	Regio- and Stereoselective Functionalization Enabled by Bidentate Directing Groups. *Chemical Record*, **2021**,	6.6	5
157	Visible Light-Induced Intramolecular C-O Bond Formation via 1,5-Hydrogen Atom Transfer Strategy. *Bulletin of the Korean Chemical Society*, **2021**, 42, 548-552	1.2	1
156	Site-Selective Direct C-H Pyridylation of Unactivated Alkanes by Triplet Excited Anthraquinone. *Journal of the American Chemical Society*, **2021**, 143, 3003-3012	16.4	30
155	□Selective C(sp)-H amination via controlled migratory hydroamination. *Nature Communications*, **2021**, 12, 5657	17.4	5
154	Divergent reactivity of sulfinates with pyridinium salts based on one- two-electron pathways. *Chemical Science*, **2021**, 12, 6629-6637	9.4	14
153	Regiodivergent Conversion of Alkenes to Branched or Linear Alkylpyridines.. *Organic Letters*, **2021**,	6.2	2
152	Rational Computational Design of Fourth-Generation EGFR Inhibitors to Combat Drug-Resistant Non-Small Cell Lung Cancer. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	1
151	C2-Selective C-H Methylation of Heterocyclic -Oxides with Sulfonium Ylides. *Organic Letters*, **2020**, 22, 9004-9009	6.2	14
150	Visible-Light-Enabled Trifluoromethylative Pyridylation of Alkenes from Pyridines and Triflic Anhydride. *Angewandte Chemie - International Edition*, **2020**, 59, 13379-13384	16.4	35

149	A human protein hydroxylase that accepts D-residues. *Communications Chemistry*, **2020**, 3,	6.3	4
148	Visible-Light-Enabled Trifluoromethylative Pyridylation of Alkenes from Pyridines and Triflic Anhydride. *Angewandte Chemie*, **2020**, 132, 13481-13486	3.6	15
147	Visible-Light-Driven C4-Selective Alkylation of Pyridinium Derivatives with Alkyl Bromides. *Journal of the American Chemical Society*, **2020**, 142, 11370-11375	16.4	51
146	Photocatalytic Vicinal Aminopyridylation of Methyl Ketones by a Double Umpolung Strategy. *Angewandte Chemie*, **2020**, 132, 17664-17669	3.6	5
145	Photocatalytic Vicinal Aminopyridylation of Methyl Ketones by a Double Umpolung Strategy. *Angewandte Chemie - International Edition*, **2020**, 59, 17511-17516	16.4	11
144	Visible-Light-Enabled -Selective Aminopyridylation of Alkenes with -Aminopyridinium Ylides. *Journal of the American Chemical Society*, **2020**, 142, 12420-12429	16.4	33
143	N-Heterocyclic carbene-catalyzed deaminative cross-coupling of aldehydes with Katritzky pyridinium salts. *Chemical Science*, **2020**, 11, 3192-3197	9.4	63
142	HS-146, a novel phosphoinositide 3-kinase □ inhibitor, induces the apoptosis and inhibits the metastatic ability of human breast cancer cells. *International Journal of Oncology*, **2020**, 56, 1509-1520	4.4	1
141	Photochemical Carbopyridylation of Alkenes Using N-Alkenoxypyridinium Salts as Bifunctional Reagents. *Angewandte Chemie - International Edition*, **2020**, 59, 2049-2054	16.4	44
140	Photochemical Carbopyridylation of Alkenes Using N-Alkenoxypyridinium Salts as Bifunctional Reagents. *Angewandte Chemie*, **2020**, 132, 2065-2070	3.6	14
139	Kinase and GPCR polypharmacological approach for the identification of efficient anticancer medicines. *Organic and Biomolecular Chemistry*, **2020**, 18, 8402-8413	3.9	1
138	NiH-Catalyzed Proximal-Selective Hydroamination of Unactivated Alkenes. *Journal of the American Chemical Society*, **2020**, 142, 20470-20480	16.4	33
137	Functionalization of Pyridinium Derivatives with 1,4-Dihydropyridines Enabled by Photoinduced Charge Transfer. *Organic Letters*, **2020**, 22, 8730-8734	6.2	33
136	Regioselective C-H Functionalization of Heteroarene N-Oxides Enabled by a Traceless Nucleophile. *Angewandte Chemie - International Edition*, **2020**, 59, 22675-22683	16.4	11
135	Regioselective C□H Functionalization of Heteroarene N-Oxides Enabled by a Traceless Nucleophile. *Angewandte Chemie*, **2020**, 132, 22864-22872	3.6	2
134	Visible-Light-Induced Cysteine-Specific Bioconjugation: Biocompatible Thiol□Ene Click Chemistry. *Angewandte Chemie*, **2020**, 132, 22703-22711	3.6	3
133	Visible-Light-Induced Cysteine-Specific Bioconjugation: Biocompatible Thiol-Ene Click Chemistry. *Angewandte Chemie - International Edition*, **2020**, 59, 22514-22522	16.4	22
132	Visible-Light-Induced ortho-Selective Migration on Pyridyl Ring: Trifluoromethylative Pyridylation of Unactivated Alkenes. *Angewandte Chemie - International Edition*, **2020**, 59, 281-285	16.4	50

131	Visible-Light-Induced ortho-Selective Migration on Pyridyl Ring: Trifluoromethylative Pyridylation of Unactivated Alkenes. *Angewandte Chemie*, **2020**, 132, 287-291	3.6	17
130	Visible light induced alkene aminopyridylation using N-aminopyridinium salts as bifunctional reagents. *Nature Communications*, **2019**, 10, 4117	17.4	72
129	Site-Selective C–H Acylation of Pyridinium Derivatives by Photoredox Catalysis. *ACS Catalysis*, **2019**, 9, 9891-9896	13.1	41
128	Site-Selective Functionalization of Pyridinium Derivatives via Visible-Light-Driven Photocatalysis with Quinolinone. *Journal of the American Chemical Society*, **2019**, 141, 9239-9248	16.4	59
127	Site-Selective 1,1-Difunctionalization of Unactivated Alkenes Enabled by Cationic Palladium Catalysis. *Journal of the American Chemical Society*, **2019**, 141, 10048-10059	16.4	55
126	Allylic Acetals as Acrolein Oxonium Precursors in Tandem C-H Allylation and [3+2] Dipolar Cycloaddition. *Angewandte Chemie - International Edition*, **2019**, 58, 9470-9474	16.4	26
125	Visible-Light Excitation of Quinolinone-Containing Substrates Enables Divergent Radical Cyclizations. *Organic Letters*, **2019**, 21, 3417-3421	6.2	28
124	Visible-light-induced cascade radical ring-closure and pyridylation for the synthesis of tetrahydrofurans. *Green Chemistry*, **2019**, 21, 2082-2087	10	44
123	Strategic Approach to the Metamorphosis of δ-Lactones to NH δ-Lactams via Reductive Cleavage and C-H Amidation. *Organic Letters*, **2019**, 21, 7099-7103	6.2	9
122	Allylic Acetals as Acrolein Oxonium Precursors in Tandem C–H Allylation and [3+2] Dipolar Cycloaddition. *Angewandte Chemie*, **2019**, 131, 9570-9574	3.6	0
121	Visible-Light-Induced Remote C(sp)-H Pyridylation of Sulfonamides and Carboxamides. *Organic Letters*, **2019**, 21, 9719-9723	6.2	35
120	HS-173 as a novel inducer of RIP3-dependent necroptosis in lung cancer. *Cancer Letters*, **2019**, 444, 94-104	5.9	8
119	Site-Selective C–H Bond Functionalization of Chromones and Coumarins. *Asian Journal of Organic Chemistry*, **2018**, 7, 1136-1150	3	29
118	Systematic Computational Design and Identification of Low Picomolar Inhibitors of Aurora Kinase A. *Journal of Chemical Information and Modeling*, **2018**, 58, 700-709	6.1	14
117	Synthesis of 2-Benzazepines from Benzylamines and MBH Adducts Under Rhodium(III) Catalysis via C(sp2)–H Functionalization. *ACS Catalysis*, **2018**, 8, 742-746	13.1	28
116	Palladium-Catalyzed Divergent Arylation of Triazolopyridines: A Computational Study. *Chemistry - an Asian Journal*, **2018**, 13, 2505-2510	4.5	2
115	High-throughput chemical screening to discover new modulators of microRNA expression in living cells by using graphene-based biosensor. *Scientific Reports*, **2018**, 8, 11413	4.9	11
114	One-pot bifunctionalization of unactivated alkenes, P(O)–H compounds, and N-methoxypyridinium salts for the construction of β-pyridyl alkylphosphonates. *Organic Chemistry Frontiers*, **2018**, 5, 2595-2603	5.2	15

113	Reactivity of Morita-Baylis-Hillman Adducts in C-H Functionalization of (Hetero)aryl Nitrones: Access to Bridged Cycles and Carbazoles. *Organic Letters*, **2018**, 20, 4632-4636	6.2	16
112	Stereoselective construction of sterically hindered oxaspirocycles chiral bidentate directing group-mediated C(sp)-O bond formation. *Chemical Science*, **2018**, 9, 1473-1480	9.4	23
111	Discovery of fluorescent 3-heteroarylcoumarin derivatives as novel inhibitors of anaplastic lymphoma kinase. *Organic and Biomolecular Chemistry*, **2018**, 17, 186-194	3.9	10
110	Visible-Light-Photocatalyzed Synthesis of Phenanthridinones and Quinolinones via Direct Oxidative C-H Amidation. *Organic Letters*, **2018**, 20, 240-243	6.2	56
109	Visible-Light-Induced C-O Bond Formation for the Construction of Five- and Six-Membered Cyclic Ethers and Lactones. *Organic Letters*, **2018**, 20, 7437-7441	6.2	30
108	One-pot synthesis of 2-naphthols from nitrones and MBH adducts via decarboxylative N□O bond cleavage. *Organic Chemistry Frontiers*, **2018**, 5, 3210-3218	5.2	12
107	Visible-Light-Induced Pyridylation of Remote C(sp)-H Bonds by Radical Translocation of N-Alkoxypyridinium Salts. *Angewandte Chemie - International Edition*, **2018**, 57, 15517-15522	16.4	98
106	Regiodivergent Ring-Opening Cross-Coupling of Vinyl Aziridines with Phosphorus Nucleophiles: Access to Phosphorus-Containing Amino Acid Derivatives. *Organic Letters*, **2018**, 20, 7571-7575	6.2	9
105	Visible-Light-Induced Pyridylation of Remote C(sp3)□H Bonds by Radical Translocation of N-Alkoxypyridinium Salts. *Angewandte Chemie*, **2018**, 130, 15743-15748	3.6	35
104	Synthesis of Gemcitabine-Threonine Amide Prodrug Effective on Pancreatic Cancer Cells with Improved Pharmacokinetic Properties. *Molecules*, **2018**, 23,	4.8	15
103	Metal-free photocatalytic trifluoromethylative pyridylation of unactivated alkenes. *Green Chemistry* , **2018**, 20, 5209-5214	10	45
102	HS-1371, a novel kinase inhibitor of RIP3-mediated necroptosis. *Experimental and Molecular Medicine*, **2018**, 50, 1-15	12.8	22
101	Direct Phosphonation of Quinolinones and Coumarins Driven by the Photochemical Activity of Substrates and Products. *Organic Letters*, **2017**, 19, 1394-1397	6.2	75
100	Discovery of EGF Receptor Inhibitors That Are Selective for the d746-750/T790M/C797S Mutant through Structure-Based de Novo Design. *Angewandte Chemie*, **2017**, 129, 7742-7746	3.6	7
99	Discovery of EGF Receptor Inhibitors That Are Selective for the d746-750/T790M/C797S Mutant through Structure-Based de Novo Design. *Angewandte Chemie - International Edition*, **2017**, 56, 7634-7638	16.4	38
98	Metal- and oxidant-free S□P(O) bond construction via direct coupling of P(O)H with sulfinic acids. *Green Chemistry*, **2017**, 19, 1005-1013	10	30
97	Efficient Synthesis of Anthraquinones from Diaryl Carboxylic Acids via Palladium(II)-Catalyzed and Visible Light-Mediated Transformations. *Advanced Synthesis and Catalysis*, **2017**, 359, 848-852	5.6	9
96	Identification of 4-Phenoxyquinoline Based Inhibitors for L1196M Mutant of Anaplastic Lymphoma Kinase by Structure-Based Design. *Journal of Medicinal Chemistry*, **2017**, 60, 9205-9221	8.3	13

95	Visible Light-Promoted Synthesis of Spiroepoxy Chromanone Derivatives via a Tandem Oxidation/Radical Cyclization/Epoxidation Process. *Advanced Synthesis and Catalysis*, **2017**, 359, 3945-3949	5.6	25
94	Fascaplysin Exerts Anti-Cancer Effects through the Downregulation of Survivin and HIF-1□ and Inhibition of VEGFR2 and TRKA. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	17
93	Identification of lead small molecule inhibitors of glycogen synthase kinase-3 beta using a fragment-linking strategy. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 5669-5673	2.9	7
92	Palladium-Catalyzed Divergent Arylation with Triazolopyridines: One-Pot Synthesis of 6-Aryl-2-□-styrylpyridines. *Advanced Synthesis and Catalysis*, **2016**, 358, 958-964	5.6	21
91	Discovery of Dual Inhibitors for Wild Type and D816V Mutant of c-KIT Kinase through Virtual and Biochemical Screening of Natural Products. *Journal of Natural Products*, **2016**, 79, 293-9	4.9	12
90	Unraveling innate substrate control in site-selective palladium-catalyzed C-H heterocycle functionalization. *Chemical Science*, **2016**, 7, 3900-3909	9.4	51
89	HS-173, a novel PI3K inhibitor suppresses EMT and metastasis in pancreatic cancer. *Oncotarget*, **2016**, 7, 78029-78047	3.3	26
88	Rhodium-Catalyzed Direct C□H Phosphorylation of (Hetero)arenes Suitable for Late-Stage Functionalization. *Advanced Synthesis and Catalysis*, **2016**, 358, 1296-1301	5.6	41
87	Palladium(II)-Catalyzed Tandem Synthesis of Acenes Using Carboxylic Acids as Traceless Directing Groups. *Angewandte Chemie*, **2016**, 128, 8794-8797	3.6	12
86	Palladium(II)-Catalyzed Tandem Synthesis of Acenes Using Carboxylic Acids as Traceless Directing Groups. *Angewandte Chemie - International Edition*, **2016**, 55, 8652-5	16.4	43
85	Strategies to overcome acquired resistances conferred by mutations in the kinase domain of EGFR. *Future Medicinal Chemistry*, **2016**, 8, 853-78	4.1	14
84	Discovery of Low Micromolar Dual Inhibitors for Wild Type and L1196M Mutant of Anaplastic Lymphoma Kinase through Structure-Based Virtual Screening. *Journal of Chemical Information and Modeling*, **2016**, 56, 802-10	6.1	9
83	Application of Fragment-Based de Novo Design to the Discovery of Selective Picomolar Inhibitors of Glycogen Synthase Kinase-3 Beta. *Journal of Medicinal Chemistry*, **2016**, 59, 9018-9034	8.3	15
82	Optimization and biological evaluation of aminopyrimidine-based IB kinase □inhibitors with potent anti-inflammatory effects. *European Journal of Medicinal Chemistry*, **2016**, 123, 544-556	6.8	2
81	Rh(III)-catalyzed direct C-H/C-H cross-coupling of quinones with arenes assisted by a directing group: identification of carbazole quinones as GSK□inhibitors. *Organic and Biomolecular Chemistry*, **2015**, 13, 3918-23	3.9	45
80	Catalyst Controlled Divergent C4/C8 Site-Selective C-H Arylation of Isoquinolones. *Organic Letters*, **2015**, 17, 3864-7	6.2	50
79	Tandem Dehydrogenation/Oxidation/Oxidative Cyclization Approach to Wrightiadione and Its Derivatives. *Organic Letters*, **2015**, 17, 3252-5	6.2	16
78	Rh(III) and Ru(II)-catalyzed site-selective C-H alkynylation of quinolones. *Organic Letters*, **2015**, 17, 1938-41	6.2	63

77	Asymmetric C-H functionalization of cyclopropanes using an isoleucine-NH bidentate directing group. *Chemical Science*, **2015**, 6, 3611-3616	9.4	66
76	Ru(II)-Catalyzed Site-Selective Hydroxylation of Flavone and Chromone Derivatives: The Importance of the 5-Hydroxyl Motif for the Inhibition of Aurora Kinases. *Organic Letters*, **2015**, 17, 2550-3	6.2	37
75	RhI-Catalyzed Site-Selective Decarbonylative Alkenylation and Arylation of Quinolones under Chelation Assistance. *European Journal of Organic Chemistry*, **2015**, 2015, 3671-3678	3.2	21
74	Regioselective palladium(II)-catalyzed aerobic oxidative Heck-type C3 alkenylation of sulfocoumarins. *Organic Chemistry Frontiers*, **2015**, 2, 1621-1624	5.2	5
73	Identification of -Lapachone Analogs as Novel MALT1 Inhibitors To Treat an Aggressive Subtype of Diffuse Large B-Cell Lymphoma. *Journal of Medicinal Chemistry*, **2015**, 58, 8491-502	8.3	41
72	Structure-based de novo design and synthesis of aminothiazole-based p38 MAP kinase inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 3784-7	2.9	5
71	Discovery of wrightiadione as a novel template for the TrkA kinase inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 5186-9	2.9	7
70	Efficient synthesis of frutinone A and its derivatives through palladium-catalyzed C - H activation/carbonylation. *Chemistry - an Asian Journal*, **2015**, 10, 878-81	4.5	17
69	Rh(iii)-catalyzed 7-azaindole synthesis via C-H activation/annulative coupling of aminopyridines with alkynes. *Chemical Communications*, **2015**, 51, 11202-5	5.8	33
68	Computational design and discovery of nanomolar inhibitors of IB kinase *Journal of the American Chemical Society*, **2015**, 137, 337-48	16.4	28
67	HS-543 induces apoptosis of Imatinib-resistant chronic myelogenous leukemia with T315I mutation. *Oncotarget*, **2015**, 6, 1507-18	3.3	14
66	AgSbF-controlled diastereodivergence in alkyne hydroarylation: facile access to Z- and E-alkenyl arenes. *Chemical Communications*, **2014**, 50, 8028-31	5.8	27
65	Anticancer activity of HS-527, a novel inhibitor targeting PI3-kinase in human pancreatic cancer cells. *Cancer Letters*, **2014**, 353, 68-77	9.9	11
64	Synthesis of heterocyclic-fused benzopyrans via the Pd(II)-catalyzed C-H alkenylation/C-O cyclization of flavones and coumarins. *Organic and Biomolecular Chemistry*, **2014**, 12, 3413-22	3.9	19
63	A Pd-catalyzed one-pot dehydrogenative aromatization and ortho-functionalization sequence of N-acetyl enamides. *Chemical Communications*, **2014**, 50, 3227-30	5.8	14
62	Development and biological evaluation of potent and selective c-KIT(D816V) inhibitors. *Journal of Medicinal Chemistry*, **2014**, 57, 6428-43	8.3	16
61	A copper-mediated cross-coupling approach for the synthesis of 3-heteroaryl quinolone and related analogues. *Organic and Biomolecular Chemistry*, **2014**, 12, 5719-26	3.9	13
60	Structure-based de novo design and identification of D816V mutant-selective c-KIT inhibitors. *Organic and Biomolecular Chemistry*, **2014**, 12, 4644-55	3.9	8

59	Biophysical characterization of sites of host adaptive mutation in the influenza A virus RNA polymerase PB2 RNA-binding domain. *International Journal of Biochemistry and Cell Biology*, **2014**, 53, 237-45	5.6	2
58	HS-104, a PI3K inhibitor, enhances the anticancer efficacy of gemcitabine in pancreatic cancer. *International Journal of Oncology*, **2014**, 45, 311-21	4.4	7
57	Selective and potent small-molecule inhibitors of PI3Ks. *Future Medicinal Chemistry*, **2014**, 6, 737-56	4.1	12
56	Virtual screening and biochemical evaluation to identify new inhibitors of mammalian target of rapamycin (mTOR). *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 835-8	2.9	8
55	HS-438, a new inhibitor of imatinib-resistant BCR-ABL T315I mutation in chronic myeloid leukemia. *Cancer Letters*, **2014**, 348, 50-60	9.9	11
54	HS-133, a novel fluorescent phosphatidylinositol 3-kinase inhibitor as a potential imaging and anticancer agent for targeted therapy. *Oncotarget*, **2014**, 5, 10180-97	3.3	5
53	Synthesis of heterocyclic-fused benzofurans via C-H functionalization of flavones and coumarins. *Chemical Communications*, **2013**, 49, 8323-5	5.8	43
52	Anti-cancer effect of HS-345, a new tropomyosin-related kinase A inhibitor, on human pancreatic cancer. *Cancer Letters*, **2013**, 338, 271-81	9.9	17
51	A novel imidazopyridine derivative, HS-106, induces apoptosis of breast cancer cells and represses angiogenesis by targeting the PI3K/mTOR pathway. *Cancer Letters*, **2013**, 329, 59-67	9.9	30
50	IPD-196, a novel phosphatidylinositol 3-kinase inhibitor with potent anticancer activity against hepatocellular carcinoma. *Cancer Letters*, **2013**, 329, 99-108	9.9	10
49	Synergistic anticancer activity of HS-173, a novel PI3K inhibitor in combination with Sorafenib against pancreatic cancer cells. *Cancer Letters*, **2013**, 331, 250-61	9.9	23
48	Structure-based design of flavone-based inhibitors of wild-type and T315I mutant of ABL. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 4324-7	2.9	8
47	Regioselective palladium-catalyzed olefination of coumarins via aerobic oxidative Heck reactions. *Chemical Communications*, **2013**, 49, 196-8	5.8	94
46	Discovery of new benzothiazole-based inhibitors of breakpoint cluster region-Abelson kinase including the T315I mutant. *Journal of Medicinal Chemistry*, **2013**, 56, 3531-45	8.3	27
45	One-pot catalysis of dehydrogenation of cyclohexanones to phenols and oxidative Heck coupling: expedient synthesis of coumarins. *Chemical Communications*, **2013**, 49, 4021-3	5.8	57
44	Discovery of picomolar ABL kinase inhibitors equipotent for wild type and T315I mutant via structure-based de novo design. *Journal of the American Chemical Society*, **2013**, 135, 8227-37	16.4	34
43	Suppression of tumor proliferation and angiogenesis of hepatocellular carcinoma by HS-104, a novel phosphoinositide 3-kinase inhibitor. *Cancer Letters*, **2013**, 328, 176-87	9.9	11
42	HS-173, a novel phosphatidylinositol 3-kinase (PI3K) inhibitor, has anti-tumor activity through promoting apoptosis and inhibiting angiogenesis. *Cancer Letters*, **2013**, 328, 152-9	9.9	36

41	A novel imidazopyridine PI3K inhibitor with anticancer activity in non-small cell lung cancer cells. *Oncology Reports*, **2013**, 30, 863-9	3.5	34
40	Induction of apoptosis and suppression of angiogenesis of hepatocellular carcinoma by HS-159, a novel phosphatidylinositol 3-kinase inhibitor. *International Journal of Oncology*, **2013**, 43, 201-9	4.4	4
39	HS-173, a novel PI3K inhibitor, attenuates the activation of hepatic stellate cells in liver fibrosis. *Scientific Reports*, **2013**, 3, 3470	4.9	52
38	A novel PI3K inhibitor alleviates fibrotic responses in fibroblasts derived from Peyronie's plaques. *International Journal of Oncology*, **2013**, 42, 2001-8	4.4	6
37	Structure-based de novo design and biochemical evaluation of novel BRAF kinase inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 1027-30	2.9	13
36	Structure-based virtual screening approach to the discovery of p38 MAP kinase inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 2195-9	2.9	7
35	Nocodazole is a high-affinity ligand for the cancer-related kinases ABL, c-KIT, BRAF, and MEK. *ChemMedChem*, **2012**, 7, 53-6	3.7	21
34	Palladium-Catalyzed Dehydrogenation/Oxidative Cross-Coupling Sequence of α-Heteroatom-Substituted Ketones. *Angewandte Chemie*, **2012**, 124, 11495-11498	3.6	34
33	Palladium-catalyzed dehydrogenation/oxidative cross-coupling sequence of α-heteroatom-substituted ketones. *Angewandte Chemie - International Edition*, **2012**, 51, 11333-6	16.4	101
32	Identification of common inhibitors of wild-type and T315I mutant of BCR-ABL through the parallel structure-based virtual screening. *Journal of Computer-Aided Molecular Design*, **2012**, 26, 983-92	4.2	7
31	Aminoglycoside antibiotics bind to the influenza A virus RNA promoter. *Molecular BioSystems*, **2012**, 8, 2857-9		10
30	Discovery of MEK/PI3K dual inhibitor via structure-based virtual screening. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 4946-50	2.9	7
29	HS-116, a novel phosphatidylinositol 3-kinase inhibitor induces apoptosis and suppresses angiogenesis of hepatocellular carcinoma through inhibition of the PI3K/AKT/mTOR pathway. *Cancer Letters*, **2012**, 316, 187-95	9.9	30
28	A novel imidazopyridine analogue as a phosphatidylinositol 3-kinase inhibitor against human breast cancer. *Cancer Letters*, **2012**, 318, 68-75	9.9	11
27	Regioselective Cross-Dehydrogenative Coupling of Chromones and Non-Activated Arenes. *Asian Journal of Organic Chemistry*, **2012**, 1, 47-50	3	21
26	Synthetic approach to flavanones and flavones via ligand-free palladium(II)-catalyzed conjugate addition of arylboronic acids to chromones. *Organic and Biomolecular Chemistry*, **2012**, 10, 7305-12	3.9	40
25	Regioselective palladium-catalyzed direct cross-coupling of coumarins with simple arenes. *Chemical Communications*, **2012**, 48, 9613-5	5.8	75
24	Design, synthesis, and evaluation of 3,5-disubstituted 7-azaindoles as Trk inhibitors with anticancer and antiangiogenic activities. *Journal of Medicinal Chemistry*, **2012**, 55, 5337-49	8.3	62

23	Direct C-H cross-coupling approach to heteroaryl coumarins. *Organic and Biomolecular Chemistry*, **2012**, 10, 2692-8	3.9	22
22	A facile route to isoflavone quinones via the direct cross-coupling of chromones and quinones. *Chemical Communications*, **2012**, 48, 7191-3	5.8	36
21	Selectivity enhancement arising from interactions at the PI3K unique pocket. *ChemMedChem*, **2012**, 7, 1379-83	3.7	4
20	The effect of HS-111, a novel thiazolamine derivative, on apoptosis and angiogenesis of hepatocellular carcinoma cells. *Archives of Pharmacal Research*, **2012**, 35, 747-54	6.1	2
19	Synergistic effect of graphene oxide/MWCNT films in laser desorption/ionization mass spectrometry of small molecules and tissue imaging. *ACS Nano*, **2011**, 5, 4550-61	16.7	172
18	Anti-cancer effects of a novel compound HS-113 on cell growth, apoptosis, and angiogenesis in human hepatocellular carcinoma cells. *Cancer Letters*, **2011**, 306, 190-6	9.9	23
17	Design and synthesis of imidazopyridine analogues as inhibitors of phosphoinositide 3-kinase signaling and angiogenesis. *Journal of Medicinal Chemistry*, **2011**, 54, 2455-66	8.3	107
16	Palladium(II)-catalyzed direct intermolecular alkenylation of chromones. *Organic Letters*, **2011**, 13, 4466-9	6.2	98
15	Identification of novel inhibitors of tropomyosin-related kinase A through the structure-based virtual screening with homology-modeled protein structure. *Journal of Chemical Information and Modeling*, **2011**, 51, 2986-93	6.1	29
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