

# Sungwoo hong

## List of Publications by Year in descending order

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173  
papers

6,221  
citations

53794

45  
h-index

98798

67  
g-index

204  
all docs

204  
docs citations

204  
times ranked

5919  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Short Enantioselective Pathway for the Synthesis of the Anti-Influenza Neuramidase Inhibitor Oseltamivir from 1,3-Butadiene and Acrylic Acid. <i>Journal of the American Chemical Society</i> , 2006, 128, 6310-6311.	13.7	257
2	Synergistic Effect of Graphene Oxide/MWCNT Films in Laser Desorption/Ionization Mass Spectrometry of Small Molecules and Tissue Imaging. <i>ACS Nano</i> , 2011, 5, 4550-4561.	14.6	182
3	Visible-Light-Induced Pyridylation of Remote C(sp <sup>3</sup> )-H Bonds by Radical Translocation of N-Alkoxy-pyridinium Salts. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15517-15522.	13.8	141
4	Visible light induced alkene aminopyridylation using N-aminopyridinium salts as bifunctional reagents. <i>Nature Communications</i> , 2019, 10, 4117.	12.8	137
5	Design and Synthesis of Imidazopyridine Analogues as Inhibitors of Phosphoinositide 3-Kinase Signaling and Angiogenesis. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 2455-2466.	6.4	127
6	N-Heterocyclic carbene-catalyzed deaminative cross-coupling of aldehydes with Katritzky pyridinium salts. <i>Chemical Science</i> , 2020, 11, 3192-3197.	7.4	121
7	Palladium-Catalyzed Dehydrogenation/Oxidative Cross-Coupling Sequence of $\beta$ -Heteroatom-Substituted Ketones. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11333-11336.	13.8	113
8	Palladium(II)-Catalyzed Direct Intermolecular Alkenylation of Chromones. <i>Organic Letters</i> , 2011, 13, 4466-4469.	4.6	108
9	Regioselective palladium-catalyzed olefination of coumarins via aerobic oxidative Heck reactions. <i>Chemical Communications</i> , 2013, 49, 196-198.	4.1	107
10	Visible-Light-Driven C4-Selective Alkylation of Pyridinium Derivatives with Alkyl Bromides. <i>Journal of the American Chemical Society</i> , 2020, 142, 11370-11375.	13.7	102
11	Visible-Light-Induced 1,3-Aminopyridylation of [1.1.1]Propellane with N-Aminopyridinium Salts. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7873-7879.	13.8	100
12	Site-Selective Functionalization of Pyridinium Derivatives via Visible-Light-Driven Photocatalysis with Quinolinone. <i>Journal of the American Chemical Society</i> , 2019, 141, 9239-9248.	13.7	98
13	Site-Selective Direct C-H Pyridylation of Unactivated Alkanes by Triplet Excited Anthraquinone. <i>Journal of the American Chemical Society</i> , 2021, 143, 3003-3012.	13.7	94
14	Direct Phosphonation of Quinolinones and Coumarins Driven by the Photochemical Activity of Substrates and Products. <i>Organic Letters</i> , 2017, 19, 1394-1397.	4.6	91
15	Regioselective palladium-catalyzed direct cross-coupling of coumarins with simple arenes. <i>Chemical Communications</i> , 2012, 48, 9613.	4.1	86
16	Site-Selective 1,1-Difunctionalization of Unactivated Alkenes Enabled by Cationic Palladium Catalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 10048-10059.	13.7	84
17	Visible-Light-Enabled Ortho-Selective Aminopyridylation of Alkenes with N-Aminopyridinium Ylides. <i>Journal of the American Chemical Society</i> , 2020, 142, 12420-12429.	13.7	84
18	NiH-Catalyzed Proximal-Selective Hydroamination of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 20470-20480.	13.7	78

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19	Visible-Light-Induced ortho-Selective Migration on Pyridyl Ring: Trifluoromethylative Pyridylation of Unactivated Alkenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 281-285.	13.8	77
20	Visible-Light-Photocatalyzed Synthesis of Phenanthridinones and Quinolinones via Direct Oxidative C-H Amidation. <i>Organic Letters</i> , 2018, 20, 240-243.	4.6	74
21	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
22	Rh(III) and Ru(II)-Catalyzed Site-Selective C-H Alkynylation of Quinolones. <i>Organic Letters</i> , 2015, 17, 1938-1941.	4.6	72
23	Asymmetric C-H functionalization of cyclopropanes using an isoleucine-NH <sub>2</sub> bidentate directing group. <i>Chemical Science</i> , 2015, 6, 3611-3616.	7.4	72
24	Site-Selective C-H Acylation of Pyridinium Derivatives by Photoredox Catalysis. <i>ACS Catalysis</i> , 2019, 9, 9891-9896.	11.2	72
25	Functionalization of Pyridinium Derivatives with 1,4-Dihydropyridines Enabled by Photoinduced Charge Transfer. <i>Organic Letters</i> , 2020, 22, 8730-8734.	4.6	70
26	Photochemical Carbopyridylation of Alkenes Using Alkenoxyppyridinium Salts as Bifunctional Reagents. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2049-2054.	13.8	69
27	Visible-Light-Enabled Trifluoromethylative Pyridylation of Alkenes from Pyridines and Triflic Anhydride. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13379-13384.	13.8	67
28	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
29	Catalyst Controlled Divergent C <sub>4</sub> /C <sub>8</sub> Site-Selective C-H Arylation of Isoquinolones. <i>Organic Letters</i> , 2015, 17, 3864-3867.	4.6	66
30	One-pot catalysis of dehydrogenation of cyclohexanones to phenols and oxidative Heck coupling: expedient synthesis of coumarins. <i>Chemical Communications</i> , 2013, 49, 4021.	4.1	64
31	Visible-Light-Induced Remote C(sp <sup>3</sup> )-H Pyridylation of Sulfonamides and Carboxamides. <i>Organic Letters</i> , 2019, 21, 9719-9723.	4.6	59
32	Enantioselective Synthesis of Bridged- or Fused-Ring Bicyclic Ketones by a Catalytic Asymmetric Michael Addition Pathway. <i>Journal of the American Chemical Society</i> , 2006, 128, 8160-8161.	13.7	58
33	Unraveling innate substrate control in site-selective palladium-catalyzed C-H heterocycle functionalization. <i>Chemical Science</i> , 2016, 7, 3900-3909.	7.4	58
34	Discovery of EGF Receptor Inhibitors That Are Selective for the d746<b>750/T790M/C797S Mutant through Structure-Based de Novo Design. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7634-7638.	13.8	58
35	Metal-free photocatalytic trifluoromethylative pyridylation of unactivated alkenes. <i>Green Chemistry</i> , 2018, 20, 5209-5214.	9.0	58
36	Visible-light-induced cascade radical ring-closure and pyridylation for the synthesis of tetrahydrofurans. <i>Green Chemistry</i> , 2019, 21, 2082-2087.	9.0	57

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37	$\beta$ -Selective C(sp <sup>3</sup> )–H amination via controlled migratory hydroamination. <i>Nature Communications</i> , 2021, 12, 5657.	12.8	56
38	Total Synthesis of the Securinega Alkaloid ( $\beta$ )-Secuamamine A. <i>Journal of the American Chemical Society</i> , 2008, 130, 7562-7563.	13.7	54
39	Rh(III)-catalyzed direct C–H/C–H cross-coupling of quinones with arenes assisted by a directing group: identification of carbazole quinones as GSK1 <sup>2</sup> inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3918-3923.	2.8	54
40	Enantioselective Syntheses of Georgyone, Arborone, and Structural Relatives. Relevance to the Molecular-Level Understanding of Olfaction. <i>Journal of the American Chemical Society</i> , 2006, 128, 1346-1352.	13.7	51
41	Synthesis of heterocyclic-fused benzofurans via C–H functionalization of flavones and coumarins. <i>Chemical Communications</i> , 2013, 49, 8323.	4.1	51
42	Identification of $\beta$ -Lapachone Analogs as Novel MALT1 Inhibitors To Treat an Aggressive Subtype of Diffuse Large B-Cell Lymphoma. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8491-8502.	6.4	49
43	Rhodium-Catalyzed Direct C–H Phosphorylation of (Hetero)arenes Suitable for Late-Stage Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1296-1301.	4.3	49
44	Ru(II)-Catalyzed Site-Selective Hydroxylation of Flavone and Chromone Derivatives: The Importance of the 5-Hydroxyl Motif for the Inhibition of Aurora Kinases. <i>Organic Letters</i> , 2015, 17, 2550-2553.	4.6	48
45	Palladium-Catalyzed Tandem Synthesis of Acenes Using Carboxylic Acids as Traceless Directing Groups. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8652-8655.	13.8	48
46	Synthetic approach to flavanones and flavones via ligand-free palladium(II)-catalyzed conjugate addition of arylboronic acids to chromones. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7305.	2.8	46
47	Discovery of new azaindole-based PI3K $\pm$ inhibitors: Apoptotic and antiangiogenic effect on cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 7212-7215.	2.2	45
48	Divergent reactivity of sulfinates with pyridinium salts based on one- versus two-electron pathways. <i>Chemical Science</i> , 2021, 12, 6629-6637.	7.4	45
49	Site-Selective C–H Bond Functionalization of Chromones and Coumarins. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1136-1150.	2.7	44
50	Allylic Acetals as Acrolein Oxonium Precursors in Tandem C–H Allylation and [3+2] Dipolar Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9470-9474.	13.8	44
51	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
52	Visible-Light-Induced Cysteine-Specific Bioconjugation: Biocompatible Thiol–ene Click Chemistry. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22514-22522.	13.8	42
53	Construction of an Advanced Tetracyclic Intermediate for Total Synthesis of the Marine Alkaloid Sarain A. <i>Journal of Organic Chemistry</i> , 2006, 71, 2078-2089.	3.2	41
54	Synthesis of 2-Benzazepines from Benzylamines and MBH Adducts Under Rhodium(III) Catalysis via C(sp <sup>2</sup> )–H Functionalization. <i>ACS Catalysis</i> , 2018, 8, 742-746.	11.2	41

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55	Visible-Light-Induced C=O Bond Formation for the Construction of Five- and Six-Membered Cyclic Ethers and Lactones. <i>Organic Letters</i> , 2018, 20, 7437-7441.	4.6	40
56	A facile route to isoflavone quinones via the direct cross-coupling of chromones and quinones. <i>Chemical Communications</i> , 2012, 48, 7191.	4.1	39
57	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
58	Rh( <i>κ</i> )-catalyzed 7-azaindole synthesis via C-H activation/annulative coupling of aminopyridines with alkynes. <i>Chemical Communications</i> , 2015, 51, 11202-11205.	4.1	38
59	Visible-Light-Induced Pyridylation of Remote C(sp <sup>3</sup> )-H Bonds by Radical Translocation of N-Alkoxypyridinium Salts. <i>Angewandte Chemie</i> , 2018, 130, 15743-15748.	2.0	38
60	Development of New Fluorescent Xanthenes as Kinase Inhibitors. <i>Organic Letters</i> , 2010, 12, 1212-1215.	4.6	37
61	Visible Light-Promoted Synthesis of Spiroepoxy Chromanone Derivatives via a Tandem Oxidation/Radical Cyclization/Epoxidation Process. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3945-3949.	4.3	37
62	Metal- and oxidant-free S=P(O) bond construction via direct coupling of P(O)H with sulfinic acids. <i>Green Chemistry</i> , 2017, 19, 1005-1013.	9.0	36
63	Computational Design and Discovery of Nanomolar Inhibitors of Î² Kinase Î². <i>Journal of the American Chemical Society</i> , 2015, 137, 337-348.	13.7	35
64	HS-173, a novel PI3K inhibitor suppresses EMT and metastasis in pancreatic cancer. <i>Oncotarget</i> , 2016, 7, 78029-78047.	1.8	35
65	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
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	Discovery of Picomolar ABL Kinase Inhibitors Equipotent for Wild Type and T315I Mutant via Structure-Based de Novo Design. <i>Journal of the American Chemical Society</i> , 2013, 135, 8227-8237.	13.7	34
68	AgSbF <sub>6</sub> -controlled diastereodivergence in alkyne hydroarylation: facile access to Z- and E-alkenyl arenes. <i>Chemical Communications</i> , 2014, 50, 8028.	4.1	34
69	Nickel-Catalyzed Regio- and Enantioselective Hydroamination of Unactivated Alkenes Using Carbonyl Directing Groups. <i>Journal of the American Chemical Society</i> , 2022, 144, 9091-9100.	13.7	34
70	HS-1371, a novel kinase inhibitor of RIP3-mediated necroptosis. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-15.	7.7	33
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	Visible-Light Excitation of Quinolinone-Containing Substrates Enables Divergent Radical Cyclizations. <i>Organic Letters</i> , 2019, 21, 3417-3421.	4.6	31

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73	Photocatalytic Vicinal Aminopyridylation of Methyl Ketones by a Double Umpolung Strategy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17511-17516.	13.8	31
74	Identification of Novel Inhibitors of Tropomyosin-Related Kinase A through the Structure-Based Virtual Screening with Homology-Modeled Protein Structure. <i>Journal of Chemical Information and Modeling</i> , 2011, 51, 2986-2993.	5.4	30
75	Enantioselective functionalization at the C4 position of pyridinium salts through NHC catalysis. <i>Nature Communications</i> , 2022, 13, 1776.	12.8	30
76	Nocodazole is a High-Affinity Ligand for the Cancer-Related Kinases ABL, cKIT, BRAF, and MEK. <i>ChemMedChem</i> , 2012, 7, 53-56.	3.2	29
77	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
78	C2-Selective C-H Methylation of Heterocyclic N-Oxides with Sulfonium Ylides. <i>Organic Letters</i> , 2020, 22, 9004-9009.	4.6	29
79	Tandem Dehydrogenation/Oxidation/Oxidative Cyclization Approach to Wrightiadione and Its Derivatives. <i>Organic Letters</i> , 2015, 17, 3252-3255.	4.6	28
80	Fascaplysin Exerts Anti-Cancer Effects through the Downregulation of Survivin and HIF-1 $\alpha$ and Inhibition of VEGFR2 and TRKA. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2074.	4.1	28
81	Reactivity of Morita-Baylis-Hillman Adducts in C-H Functionalization of (Hetero)aryl Nitrones: Access to Bridged Cycles and Carbazoles. <i>Organic Letters</i> , 2018, 20, 4632-4636.	4.6	28
82	Stereoselective construction of sterically hindered oxaspirocycles via chiral bidentate directing group-mediated C(sp <sup>3</sup> )–O bond formation. <i>Chemical Science</i> , 2018, 9, 1473-1480.	7.4	28
83	Anti-cancer effects of a novel compound HS-113 on cell growth, apoptosis, and angiogenesis in human hepatocellular carcinoma cells. <i>Cancer Letters</i> , 2011, 306, 190-196.	7.2	27
84	Palladium-Catalyzed Divergent Arylation with Triazolopyridines: One-Pot Synthesis of Aryl- and Aryl-alkylstyrylpyridines. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 958-964.	4.3	27
85	Direct C-H cross-coupling approach to heteroaryl coumarins. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2692.	2.8	26
86	Rh <sup>I</sup> -Catalyzed Site-Selective Decarbonylative Alkenylation and Arylation of Quinolones under Chelation Assistance. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3671-3678.	2.4	26
87	Efficient Synthesis of Frutinone A and Its Derivatives through Palladium-Catalyzed C-H Activation/Carbonylation. <i>Chemistry - an Asian Journal</i> , 2015, 10, 878-881.	3.3	25
88	Regio- and Stereoselective Functionalization Enabled by Bidentate Directing Groups. <i>Chemical Record</i> , 2021, 21, 3613-3627.	5.8	25
89	Regioselective C-H Functionalization of Heteroarene N-Oxides Enabled by a Traceless Nucleophile. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22675-22683.	13.8	24
90	Discovery of new aminopyrimidine-based phosphoinositide 3-kinase beta (PI3K $\beta$ ) inhibitors with selectivity over PI3K $\alpha$ . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6977-6981.	2.2	23

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91	Regioselective Cross-Dehydrogenative Coupling of Chromones and Non-Activated Arenes. <i>Asian Journal of Organic Chemistry</i> , 2012, 1, 47-50.	2.7	23
92	Visible-Light-Induced ortho-Selective Migration on Pyridyl Ring: Trifluoromethylative Pyridylation of Unactivated Alkenes. <i>Angewandte Chemie</i> , 2020, 132, 287-291.	2.0	23
93	Visible-Light-Enabled Trifluoromethylative Pyridylation of Alkenes from Pyridines and Triflic Anhydride. <i>Angewandte Chemie</i> , 2020, 132, 13481-13486.	2.0	22
94	Construction of the Tricyclo[5.3.1.0 <sup>1,5</sup> ]undecane System by a Novel Tandem Pinacol Rearrangement-Ene Strategy: A Formal Total Synthesis of (±)-Perhydrohistrionicotoxin. <i>Journal of Organic Chemistry</i> , 2000, 65, 4864-4870.	3.2	21
95	Synthesis of heterocyclic-fused benzopyrans via the Pd(ii)-catalyzed C-H alkenylation/C-O cyclization of flavones and coumarins. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3413-3422.	2.8	21
96	A Pd-Catalyzed one-pot dehydrogenative aromatization and ortho-functionalization sequence of N-acetyl enamides. <i>Chemical Communications</i> , 2014, 50, 3227.	4.1	21
97	One-pot synthesis of 2-naphthols from nitrones and MBH adducts via decarboxylative N=O bond cleavage. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3210-3218.	4.5	21
98	Synthesis of Gemcitabine-Threonine Amide Prodrug Effective on Pancreatic Cancer Cells with Improved Pharmacokinetic Properties. <i>Molecules</i> , 2018, 23, 2608.	3.8	21
99	Systematic Computational Design and Identification of Low Picomolar Inhibitors of Aurora Kinase A. <i>Journal of Chemical Information and Modeling</i> , 2018, 58, 700-709.	5.4	20
100	Site-Selective Pyridylic C-H Functionalization by Photocatalytic Radical Cascades. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	20
101	Application of Fragment-Based de Novo Design to the Discovery of Selective Picomolar Inhibitors of Glycogen Synthase Kinase-3 Beta. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 9018-9034.	6.4	19
102	Visible-Light-Induced C4-Selective Functionalization of Pyridinium Salts with Cyclopropanols. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	19
103	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
104	One-pot bifunctionalization of unactivated alkenes, P(O)-H compounds, and N-methoxypyridinium salts for the construction of 2-pyridyl alkylphosphonates. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2595-2603.	4.5	18
105	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
106	Development and Biological Evaluation of Potent and Selective c-KIT <sup>D816V</sup> Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6428-6443.	6.4	17
107	High-throughput chemical screening to discover new modulators of microRNA expression in living cells by using graphene-based biosensor. <i>Scientific Reports</i> , 2018, 8, 11413.	3.3	17
108	Strategic Approach to the Metamorphosis of 3-Lactones to NH-3-Lactams via Reductive Cleavage and C-H Amidation. <i>Organic Letters</i> , 2019, 21, 7099-7103.	4.6	17

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109	Photochemical Carbopyridylation of Alkenes Using <i>N</i> -Alkenoxy pyridinium Salts as Bifunctional Reagents. <i>Angewandte Chemie</i> , 2020, 132, 2065-2070.	2.0	17
110	Aminoglycoside antibiotics bind to the influenza A virus RNA promoter. <i>Molecular BioSystems</i> , 2012, 8, 2857.	2.9	16
111	HS-173 as a novel inducer of RIP3-dependent necroptosis in lung cancer. <i>Cancer Letters</i> , 2019, 444, 94-104.	7.2	16
112	Fluorescent phosphoinositide 3-kinase inhibitors suitable for monitoring of intracellular distribution. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 2508-2516.	3.0	15
113	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
114	Strategies to overcome acquired resistances conferred by mutations in the kinase domain of EGFR. <i>Future Medicinal Chemistry</i> , 2016, 8, 853-878.	2.3	15
115	Overcoming metastatic melanoma with BRAF inhibitors. <i>Archives of Pharmacal Research</i> , 2011, 34, 699-701.	6.3	14
116	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
117	Structure-based de novo design and biochemical evaluation of novel BRAF kinase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1027-1030.	2.2	14
118	HS-543 induces apoptosis of Imatinib-resistant chronic myelogenous leukemia with T315I mutation. <i>Oncotarget</i> , 2015, 6, 1507-1518.	1.8	14
119	A copper-mediated cross-coupling approach for the synthesis of 3-heteroaryl quinolone and related analogues. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5719-5726.	2.8	13
120	Discovery of Dual Inhibitors for Wild Type and D816V Mutant of c-KIT Kinase through Virtual and Biochemical Screening of Natural Products. <i>Journal of Natural Products</i> , 2016, 79, 293-299.	3.0	13
121	Regiodivergent Ring-Opening Cross-Coupling of Vinyl Aziridines with Phosphorus Nucleophiles: Access to Phosphorus-Containing Amino Acid Derivatives. <i>Organic Letters</i> , 2018, 20, 7571-7575.	4.6	13
122	Visible Light-Induced Intramolecular C-H Bond Formation via 1,5-Hydrogen Atom Transfer Strategy. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 548-552.	1.9	13
123	Visible Light-Induced 1,3-Aminopyridylation of [1.1.1]Propellane with <i>N</i> -Aminopyridinium Salts. <i>Angewandte Chemie</i> , 2021, 133, 7952-7958.	2.0	13
124	Structure-Based Virtual Screening and De Novo Design of PIM1 Inhibitors with Anticancer Activity from Natural Products. <i>Pharmaceuticals</i> , 2021, 14, 275.	3.8	13
125	Remote C-H Pyridylation of Hydroxamates through Direct Photoexcitation of <i>O</i> -Aryl Oxime Pyridinium Intermediates**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26813-26821.	13.8	13
126	Selective and potent small-molecule inhibitors of PI3Ks. <i>Future Medicinal Chemistry</i> , 2014, 6, 737-756.	2.3	12

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127	Palladium(II)-Catalyzed Tandem Synthesis of Acenes Using Carboxylic Acids as Traceless Directing Groups. <i>Angewandte Chemie</i> , 2016, 128, 8794-8797.	2.0	12
128	Discovery of fluorescent 3-heteroaryl coumarin derivatives as novel inhibitors of anaplastic lymphoma kinase. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 186-194.	2.8	12
129	Photocatalytic Vicinal Aminopyridylation of Methyl Ketones by a Double Umpolung Strategy. <i>Angewandte Chemie</i> , 2020, 132, 17664-17669.	2.0	12
130	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
131	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
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173	Titelbild: Site-Selective Pyridylic $\text{C-H}$ Functionalization by Photocatalytic Radical Cascades ( <i>Angew.</i> ) Tj ETQq1 1 0.784314 ggBT /Over	2.0	0