Hong-Yu Li

List of Publications by Citations

65 papers	1,078 citations	16 h-index	31 g-index
76 ext. papers	1,397 ext. citations	6.4 avg, IF	4.4 L-index

#	Paper	IF	Citations
65	Lactate Is a Natural Suppressor of RLR Signaling by Targeting MAVS. *Cell*, **2019**, 178, 176-189.e15	56.2	166
64	A novel, selective inhibitor of fibroblast growth factor receptors that shows a potent broad spectrum of antitumor activity in several tumor xenograft models. *Molecular Cancer Therapeutics*, **2011**, 10, 2200-10	6.1	142
63	Skp2-dependent ubiquitination and activation of LKB1 is essential for cancer cell survival under energy stress. *Molecular Cell*, **2015**, 57, 1022-1033	17.6	77
62	Efficient access to 2,3-diarylimidazo[1,2-a]pyridines via a one-pot, ligand-free, palladium-catalyzed three-component reaction under microwave irradiation. *Organic Letters*, **2014**, 16, 3016-9	6.2	45
61	Selective Reduction of Halogenated Nitroarenes with Hydrazine Hydrate in the Presence of Pd/C. *Synlett*, **2014**, 25, 1403-1408	2.2	44
60	Insights into Current Tropomyosin Receptor Kinase (TRK) Inhibitors: Development and Clinical Application. *Journal of Medicinal Chemistry*, **2019**, 62, 1731-1760	8.3	38
59	Metal-free, efficient hydrazination of imidazo[1,2-a]pyridine with diethyl azodicarboxylate in neutral media. *Organic and Biomolecular Chemistry*, **2015**, 13, 2958-64	3.9	33
58	The Skp2 Pathway: A Critical Target for Cancer Therapy. *Seminars in Cancer Biology*, **2020**, 67, 16-33	12.7	31
57	Fragment-Based Discovery of a Dual pan-RET/VEGFR2 Kinase Inhibitor Optimized for Single-Agent Polypharmacology. *Angewandte Chemie - International Edition*, **2015**, 54, 8717-21	16.4	30
56	Structure-based design and synthesis of imidazo[1,2-a]pyridine derivatives as novel and potent Nek2 inhibitors with in´vitro and in´vivo antitumor activities. *European Journal of Medicinal Chemistry*, **2017**, 126, 1083-1106	6.8	27
55	Catalyst free, C-3 functionalization of imidazo[1,2-a]pyridines to rapidly access new chemical space for drug discovery efforts. *Chemical Communications*, **2018**, 54, 12954-12957	5.8	26
54	Merging Visible Light with Cross-Coupling: The Photochemical Direct C-H Difluoroalkylation of Imidazopyridines. *Organic Letters*, **2019**, 21, 8169-8173	6.2	24
53	The molecular basis for RET tyrosine-kinase inhibitors in thyroid cancer. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2017**, 31, 307-318	6.5	21
52	Facile construction of fused benzimidazole-isoquinolinones that induce cell-cycle arrest and apoptosis in colorectal cancer cells. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 3899-3908	3.4	19
51	Computer aided drug discovery of highly ligand efficient, low molecular weight imidazopyridine analogs as FLT3 inhibitors. *European Journal of Medicinal Chemistry*, **2015**, 94, 123-31	6.8	18
50	Identification of two novel RET kinase inhibitors through MCR-based drug discovery: design, synthesis and evaluation. *European Journal of Medicinal Chemistry*, **2014**, 86, 714-23	6.8	18
49	EM23, a natural sesquiterpene lactone, targets thioredoxin reductase to activate JNK and cell death pathways in human cervical cancer cells. *Oncotarget*, **2016**, 7, 6790-808	3.3	16

48	The Exploration of Chirality for Improved Druggability within the Human Kinome. *Journal of Medicinal Chemistry*, **2020**, 63, 441-469	8.3	16
47	Synthesis of Pyridodiindoles with Anticancer Activity by a Three-Component Cascade Condensation. *Organic Letters*, **2018**, 20, 7811-7815	6.2	16
46	Destruction of DNA-Binding Proteins by Programmable Oligonucleotide PROTAC (OSPROTAC): Effective Targeting of LEF1 and ERG. *Advanced Science*, **2021**, 8, e2102555	13.6	15
45	Triterpenoid saponins from the root bark of Schima superba and their cytotoxic activity on B16 melanoma cell line. *Carbohydrate Research*, **2015**, 413, 107-14	2.9	14
44	Discovery of SP-96, the first non-ATP-competitive Aurora Kinase B inhibitor, for reduced myelosuppression. *European Journal of Medicinal Chemistry*, **2020**, 203, 112589	6.8	14
43	Ergosterols from the Culture Broth of Marine Streptomyces anandii H41-59. *Marine Drugs*, **2016**, 14,	6	14
42	Use of Imidazo[1,2-a]pyridine as a Carbonyl Surrogate in a Mannich-Like, Catalyst Free, One-Pot Reaction. *European Journal of Organic Chemistry*, **2019**, 2019, 770-777	3.2	14
41	Diversity-Oriented Synthesis of Imidazo-Dipyridines with Anticancer Activity via the Groebke-Blackburn-Bienaym□and TBAB-Mediated Cascade Reaction in One Pot. *Journal of Organic Chemistry*, **2019**, 84, 12632-12638	4.2	13
40	Bioisosteric Discovery of NPA101.3, a Second-Generation RET/VEGFR2 Inhibitor Optimized for Single-Agent Polypharmacology. *Journal of Medicinal Chemistry*, **2020**, 63, 4506-4516	8.3	12
39	Anandins A and B, Two Rare Steroidal Alkaloids from a Marine Streptomyces anandii H41-59. *Marine Drugs*, **2017**, 15,	6	11
38	Selective, C-3 Friedel-Crafts acylation to generate functionally diverse, acetylated Imidazo[1,2-]pyridine derivatives. *Tetrahedron*, **2018**, 74, 4592-4600	2.4	10
37	Antioxidant activities of cold-nature Tibetan herbs are signifcantly greater than hot-nature ones and are associated with their levels of total phenolic components. *Chinese Journal of Natural Medicines*, **2015**, 13, 609-17	2.8	9
36	An acid-catalyzed 1,4-addition isocyanide-based multicomponent reaction in neat water. *Green Chemistry*, **2020**, 22, 3716-3720	10	9
35	Synthesis of indoline-piperidinones via a novel Ugi, ring expansion, pseudo-Dieckmann condensation and rearrangement cascade reaction. *Organic Chemistry Frontiers*, **2020**, 7, 737-741	5.2	8
34	Diversity-Oriented Synthesis of Functionalized Imidazopyridine Analogues with Anti-Cancer Activity through a Transition-Metal Free, One-pot Cascade Reaction. *Advanced Synthesis and Catalysis*, **2018**, 360, 3655-3661	5.6	8
33	Identification of pyrazine-based TrkA inhibitors: design, synthesis, evaluation, and computational modeling studies. *MedChemComm*, **2014**, 5, 1507-1514	5	8
32	Realgar transforming solution-induced differentiation of NB4 cell by the degradation of PML/RAR□partially through the ubiquitin-proteasome pathway. *Archives of Pharmacal Research*, **2019**, 42, 684-694	6.1	7
31	Intramolecular cyclization of imidazo[1,2-a]pyridines via a silver mediated/palladium catalyzed C□H activation strategy. *Organic Chemistry Frontiers*, **2019**, 6, 2234-2239	5.2	7

30	Rational Design, Synthesis and Biological Evaluation of Pyrimidine-4,6-diamine derivatives as Type-II inhibitors of FLT3 Selective Against c-KIT. *Scientific Reports*, **2018**, 8, 3722	4.9	7
29	Acid-Promoted One-Pot Synthesis of Substituted Furan and 6-Methylpyrazin-2(1 H)-one Derivatives via Allene Intermediate Formed in Situ. *ACS Combinatorial Science*, **2018**, 20, 292-297	3.9	7
28	Structural Characterization of the Aurora Kinase B "DFG-flip" Using Metadynamics. *AAPS Journal*, **2019**, 22, 14	3.7	7
27	Pyrrolo[2,3-d]pyrimidine derivatives as inhibitors of RET: Design, synthesis and biological evaluation. *European Journal of Medicinal Chemistry*, **2020**, 206, 112691	6.8	7
26	Discovery of pyrazolo-thieno[3,2-d]pyrimidinylamino-phenyl acetamides as type-II pan-tropomyosin receptor kinase (TRK) inhibitors: Design, synthesis, and biological evaluation. *European Journal of Medicinal Chemistry*, **2021**, 216, 113265	6.8	7
25	Expeditious access of chromone analogues via a Michael addition-driven multicomponent reaction. *Organic Chemistry Frontiers*, **2020**, 7, 987-992	5.2	6
24	Catalyst-Free One-Pot Synthesis of Densely Substituted Pyrazole-Pyrazines as Anti-Colorectal Cancer Agents. *Scientific Reports*, **2020**, 10, 9281	4.9	5
23	Functionalized Spiroindolines with Anticancer Activity through a Metal-Free Post-Ugi Diastereoselective One-Pot Cascade Reaction. *Chemistry - A European Journal*, **2018**, 24, 6732-6736	4.8	5
22	Preclinical activity of MBM-5 in gastrointestinal cancer by inhibiting NEK2 kinase activity. *Oncotarget*, **2016**, 7, 79327-79341	3.3	5
21	One-pot construction of functionalized aziridines and maleimides via a novel pseudo-Knoevenagel cascade reaction. *Chemical Communications*, **2020**, 56, 2194-2197	5.8	5
20	A Decarboxylative C(sp3)N Bond Forming Reaction to Construct 4-Imidazolidinones via Post-Ugi Cascade Sequence in One Pot. *Advanced Synthesis and Catalysis*, **2020**, 362, 4084-4091	5.6	4
19	Inositol serves as a natural inhibitor of mitochondrial fission by directly targeting AMPK. *Molecular Cell*, **2021**, 81, 3803-3819.e7	17.6	4
18	A concise and unexpected one-pot methodology for the synthesis of pyrazinone-fused pyridones. *Organic Chemistry Frontiers*, **2020**, 7, 2657-2663	5.2	3
17	Strategy Used to Control the Mechanism of Homogeneous Alkyne/Olefin Hydrogenation: AIMD Simulations and DFT Calculations. *Journal of Organic Chemistry*, **2020**, 85, 11626-11634	4.2	3
16	Transition State Analogues Enhanced by Fragment-Based Structural Analysis: Bacterial Methylthioadenosine Nucleosidases. *Biochemistry*, **2020**, 59, 831-835	3.2	2
15	Fragment-Based Discovery of a Dual pan-RET/VEGFR2 Kinase Inhibitor Optimized for Single-Agent Polypharmacology. *Angewandte Chemie*, **2015**, 127, 8841-8845	3.6	2
14	One-pot synthesis of natural-product inspired spiroindolines with anti-cancer activities. *Organic Chemistry Frontiers*, **2022**, 9, 682-686	5.2	2
13	Microwave-Assisted Copper Catalysis of Difluorinated -Diol toward Difluoroalkyl Radical for Hydrodifluoroalkylation of -Quinone Methides. *Journal of Organic Chemistry*, **2020**, 85, 12785-12796	4.2	2

List of Publications

12	Discovery and biological evaluation of phthalazines as novel non-kinase TGF pathway inhibitors. *European Journal of Medicinal Chemistry*, **2021**, 223, 113660	6.8	2
11	Discovery of imidazo[1,2-a]pyridine-thiophene derivatives as FLT3 and FLT3 mutants inhibitors for acute myeloid leukemia through structure-based optimization of an NEK2 inhibitor. *European Journal of Medicinal Chemistry*, **2021**, 225, 113776	6.8	2
10	Ubiquitination-mediated degradation of TRDMT1 regulates homologous recombination and therapeutic response. *NAR Cancer*, **2021**, 3, zcab010	5.2	2
9	Synthesis of Constrained Heterocycles Employing Two Post-Ugi Cyclization Methods for Rapid Library Generation with In Cellulo Activity. *ChemistrySelect*, **2017**, 2, 11821-11825	1.8	1
8	Solvent-Dependent Chemoselective and Stereoselective Approach to Synthesis of Spiro-Lactams with Potent Anticancer Activity. *Advanced Synthesis and Catalysis*, **2021**, 363, 2996-3000	5.6	1
7	Microwave-assisted efficient and facile synthesis of tetramic acid derivatives via a one-pot post-Ugi cascade reaction. *Beilstein Journal of Organic Chemistry*, **2020**, 16, 663-669	2.5	1
6	Targeted activity of the small molecule kinase inhibitor Pz-1 towards RET and TRK kinases. *Scientific Reports*, **2021**, 11, 16103	4.9	1
5	Discovery of N-Trisubstituted Pyrimidine Derivatives as Type I RET and RET Gatekeeper Mutant Inhibitors with a Novel Kinase Binding Pose.. *Journal of Medicinal Chemistry*, **2022**, 65, 1536-1551	8.3	0
4	Association of Posture Instability with Dopamine Drop of Nigrostriatal System and Hypometabolism of Cerebral Cortex in Parkinson's Disease. *Current Neurovascular Research*, **2021**, 18, 244-253	1.8	0
3	Synthesis of fused polycyclic -carboline derivatives using Ugi-4CR followed by cascade cyclization. *Molecular Diversity*,	3.1	0
2	Innenrücktitelbild: Fragment-Based Discovery of a Dual pan-RET/VEGFR2 Kinase Inhibitor Optimized for Single-Agent Polypharmacology (Angew. Chem. 30/2015). *Angewandte Chemie*, **2015**, 127, 8973-8973	3.6	
1	Discovery of 4-aminoquinolines as highly selective TGFR1 inhibitors with an attenuated MAP4K4 profile for potential applications in immuno-oncology. *European Journal of Medicinal Chemistry*, **2021**, 225, 113763	6.8	