

# Hong-Yu Li

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	One-pot synthesis of natural-product inspired spiroindolines with anti-cancer activities. <i>Organic Chemistry Frontiers</i> , <b>2022</b> , 9, 682-686	5.2	2
64	Discovery of N-Trisubstituted Pyrimidine Derivatives as Type I RET and RET Gatekeeper Mutant Inhibitors with a Novel Kinase Binding Pose.. <i>Journal of Medicinal Chemistry</i> , <b>2022</b> , 65, 1536-1551	8.3	0
63	Discovery of pyrazolo-thieno[3,2-d]pyrimidinylamino-phenyl acetamides as type-II pan-tropomyosin receptor kinase (TRK) inhibitors: Design, synthesis, and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 216, 113265	6.8	7
62	Solvent-Dependent Chemoselective and Stereoselective Approach to Synthesis of Spiro-Lactams with Potent Anticancer Activity. <i>Advanced Synthesis and Catalysis</i> , <b>2021</b> , 363, 2996-3000	5.6	1
61	Association of Posture Instability with Dopamine Drop of Nigrostriatal System and Hypometabolism of Cerebral Cortex in Parkinson's Disease. <i>Current Neurovascular Research</i> , <b>2021</b> , 18, 244-253	1.8	0
60	Targeted activity of the small molecule kinase inhibitor Pz-1 towards RET and TRK kinases. <i>Scientific Reports</i> , <b>2021</b> , 11, 16103	4.9	1
59	Destruction of DNA-Binding Proteins by Programmable Oligonucleotide PROTAC (OPROTAC): Effective Targeting of LEF1 and ERG. <i>Advanced Science</i> , <b>2021</b> , 8, e2102555	13.6	15
58	Inositol serves as a natural inhibitor of mitochondrial fission by directly targeting AMPK. <i>Molecular Cell</i> , <b>2021</b> , 81, 3803-3819.e7	17.6	4
57	Discovery and biological evaluation of phthalazines as novel non-kinase TGF $\beta$ pathway inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 223, 113660	6.8	2
56	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. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 225, 113776	6.8	2
55	Discovery of 4-aminoquinolines as highly selective TGF $\beta$ 1 inhibitors with an attenuated MAP4K4 profile for potential applications in immuno-oncology. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 225, 113763	6.8	
54	Ubiquitination-mediated degradation of TRDMT1 regulates homologous recombination and therapeutic response. <i>NAR Cancer</i> , <b>2021</b> , 3, zcab010	5.2	2
53	Catalyst-Free One-Pot Synthesis of Densely Substituted Pyrazole-Pyrazines as Anti-Colorectal Cancer Agents. <i>Scientific Reports</i> , <b>2020</b> , 10, 9281	4.9	5
52	Expeditious access of chromone analogues via a Michael addition-driven multicomponent reaction. <i>Organic Chemistry Frontiers</i> , <b>2020</b> , 7, 987-992	5.2	6
51	The Skp2 Pathway: A Critical Target for Cancer Therapy. <i>Seminars in Cancer Biology</i> , <b>2020</b> , 67, 16-33	12.7	31
50	Transition State Analogues Enhanced by Fragment-Based Structural Analysis: Bacterial Methylthioadenosine Nucleosidases. <i>Biochemistry</i> , <b>2020</b> , 59, 831-835	3.2	2
49	Synthesis of indoline-piperidinones via a novel Ugi, ring expansion, pseudo-Dieckmann condensation and rearrangement cascade reaction. <i>Organic Chemistry Frontiers</i> , <b>2020</b> , 7, 737-741	5.2	8

48	An acid-catalyzed 1,4-addition isocyanide-based multicomponent reaction in neat water. <i>Green Chemistry</i> , <b>2020</b> , 22, 3716-3720	10	9
47	One-pot construction of functionalized aziridines and maleimides via a novel pseudo-Knoevenagel cascade reaction. <i>Chemical Communications</i> , <b>2020</b> , 56, 2194-2197	5.8	5
46	A Decarboxylative C(sp <sup>3</sup> )-N Bond Forming Reaction to Construct 4-Imidazolidinones via Post-Ugi Cascade Sequence in One Pot. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 4084-4091	5.6	4
45	Discovery of SP-96, the first non-ATP-competitive Aurora Kinase B inhibitor, for reduced myelosuppression. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 203, 112589	6.8	14
44	Pyrrrolo[2,3-d]pyrimidine derivatives as inhibitors of RET: Design, synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 206, 112691	6.8	7
43	A concise and unexpected one-pot methodology for the synthesis of pyrazinone-fused pyridones. <i>Organic Chemistry Frontiers</i> , <b>2020</b> , 7, 2657-2663	5.2	3
42	Microwave-Assisted Copper Catalysis of $\alpha$ -Difluorinated $\beta$ -Diol toward Difluoroalkyl Radical for Hydrodifluoroalkylation of $\alpha$ -Quinone Methides. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 12785-12796	4.2	2
41	Strategy Used to Control the Mechanism of Homogeneous Alkyne/Olefin Hydrogenation: AIMD Simulations and DFT Calculations. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 11626-11634	4.2	3
40	The Exploration of Chirality for Improved Druggability within the Human Kinome. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 441-469	8.3	16
39	Bioisosteric Discovery of NPA101.3, a Second-Generation RET/VEGFR2 Inhibitor Optimized for Single-Agent Polypharmacology. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 4506-4516	8.3	12
38	Microwave-assisted efficient and facile synthesis of tetramic acid derivatives via a one-pot post-Ugi cascade reaction. <i>Beilstein Journal of Organic Chemistry</i> , <b>2020</b> , 16, 663-669	2.5	1
37	Realgar transforming solution-induced differentiation of NB4 cell by the degradation of PML/RAR $\alpha$ partially through the ubiquitin-proteasome pathway. <i>Archives of Pharmacal Research</i> , <b>2019</b> , 42, 684-694	6.1	7
36	Lactate Is a Natural Suppressor of RLR Signaling by Targeting MAVS. <i>Cell</i> , <b>2019</b> , 178, 176-189.e15	56.2	166
35	Intramolecular cyclization of imidazo[1,2-a]pyridines via a silver mediated/palladium catalyzed C-H activation strategy. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 2234-2239	5.2	7
34	Merging Visible Light with Cross-Coupling: The Photochemical Direct C-H Difluoroalkylation of Imidazopyridines. <i>Organic Letters</i> , <b>2019</b> , 21, 8169-8173	6.2	24
33	Diversity-Oriented Synthesis of Imidazo-Dipyridines with Anticancer Activity via the Groebke-Blackburn-Bienaymé and TBAB-Mediated Cascade Reaction in One Pot. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 12632-12638	4.2	13
32	Structural Characterization of the Aurora Kinase B "DFG-flip" Using Metadynamics. <i>AAPS Journal</i> , <b>2019</b> , 22, 14	3.7	7
31	Insights into Current Tropomyosin Receptor Kinase (TRK) Inhibitors: Development and Clinical Application. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 1731-1760	8.3	38

30	Use of Imidazo[1,2-a]pyridine as a Carbonyl Surrogate in a Mannich-Like, Catalyst Free, One-Pot Reaction. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 770-777	3.2	14
29	Rational Design, Synthesis and Biological Evaluation of Pyrimidine-4,6-diamine derivatives as Type-II inhibitors of FLT3 Selective Against c-KIT. <i>Scientific Reports</i> , <b>2018</b> , 8, 3722	4.9	7
28	Functionalized Spiroindolines with Anticancer Activity through a Metal-Free Post-Ugi Diastereoselective One-Pot Cascade Reaction. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 6732-6736	4.8	5
27	Acid-Promoted One-Pot Synthesis of Substituted Furan and 6-Methylpyrazin-2(1 H)-one Derivatives via Allene Intermediate Formed in Situ. <i>ACS Combinatorial Science</i> , <b>2018</b> , 20, 292-297	3.9	7
26	Diversity-Oriented Synthesis of Functionalized Imidazopyridine Analogues with Anti-Cancer Activity through a Transition-Metal Free, One-pot Cascade Reaction. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 3655-3661	5.6	8
25	Selective, C-3 Friedel-Crafts acylation to generate functionally diverse, acetylated Imidazo[1,2-]pyridine derivatives. <i>Tetrahedron</i> , <b>2018</b> , 74, 4592-4600	2.4	10
24	Facile construction of fused benzimidazole-isoquinolinones that induce cell-cycle arrest and apoptosis in colorectal cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , <b>2018</b> , 26, 3899-3908	3.4	19
23	Catalyst free, C-3 functionalization of imidazo[1,2-a]pyridines to rapidly access new chemical space for drug discovery efforts. <i>Chemical Communications</i> , <b>2018</b> , 54, 12954-12957	5.8	26
22	Synthesis of Pyridodiindoles with Anticancer Activity by a Three-Component Cascade Condensation. <i>Organic Letters</i> , <b>2018</b> , 20, 7811-7815	6.2	16
21	The molecular basis for RET tyrosine-kinase inhibitors in thyroid cancer. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 31, 307-318	6.5	21
20	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. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 126, 1083-1106	6.8	27
19	Synthesis of Constrained Heterocycles Employing Two Post-Ugi Cyclization Methods for Rapid Library Generation with In Cellulo Activity. <i>ChemistrySelect</i> , <b>2017</b> , 2, 11821-11825	1.8	1
18	Anandins A and B, Two Rare Steroidal Alkaloids from a Marine Streptomyces anandii H41-59. <i>Marine Drugs</i> , <b>2017</b> , 15,	6	11
17	Preclinical activity of MBM-5 in gastrointestinal cancer by inhibiting NEK2 kinase activity. <i>Oncotarget</i> , <b>2016</b> , 7, 79327-79341	3.3	5
16	EM23, a natural sesquiterpene lactone, targets thioredoxin reductase to activate JNK and cell death pathways in human cervical cancer cells. <i>Oncotarget</i> , <b>2016</b> , 7, 6790-808	3.3	16
15	Ergosterols from the Culture Broth of Marine Streptomyces anandii H41-59. <i>Marine Drugs</i> , <b>2016</b> , 14,	6	14
14	Skp2-dependent ubiquitination and activation of LKB1 is essential for cancer cell survival under energy stress. <i>Molecular Cell</i> , <b>2015</b> , 57, 1022-1033	17.6	77
13	Computer aided drug discovery of highly ligand efficient, low molecular weight imidazopyridine analogs as FLT3 inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 94, 123-31	6.8	18

12	Triterpenoid saponins from the root bark of <i>Schima superba</i> and their cytotoxic activity on B16 melanoma cell line. <i>Carbohydrate Research</i> , <b>2015</b> , 413, 107-14	2.9	14
11	Antioxidant activities of cold-nature Tibetan herbs are significantly greater than hot-nature ones and are associated with their levels of total phenolic components. <i>Chinese Journal of Natural Medicines</i> , <b>2015</b> , 13, 609-17	2.8	9
10	Innenmarkt: Fragment-Based Discovery of a Dual pan-RET/VEGFR2 Kinase Inhibitor Optimized for Single-Agent Polypharmacology (Angew. Chem. 30/2015). <i>Angewandte Chemie</i> , <b>2015</b> , 127, 8973-8973	3.6	
9	Fragment-Based Discovery of a Dual pan-RET/VEGFR2 Kinase Inhibitor Optimized for Single-Agent Polypharmacology. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 8841-8845	3.6	2
8	Fragment-Based Discovery of a Dual pan-RET/VEGFR2 Kinase Inhibitor Optimized for Single-Agent Polypharmacology. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 8717-21	16.4	30
7	Metal-free, efficient hydrazination of imidazo[1,2-a]pyridine with diethyl azodicarboxylate in neutral media. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 2958-64	3.9	33
6	Efficient access to 2,3-diarylimidazo[1,2-a]pyridines via a one-pot, ligand-free, palladium-catalyzed three-component reaction under microwave irradiation. <i>Organic Letters</i> , <b>2014</b> , 16, 3016-9	6.2	45
5	Identification of pyrazine-based TrkA inhibitors: design, synthesis, evaluation, and computational modeling studies. <i>MedChemComm</i> , <b>2014</b> , 5, 1507-1514	5	8
4	Identification of two novel RET kinase inhibitors through MCR-based drug discovery: design, synthesis and evaluation. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 86, 714-23	6.8	18
3	Selective Reduction of Halogenated Nitroarenes with Hydrazine Hydrate in the Presence of Pd/C. <i>Synlett</i> , <b>2014</b> , 25, 1403-1408	2.2	44
2	A novel, selective inhibitor of fibroblast growth factor receptors that shows a potent broad spectrum of antitumor activity in several tumor xenograft models. <i>Molecular Cancer Therapeutics</i> , <b>2011</b> , 10, 2200-10	6.1	142
1	Synthesis of fused polycyclic carboline derivatives using Ugi-4CR followed by cascade cyclization. <i>Molecular Diversity</i> ,	3.1	0