

# Lin Dong

## List of Publications by Year in descending order

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87  
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2,247  
citations

218677

26  
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265206

42  
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99  
all docs

99  
docs citations

99  
times ranked

1809  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhodium-catalyzed C–C coupling reactions via double C–H activation. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4554-4570.	2.8	158
2	Rhodium(III)-Catalyzed Oxidative Annulation of 7-Azaindoles and Alkynes via Double C–H Activation. <i>Organic Letters</i> , 2015, 17, 3018-3021.	4.6	104
3	Rhodium(III)-Catalyzed Direct Selective C(5)–H Oxidative Annulations of 2-Substituted Imidazoles and Alkynes by Double C–H Activation. <i>Organic Letters</i> , 2013, 15, 1878-1881.	4.6	99
4	Asymmetric Diels–Alder reaction of $\beta,\beta$ -disubstituted enals and chromone-fused dienes: construction of collections with high molecular complexity and skeletal diversity. <i>Chemical Science</i> , 2012, 3, 1879.	7.4	94
5	Rhodium–Catalyzed Spirocyclic Sultam Synthesis by [3+2] Annulation with Cyclic <i>N</i> -Sulfonyl Ketimines and Alkynes. <i>Chemistry - A European Journal</i> , 2013, 19, 16537-16540.	3.3	92
6	Highly Functionalized Pyridines Synthesis from <i>N</i> -Sulfonyl Ketimines and Alkynes Using the N–S Bond as an Internal Oxidant. <i>Organic Letters</i> , 2014, 16, 1684-1687.	4.6	90
7	Synthesis of Aza–Fused Polycyclic Quinolines via Double C–H Bond Activation. <i>Chemistry - A European Journal</i> , 2012, 18, 8896-8900.	3.3	86
8	Multi-site cyclization via initial C–H activation using a rhodium catalyst: rapid assembly of frameworks containing indoles and indolines. <i>Chemical Communications</i> , 2015, 51, 2844-2847.	4.1	67
9	Ruthenium(II)-Catalyzed Indolo[2,1- <i>a</i> ]isoquinolines Synthesis by Tandem C–H Alkylation and Oxidative Cyclization of 2-Phenylindoles with Allyl Carbonates. <i>Organic Letters</i> , 2017, 19, 2258-2261.	4.6	59
10	Rhodium(III)–Catalyzed Three–Component Reaction of Imines, Alkynes, and Aldehydes through C–H Activation. <i>Chemistry - A European Journal</i> , 2014, 20, 16882-16886.	3.3	57
11	Iridium(III)-Catalyzed Tandem Annulation Synthesis of Pyrazolo[1,2- <i>f</i> ]cinnolines from Pyrazolones and Sulfoxonium Ylides. <i>Journal of Organic Chemistry</i> , 2019, 84, 409-416.	3.2	55
12	Ir–Catalyzed One–Pot Cascade Synthesis of Pentacyclic–Fused Carbazoles from Indoles and Diazoes. <i>Chemistry - an Asian Journal</i> , 2016, 11, 3165-3168.	3.3	42
13	Rhodium–Catalyzed Hydrogen–Releasing <i>ortho</i> –Alkenylation of 7–Azaindoles. <i>Chemistry - A European Journal</i> , 2016, 22, 17926-17929.	3.3	40
14	Synthesis of indoles and polycyclic amides via ruthenium–catalyzed C–H activation and annulation. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11228-11234.	2.8	37
15	Rhodium(III)-catalyzed vinylic sp <sup>2</sup> C–H bond functionalization: efficient synthesis of pyrido[1,2- <i>f</i> ]benzimidazoles and imidazo[1,2- <i>f</i> ]pyridines. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 6142.	2.8	35
16	Lack of association between ABCB1 gene polymorphisms and pharmaco-resistant epilepsy: An analysis in a western Chinese pediatric population. <i>Brain Research</i> , 2011, 1391, 114-124.	2.2	34
17	Rhodium–catalyzed C–C coupling of 7-azaindoles with vinyl acetates and allyl acetates. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 229-237.	2.8	34
18	Synthesis of 7–Azaindole Amidated Derivatives: An Efficient Usage of Acyl Azides as the Nitrogen Source. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1104-1110.	4.3	34

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19	A unique annulation of 7-azaindoles with alkenyl esters to produce $\beta$ -conjugated 7-azaindole derivatives. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5214-5218.	2.8	32
20	Iridium(III)-Catalyzed Tandem [3 + 2] Annulation: Synthesis of Spirocyclic Phosphoramidate Derivatives. <i>Organic Letters</i> , 2016, 18, 4214-4217.	4.6	32
21	Cobalt(III)-Catalyzed C-H Amidation of 7-Azaindoles with Dioxazolones: Synthesis of 7-Azaindole Amidated Derivatives. <i>Journal of Organic Chemistry</i> , 2018, 83, 10555-10563.	3.2	29
22	Ruthenium-catalyzed direct C3 alkylation of indoles with $\alpha,\beta$ -unsaturated ketones. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1254-1263.	2.8	28
23	Asymmetric catalysis in direct nitromethane-free Henry reactions. <i>RSC Advances</i> , 2020, 10, 2313-2326.	3.6	28
24	Synthesis of $\alpha$ -Ketone-isoquinoline Derivatives via Tandem Ruthenium(II)-Catalyzed C-H Activation and Annulation. <i>Organic Letters</i> , 2018, 20, 6990-6993.	4.6	27
25	Rhodium(III)-catalyzed tandem annulation reaction to build polycyclic benzothiazine derivatives. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2457-2461.	4.5	27
26	Rh(III)-Catalyzed [3 + 2] Spirocyclization of 2-H-Imidazoles with 1,3-Diynes for the Synthesis of Spiro-[imidazole-indene] Derivatives. <i>Organic Letters</i> , 2020, 22, 7604-7608.	4.6	27
27	Access to $\beta$ -conjugated azaindole derivatives via rhodium(III)-catalyzed cascade reaction of azaindoles and diazo compounds. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2902-2905.	2.8	26
28	Rhodium-Catalyzed Tandem Annulation Reactions of 7-Azaindoles with Electron-Deficient Olefins via Double C-H Activation. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1595-1601.	4.3	24
29	Rhodium-catalyzed benzoisothiazole synthesis by tandem annulation reactions of sulfoximines and activated olefins. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9983-9986.	2.8	23
30	Synthesis of 2-aminobenzaldehydes by rhodium(III)-catalyzed C-H amidation of aldehydes with dioxazolones. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2115-2119.	4.5	23
31	Iridium(III)-Catalyzed C-H Amidation/Cyclization of N-Sulfoximines with N-Alkoxyamides: Formation of Thiadiazine 1-Oxides. <i>Organic Letters</i> , 2020, 22, 2060-2063.	4.6	23
32	Specific Synthesis of 3-H-Indole Derivatives via Rh(III)-Catalyzed Cascade Annulation between N-Phenylbenzimidamides and Pyridotriazoles. <i>Journal of Organic Chemistry</i> , 2019, 84, 16286-16292.	3.2	22
33	Rh(III)-catalyzed direct cross-dehydrogenative coupling of aromatic nitriles with heteroarenes: Rapid access to biheteroaryl-2-carbonitriles. <i>Green Synthesis and Catalysis</i> , 2020, 1, 167-170.	6.8	21
34	Ruthenium-Catalyzed PIII-Directed Remote $\mu$ -C-H Alkylation of Phosphines. <i>Organic Letters</i> , 2021, 23, 2052-2056.	4.6	21
35	One-pot construction of fused polycyclic heteroarenes involving 7-azaindoles and $\alpha,\beta$ -unsaturated ketones. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7859-7863.	2.8	20
36	One-Pot Synthesis of Polysubstituted Spirofluorene-Indene via Ru(II)-Catalyzed [3 + 2] Annulation and Intramolecular Friedel-Crafts Cyclization. <i>Journal of Organic Chemistry</i> , 2015, 80, 9973-9979.	3.2	19

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37	Rhodium-catalyzed selective oxidative coupling of 7-azaindoles. <i>Tetrahedron</i> , 2016, 72, 2581-2586.	1.9	18
38	Metal-free tandem reaction synthesis of spiro-cyclopropyl fused pyrazolin-5-one derivatives. <i>Organic Chemistry Frontiers</i> , 2019, 6, 664-668.	4.5	18
39	Asymmetric Sequential Aza-Diels-Alder and <i>o</i> -Michael Addition: Efficient Construction of Chiral Hydropyrano[2,3- <i>b</i> ]pyridines. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2669-2675.	4.9	17
40	Inhibition of Acetylcholinesterase (AChE): A Potential Therapeutic Target to Treat Alzheimer's Disease. <i>Chemical Biology and Drug Design</i> , 2015, 86, 776-782.	3.2	17
41	A Convenient One-Pot Route to Screw-Shaped [5]Azahelicenes via Rhodium(III)-Catalyzed Multiple C-H Bond Activation. <i>Chemistry - an Asian Journal</i> , 2017, 12, 415-418.	3.3	17
42	Rhodium-catalyzed tandem reaction: efficient synthesis of dihydrobenzo thiadiazine 1-oxide derivatives. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1458-1462.	4.5	17
43	Synthesis of Mesoionic Isoquinolines by Rhodium(III)-Catalyzed C-H Activation. <i>Chemistry - A European Journal</i> , 2016, 22, 907-910.	3.3	16
44	Formation of diversified spiro-[imidazole-indene] derivatives from 2-H-imidazoles: based on versatile propargyl alcohols. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4549-4553.	4.5	15
45	Lewis Base Assisted Brønsted Base Catalysis: Direct Asymmetric Allylic Alkylation of Indenes. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 7366-7371.	2.4	14
46	One-Pot Synthesis of Decahydropyrene via Tandem C-H Activation/Intramolecular Diels-Alder/1,3-Dipolar Cycloaddition. <i>Organic Letters</i> , 2016, 18, 5524-5527.	4.6	14
47	Synthesis of Polycyclic Amides via Tandem Rh <sup>III</sup> -Catalyzed C-H Activation and Annulation from Dioxazolones and Alkynes. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 812-816.	2.7	14
48	Ruthenium-Catalyzed Selective C-C Coupling of Allylic Alcohols with Free Indoles: Influence of the Metal Catalyst. <i>Chemistry - A European Journal</i> , 2018, 24, 5474-5478.	3.3	14
49	Efficient Synthesis of Functionalized Indene Derivatives via Rh(III)-Catalyzed Cascade Reaction between Oxadiazoles and Allylic Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2037-2041.	4.3	14
50	Asymmetric aza-Diels-Alder and Cation-olefin Cyclization Sequence: a Concise Way to Fused Chiral Cyclopenta[ <i>b</i> ]piperidines. <i>ChemCatChem</i> , 2012, 4, 1139-1142.	3.7	13
51	Synthesis of rhodium-catalyzed isoquinoline derivatives from allyl carbonates and benzimidates with hydrogen evolution. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 1412-1416.	2.8	13
52	Rh-catalyzed multi-site-selective C-H bond functionalization: condition-controlled synthesis of diverse fused polycyclic benzimidazole derivatives. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2487-2493.	4.5	13
53	Novel biologically active series of N-acetylglucosamine derivatives for the suppressive activities on CAG release. <i>Carbohydrate Research</i> , 2016, 433, 73-79.	2.3	12
54	Rhodium(III)-Catalyzed One-Pot Cascade Synthesis of Functionalized Isoquinolines. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 2422-2426.	2.7	12

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55	Construction of pyrazolone analogues <i>via</i> rhodium-catalyzed C–H activation from pyrazolones and non-activated free allyl alcohols. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2713-2717.	4.5	12
56	Rh <sup>III</sup> -Catalyzed one-pot cascade synthesis of quinazolines with <i>N</i> -alkoxyamide as an amidating reagent. <i>Organic Chemistry Frontiers</i> , 2020, 7, 1230-1234.	4.5	12
57	Synthesis and evaluation of asiatic acid derivatives as anti-fibrotic agents: Structure/activity studies. <i>Steroids</i> , 2015, 96, 44-49.	1.8	11
58	Discovery of Novel Allopurinol Derivatives with Anticancer Activity and Attenuated Xanthine Oxidase Inhibition. <i>Molecules</i> , 2016, 21, 771.	3.8	11
59	Diverse Reactivity in a Rhodium(III)-Catalyzed Vinylic $\alpha$ -C–H Bond Functionalization: Synthesis of Fused Polycyclic Heteroarenes or Conjugated Dienes. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3724-3729.	4.3	11
60	Metal-Free [3+2] Tandem Cyclization Synthesis of Unique 11-H-Pyrido[3,2- <i>b</i> ]Pyrrolo[3,2- <i>b</i> ]Indolizine from 7-Azaindoles and Pyridotriazoles. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4197-4201.		11
61	Catalyst-Controlled C–H Transformation of Pyrazolidinones with 1,3-Diynes for Highly Selective Synthesis of Functionalized Bisindoles and Indoles. <i>Journal of Organic Chemistry</i> , 2022, , .	3.2	11
62	Morphology and crystallization behavior of PCL/SAN blends containing nanosilica with different surface properties. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	10
63	Transition-metal and oxidant-free approach for the synthesis of diverse N-heterocycles by TMSCl activation of isocyanides. <i>RSC Advances</i> , 2020, 10, 29257-29262.	3.6	10
64	Rhodium( $\text{III}$ )-catalyzed ortho-alkenylation using a cyclic N-phosphoryl ketimine as the directing group. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9472-9475.	2.8	9
65	Diastereo- and Enantioselective Mannich/Cyclization Cascade Reaction Access to Chiral Benzothiazolopyrimidine Derivatives. <i>Chemistry - A European Journal</i> , 2021, 27, 6183-6186.	3.3	9
66	Rhodium-catalyzed [2+2+2] cycloaddition reactions of terminal alkynes with <i>N</i> -sulfonyl ketimines. <i>Tetrahedron Letters</i> , 2015, 56, 546-548.	1.4	8
67	Rhodium-catalyzed biheteroaryl-2-carbonitrile synthesis <i>via</i> double C–H activation. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3864-3867.	4.5	8
68	Rh( $\text{III}$ )-Catalyzed three-component cascade annulation to produce the <i>N</i> -oxopropyl chain of isoquinolone derivatives. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 561-567.	2.8	8
69	Rapid Synthesis of Alkenylated BINOL Derivatives via Rh(III)-Catalyzed C–H Bond Activation. <i>Organic Letters</i> , 2020, 22, 4648-4652.	4.6	7
70	Rh( $\text{III}$ )-Catalyzed one-pot three-component cyclization reaction: rapid selective synthesis of monohydroxy polycyclic BINOL derivatives. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4967-4973.	4.5	7
71	Synthesis of 2,3,4-trisubstituted pyrrole derivatives via [3 + 2] cyclization of activated methylene isocyanides with 4-(arylidene)-2-substituted oxazol-5(4H)-ones. <i>Organic Chemistry Frontiers</i> , 2020, 7, 420-424.	4.5	6
72	Cascade Reaction to Selectively Synthesize Multifunctional Indole Derivatives by Ir <sup>III</sup> -Catalyzed C–H Activation. <i>Chemistry - A European Journal</i> , 2021, 27, 13123-13127.	3.3	6

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73	Synthesis and Antitumor Activity of a Novel Series of Helicid-Pyrrolidone Derivatives. <i>Chemistry of Natural Compounds</i> , 2015, 51, 121-126.	0.8	4
74	The application of Morita-Baylis-Hillman reaction: Synthetic studies on perophoramidine. <i>Tetrahedron</i> , 2017, 73, 3966-3972.	1.9	4
75	Highly Efficient Rhodium-Catalyzed Oxindole-Directed Oxidative Heck-Type Reaction of <i>N</i> -Aryloxindoles with Alkenes. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 2448-2451.	2.7	4
76	Rh(III)-Catalyzed olefination to build diverse oxazole derivatives from functional alkynes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4937-4942.	2.8	4
77	Efficient synthesis of <i>N</i> -butadiene substituted oxindole derivatives. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3460-3463.	4.5	3
78	Ru(II)-Catalyzed Difluoromethylations of 7-Azaindoles: Access to Novel Fluoro-7-Azaindole Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1410-1413.	2.7	3
79	An Approach to Vinylidenequinazolines from Isoxazoles and Dioxazolones. <i>Journal of Organic Chemistry</i> , 2022, , .	3.2	3
80	Rh(III)-Catalyzed cascade annulation to produce an <i>N</i> -acetyl chain of spiropyrroloisoquinoline derivatives. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2293-2299.	2.8	3
81	Nickel-Catalyzed Cross-Electrophile Coupling Reactions between Allylic Acetates and <i>gem</i> -Difluorovinyl Tosylate. <i>Organic Letters</i> , 2022, 24, 3538-3543.	4.6	3
82	Iridium(III)-catalyzed two-fold C-H alkylation of BINOLs with allyl alcohols. <i>Organic Chemistry Frontiers</i> , 2022, 9, 471-475.	4.5	2
83	Rh(III)-Catalyzed Tandem [4+2] Annulation To Construct Functional Dihydroisoquinolinones. <i>Synthesis</i> , 2022, 54, 3271-3281.	2.3	2
84	Synthesis and Biological Evaluation of Novel Methyl 2-Hydroxy-5-Substituted Benzoate Derivatives as Mushroom Tyrosinase Inhibitors. <i>Chemistry of Natural Compounds</i> , 2014, 50, 598-602.	0.8	1
85	Synthesis of Fused Polycyclic 4-Anilinoquinazolines and <i>N</i> -Quinazoline-Indoles via Selective C-H Bond Activation. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5645-5652.	4.3	1
86	Titelbild: Trienamine Catalysis with 2,4-Dienones: Development and Application in Asymmetric Diels-Alder Reactions ( <i>Angew. Chem.</i> 18/2012). <i>Angewandte Chemie</i> , 2012, 124, 4315-4315.	2.0	0
87	Frontispiece: Rhodium-Catalyzed Hydrogen-Releasing ortho-Alkenylation of 7-Azaindoles. <i>Chemistry - A European Journal</i> , 2016, 22, .	3.3	0