

# Guobo Deng

## List of Publications by Year in descending order

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33  
papers

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citations

471509

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#	ARTICLE	IF	CITATIONS
1	Double C=C bond formation via C-H bond functionalization: synthesis of benzothiazoles and naphtho[2,1-d]thiazoles from N-substituted arylamines and elemental sulfur. <i>Chemical Communications</i> , 2017, 53, 11917-11920.	4.1	70
2	Palladium-Catalyzed Synthesis of Triphenylenes via Sequential C-H Activation and Decarboxylation. <i>Organic Letters</i> , 2018, 20, 5402-5405.	4.6	61
3	Palladium-Catalyzed Tandem Reaction of Three Aryl Iodides Involving Triple C-H Activation. <i>Organic Letters</i> , 2018, 20, 2997-3000.	4.6	45
4	K <sub>2</sub> S as Sulfur Source and DMSO as Carbon Source for the Synthesis of 2-Unsubstituted Benzothiazoles. <i>Organic Letters</i> , 2020, 22, 3789-3793.	4.6	45
5	Pd-Catalyzed disilylation: an efficient route to 2,2-bis(trimethylsilyl)biphenyls via trapping transient dibenzopalladacyclopentadienes with hexamethyldisilane. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1488-1492.	4.5	42
6	Palladium-Catalyzed Cascade Cyclization of Alkene-Tethered Aryl Halides with <i>o</i> -Bromobenzoic Acids: Access to Diverse Fused Indolo[2,1- <i>a</i> ]isoquinolines. <i>Organic Letters</i> , 2019, 21, 7284-7288.	4.6	41
7	NBE-Controlled Palladium-Catalyzed Interannular Selective C-H Silylation: Access to Divergent Silicon-Containing 1,1-Biaryl-2-Acetamides. <i>Organic Letters</i> , 2019, 21, 2718-2722.	4.6	40
8	Palladium-Catalyzed Domino Heck/C-H Activation/Decarboxylation: A Rapid Entry to Fused Isoquinolinediones and Isoquinolinones. <i>Organic Letters</i> , 2019, 21, 9960-9964.	4.6	40
9	A catalyst-free and additive-free method for the synthesis of benzothiazolethiones from <i>o</i> -iodoanilines, DMSO and potassium sulfide. <i>Green Chemistry</i> , 2018, 20, 1970-1974.	9.0	39
10	Disilylation of N-(2-Halophenyl)-2-phenylacrylamides with hexamethyldisilane via trapping the spirocyclic palladacycles. <i>Tetrahedron Letters</i> , 2018, 59, 1836-1840.	1.4	34
11	Transition-Metal-Free Sulfuration/Annulation of Alkenes: Economical Access to Thiophenes Enabled by the Cleavage of Multiple C-H Bonds. <i>Organic Letters</i> , 2018, 20, 7392-7395.	4.6	34
12	Palladium-catalyzed domino Heck-disilylation and -borylation of alkene-tethered 2-(2-halophenyl)-1- <i>H</i> -indoles: access to diverse disilylated and borylated indolo[2,1- <i>a</i> ]isoquinolines. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2016-2021.	4.5	30
13	$\beta$ -Oxocarboxylic Acids as Three-Carbon Insertion Units for Palladium-Catalyzed Decarboxylative Cascade Synthesis of Diverse Fused Heteropolycycles. <i>Organic Letters</i> , 2021, 23, 2878-2883.	4.6	28
14	Palladium/Norbornene Chemistry: Synthesis of Norbornene-Containing Arylsilanes Involving Double C-Si Bond Formation. <i>Journal of Organic Chemistry</i> , 2018, 83, 13930-13939.	3.2	25
15	$\beta$ -Bromoacrylic Acids as C1 Insertion Units for Palladium-Catalyzed Decarboxylative Synthesis of Diverse Dibenzofulvenes. <i>Organic Letters</i> , 2021, 23, 5744-5749.	4.6	22
16	Synthesis of dibenzo[a,c]carbazoles from 2-(2-halophenyl)-indoles and iodobenzenes via palladium-catalyzed dual C-H functionalization. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6808-6812.	2.8	20
17	Pd-Catalyzed one-pot synthesis of vinylsilanes via a three-component tandem reaction. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2075-2081.	4.5	20
18	Iodine-Catalyzed Three-Component Cascade Reaction for the Synthesis of Substituted 2-Phenylnaphtho[1,3]selenazoles under Transition-Metal-Free Conditions. <i>Journal of Organic Chemistry</i> , 2020, 85, 3349-3357.	3.2	19

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19	Palladium-Catalyzed [4 + 3] or [2 + 2 + 3] Annulation via C-H Activation and Subsequent Decarboxylation: Access to Heptagon-Embedded Polycyclic Aromatic Hydrocarbons. <i>Organic Letters</i> , 2021, 23, 2610-2615.	4.6	18
20	Copper-catalyzed highly selective synthesis of 2-benzyl- and 2-benzylidene-substituted benzo[ <i>b</i> ]thiazinones from 2-iodophenylcinnamamides and potassium sulfide. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9804-9808.	2.8	17
21	Palladium-Catalyzed Domino Heck/Silylation Reaction for the Synthesis of (2-oxoindolin-3-yl)methylsilanes via Trapping of the $\sigma$ -Alkylpalladium Intermediates with Disilanes. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3477-3481.	4.3	17
22	A radical cyclization cascade of 2-alkynylbenzonnitriles with sodium arylsulfonates. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7959-7963.	2.8	16
23	$\text{Me}_3\text{SiMe}_2(\text{O}^n\text{Bu})$ : a disilane reagent for the synthesis of diverse silacycles via Brook- and retro-Brook-type rearrangement. <i>Chemical Science</i> , 2021, 12, 11756-11761.	7.4	16
24	Atmosphere-Controlled Palladium-Catalyzed Divergent Decarboxylative Cyclization of 2-Iodobiphenyls and $\beta$ -Oxocarboxylic Acids. <i>Organic Letters</i> , 2021, 23, 7150-7155.	4.6	14
25	Catalyst- and Additive-Free Method for the Synthesis of 2-Substituted Benzothiazoles from Aromatic Amines, Aliphatic Amines, and Elemental Sulfur. <i>ACS Omega</i> , 2020, 5, 13136-13147.	3.5	13
26	Palladium-catalyzed cascade synthesis of spirocyclic oxindoles via regioselective C2-H arylation and C8-H alkylation of naphthalene ring. <i>Chinese Chemical Letters</i> , 2021, 32, 713-716.	9.0	11
27	Chemoselective Transformations of Cyclic $\beta$ -Bromoacrylic Acids with Palladacycles Formed by Aryl Iodides to Access Fused or Spiro Polycycles. <i>Organic Letters</i> , 2022, 24, 1400-1404.	4.6	11
28	A palladium-catalyzed Heck/[4 + 1] decarboxylative cyclization cascade to access diverse heteropolycycles by using $\beta$ -bromoacrylic acids as C1 insertion units. <i>Organic Chemistry Frontiers</i> , 0, , .	4.5	10
29	Assembly of Furazan-Fused Quinolines via an Expedient Metal-Free [2+2+1] Radical Tandem Cyclization Process. <i>Organic Letters</i> , 2021, 23, 6520-6524.	4.6	8
30	A Catellani and retro-Diels-Alder strategy to access 1-amino phenanthrenes via ortho- and interannular C-H activation of 2-iodobiphenyls. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6535-6540.	4.5	7
31	Copper-catalyzed [3 + 2]/[3 + 2] carboannulation of dienes and arylsulfonyl chlorides enabled by Smiles rearrangement: access to cyclopenta[ <i>a</i> ]indene-fused quinolinones. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5092-5097.	4.5	5
32	Double C-S bond formation via multiple Csp <sup>3</sup> -H bond cleavage: synthesis of 4-hydroxythiazoles from amides and elemental sulfur under metal-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 10068-10072.	2.8	5
33	Decarboxylative cyclization of <i>o</i> -chlorobenzoic acids with <i>C</i> , <i>C</i> -palladacycles formed by an aminopalladation/dealkylation strategy to access dibenzo[ <i>a,c</i> ]carbazoles. <i>Organic Chemistry Frontiers</i> , 0, , .	4.5	2