

# You Huang

## List of Publications by Year in descending order

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78  
papers

3,305  
citations

126907

33  
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155660

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78  
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docs citations

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times ranked

1384  
citing authors

#	ARTICLE	IF	CITATIONS
1	Morita's Baylis-Hillman adduct derivatives (MBHADs): versatile reactivity in Lewis base-promoted annulation. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8578-8595.	2.8	241
2	Domino Cyclization Initiated by Cross-Coupling Currier Reactions. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6213-6226.	2.4	159
3	Recent advances in phosphine catalysis involving $\beta^3$ -substituted allenates. <i>Chemical Communications</i> , 2020, 56, 680-694.	4.1	131
4	Phosphine-Catalyzed [4 + 2] Annulation of $\beta^3$ -Substituent Allenates: Facile Access to Functionalized Spirocyclic Skeletons. <i>Organic Letters</i> , 2013, 15, 3138-3141.	4.6	130
5	Phosphine-Catalyzed Domino Reaction: Highly Stereoselective Synthesis of <i>cis</i> -2,3-Dihydrobenzofurans from Salicyl <i>N</i> -Thiophosphinyl Imines and Allylic Carbonates. <i>Organic Letters</i> , 2010, 12, 3768-3771.	4.6	125
6	Bifunctional Phosphine-Catalyzed Domino Reaction: Highly Stereoselective Synthesis of <i>cis</i> -2,3-Dihydrobenzofurans from Salicyl <i>N</i> -Thiophosphinyl Imines and Allenes. <i>Organic Letters</i> , 2009, 11, 137-140.	4.6	112
7	$PPh_3$ -Catalyzed Domino Reaction: A Facile Method for the Synthesis of Chroman Derivatives. <i>Organic Letters</i> , 2009, 11, 991-994.	4.6	112
8	Bifunctional Phosphine-Catalyzed Sequential Annulations of Allenates and Ketimines: Construction of Functionalized Polycyclic Heterocycle Rings. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11591-11594.	13.8	89
9	Highly Enantioselective Intermolecular Cross-Coupling Currier Reaction Catalyzed by a Multifunctional Lewis Base Catalyst. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1621-1624.	13.8	88
10	Phosphine-Catalyzed Sequential [4 + 3] Domino Annulation/Allylic Alkylation Reaction of MBH Carbonates: Efficient Construction of Seven-Membered Heterocycles. <i>Organic Letters</i> , 2017, 19, 5609-5612.	4.6	79
11	Phosphine-Mediated Domino Benzannulation Strategy for the Construction of Highly Functionalized Multiaryl Skeletons. <i>Chemistry - A European Journal</i> , 2012, 18, 7362-7366.	3.3	78
12	Phosphine-Catalyzed Domino Benzannulation: An Efficient Method to Construct Biaryl Skeletons. <i>Organic Letters</i> , 2013, 15, 5064-5067.	4.6	76
13	Phosphine-Catalyzed Sequential [2 + 3] and [3 + 2] Annulation Domino Reaction of $\beta^3$ -Benzyl-Substituted Allenates with $\beta^2$ -Unsaturated Ketimines To Construct aza-Bicyclo[3,3,0]octane Derivatives. <i>ACS Catalysis</i> , 2014, 4, 600-603.	11.2	70
14	Phosphine-Catalyzed [3 + 3]-Domino Cycloaddition of Ynones and Azomethine Imines To Construct Functionalized Hydropyridazine Derivatives. <i>Organic Letters</i> , 2016, 18, 2604-2607.	4.6	66
15	Substrate-Controlled, Phosphine-Catalyzed Domino Reactions of Activated Conjugated Dienes: Highly Diastereoselective Synthesis of Bicyclic Skeletons. <i>Chemistry - A European Journal</i> , 2011, 17, 7418-7422.	3.3	64
16	Divergent Domino Reactions of Sulfur Ylides: Access to Functionalized Six- and Seven-Membered Nitrogen Heterocycles. <i>Organic Letters</i> , 2018, 20, 6715-6718.	4.6	64
17	A Sulfur Ylide-Mediated Domino Benzannulation Strategy to Construct Biaryls, Alkenylated and Alkynylated Benzene Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2422-2428.	4.3	53
18	[3 + 2]-Annulation of Prop-2-ynylsulfonium Salts: Access to Hydroindol-5-ones Containing a Methylthio Group. <i>Organic Letters</i> , 2017, 19, 412-415.	4.6	53

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19	Tunable Phosphine-Mediated Domino Reaction: Selective Synthesis of 2,3-Dihydrofurans and Biaryls. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 161-169.	4.3	52
20	One step synthesis of benzoxazepine derivatives via a PPh <sub>3</sub> catalyzed aza-MBH domino reaction between salicyl N-tosylimines and allenates. <i>Chemical Communications</i> , 2013, 49, 10513.	4.1	51
21	Divergent Phosphine-Catalyzed [2+4] or [3+2] Cycloaddition Reactions of $\beta$ -Substituted Allenates with Oxadienes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 710-714.	2.4	51
22	Phosphine Sequentially Catalyzed Domino 1,6-Addition/Annulation: Access to Functionalized Chromans and Tetrahydroquinolines with an Ethynyl-Substituted All-Carbon Quaternary Center. <i>Organic Letters</i> , 2019, 21, 908-912.	4.6	51
23	Phosphine-catalyzed domino reaction: a novel sequential [2+3] and [3+2] annulation reaction of $\beta$ -substituent allenates to construct bicyclic[3, 3, 0]octene derivatives. <i>Chemical Communications</i> , 2014, 50, 948-950.	4.1	50
24	Phosphine-catalyzed intramolecular Rauhut-Currier reaction: enantioselective synthesis of hydro-2H-indole derivatives. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7097-7101.	2.8	47
25	Sequential Annulation Domino Reaction of Sulfur Ylides and $\beta,\beta$ -Unsaturated Cyclic Ketimines: Synthesis of Cyclic 2-Alkenyl Aziridines. <i>Organic Letters</i> , 2016, 18, 2475-2478.	4.6	45
26	Domino Reaction for the Chemo- and Stereoselective Synthesis of <i>trans</i> -2,3-Dihydrobenzofurans from <i>N</i> -Thiophosphinyl Imines and Sulfur Ylides. <i>Journal of Organic Chemistry</i> , 2011, 76, 7699-7705.	3.2	44
27	Phosphine-Catalyzed Domino Reaction for the Synthesis of Conjugated 2,3-Dihydrofurans from Allenates and Nazarov Reagents. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1533-1537.	3.3	43
28	Bifunctional phosphine-catalyzed cross-Rauhut-Currier/Michael/aldol condensation triple domino reaction: synthesis of functionalized cyclohexenes. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6707.	2.8	42
29	DABCO-Mediated [4 + 4]-Domino Annulation: Access to Functionalized Eight-Membered Cyclic Ethers. <i>Organic Letters</i> , 2015, 17, 4914-4917.	4.6	42
30	Tuning Catalysts to Tune the Products: Phosphine-Catalyzed Aza-Michael Addition Reaction of Hydrazones with Allenates. <i>Chemistry - an Asian Journal</i> , 2013, 8, 603-610.	3.3	40
31	Phosphine-Catalyzed Domino [3 + 3] Cyclization of para-Quinamines with Morita-Baylis-Hillman Carbonates: Access to Hydroquinoline Derivatives. <i>Organic Letters</i> , 2019, 21, 2843-2846.	4.6	40
32	Phosphine-Catalyzed Domino Reactions: A Route to Functionalized Bicyclic Skeletons. <i>Chemistry - A European Journal</i> , 2014, 20, 3520-3527.	3.3	37
33	Phosphine-catalyzed sequential annulation domino reaction: rapid construction of bicyclo[4.1.0]heptene skeletons. <i>Chemical Communications</i> , 2014, 50, 5710.	4.1	36
34	Phosphine-Catalyzed Remote 1,7-Addition for Synthesis of Diene Carboxylates. <i>ACS Catalysis</i> , 2020, 10, 3541-3547.	11.2	34
35	Sequential Catalyst Phosphine/Secondary Amine Promoted [1+4]/Rearrangement Domino Reaction for the Construction of 2-H-Pyrans and Oxabicyclo[2.2.2]oct-5-ene Skeletons. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1189-1194.	2.4	32
36	Phosphine-Catalyzed Rauhut-Currier Domino Reaction: A Facile Strategy for the Construction of Highly Functionalized Cyclopentene. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2032-2035.	3.3	31

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37	Phosphine-Catalyzed Rauhut-Carrier Domino Reaction: A Facile Strategy for the Construction of Carbocyclic Spirooxindoles Skeletons. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1981-1984.	3.3	31
38	Phosphine-Catalyzed Domino Reaction: An Efficient Method for the Synthesis of Bicyclo[3.2.0]heptenes Skeleton. <i>Organic Letters</i> , 2013, 15, 5758-5761.	4.6	31
39	One-Pot Synthesis of Polysubstituted Benzenes through a <i>N,N</i> -dimethyl-4-aminopyridine (DMAP)-Catalyzed [4+2] Benzannulation of 1,3-Bis(sulfonyl)butadienes and $\beta$ -Substituted Allenates. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1512-1517.	3.3	31
40	Sequential [1 + 4]- and [2 + 3]-Annulation of Prop-2-ynylsulfonium Salts: Access to Hexahydropyrrolo[3,2- <i>b</i> ]indoles. <i>Organic Letters</i> , 2017, 19, 4664-4667.	4.6	31
41	Sequential Phosphine-Catalyzed [4 + 2] Annulation of $\beta$ -Acetoxy Allenates: Enantioselective Synthesis of 3-Ethynyl-Substituted Tetrahydroquinolines. <i>Organic Letters</i> , 2019, 21, 1407-1411.	4.6	31
42	A phosphine mediated sequential annulation process of 2-tosylaminochalcones with MBH carbonates to construct functionalized aza-benzobicyclo[4.3.0] derivatives. <i>Chemical Communications</i> , 2017, 53, 3974-3977.	4.1	29
43	Phosphine-Catalyzed (3 + 2)/(3 + 2) Sequential Annulation of $\beta$ -Vinyl Allenates: Access to Fused Carbocycles. <i>Organic Letters</i> , 2020, 22, 433-437.	4.6	29
44	A convenient synthesis of 2-alkoxy-2-oxo-1,4,2-oxazaphosphinanes. <i>Heteroatom Chemistry</i> , 2007, 18, 65-69.	0.7	28
45	Phosphine-Mediated Sequential Annulation Reaction: Access to Functionalized Benzofurans and 4,5-Dihydrobenzofurans. <i>Chemistry - A European Journal</i> , 2017, 23, 7882-7886.	3.3	27
46	Phosphine-Catalyzed Divergent [4+3] Domino Annulations of CF <sub>3</sub> -Containing Imines with MBH Carbonates: Construction of Perfluoroalkylated Benzazepines. <i>Organic Letters</i> , 2019, 21, 7060-7064.	4.6	27
47	Synthesis of novel chiral 2-oxo- and 2-thio-1,3,2-oxazaphospholidines via asymmetric cyclization of L-methionol with (thio)phosphoryl dichlorides. <i>Heteroatom Chemistry</i> , 2005, 16, 33-38.	0.7	26
48	Divergent synthesis of hydropyridine derivatives via nitrogen-containing Lewis base mediated regioselective [4 + 2] cyclizations. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2216-2220.	4.5	23
49	One-Pot Synthesis of Cyclopropanes from Methylene Azabicyclo[3.1.0]hexanes Obtained by Formal Sequential [1+2]- and [2+3]-Cycloaddition Reaction of Prop-2-ynylsulfonium Salts and Tosylaminomethyl Enones. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 438-443.	4.3	23
50	Bifunctional-Phosphine-Catalyzed Sequential Annulations of Allenates and Ketimines: Construction of Functionalized Polycyclic Heterocycle Rings. <i>Angewandte Chemie</i> , 2016, 128, 11763-11766.	2.0	22
51	A Formal [5+1] Annulation Reaction of Sulfur Ylides and $\beta$ -indolylphenols: Access to Indole-Fused 4-hydroxybenzo[1,3]oxazines. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3044-3048.	4.3	21
52	Phosphine-Catalyzed [3 + 2] Annulation of $\beta$ -Substituted Allenates: Novel Access to Functionalized Cyclopentenes and Bicyclic[3, 3, 0]octene Derivatives. <i>ChemistrySelect</i> , 2018, 3, 12007-12010.	1.5	20
53	DBU-Catalyzed Desymmetrization of Cyclohexadienones: Access to Vicinal Diamine-Containing Heterocycles. <i>Organic Letters</i> , 2018, 20, 5006-5009.	4.6	19
54	Phosphine-catalyzed (3+2)/(2+3) sequential annulation involving a triple nucleophilic addition reaction of $\beta$ -vinyl allenates. <i>Chemical Communications</i> , 2019, 55, 14011-14014.	4.1	19

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55	Phosphine-catalyzed regiodivergent annulations of $\hat{1}^3$ -substituted allenates with conjugated dienes. <i>Chemical Communications</i> , 2019, 55, 10120-10123.	4.1	18
56	Convenient Synthesis of Analogs of Aminomethylene gem-Diphosphonic Acid from Amines Without Catalyst. <i>Synthetic Communications</i> , 2004, 34, 1393-1398.	2.1	17
57	Facile access to highly functionalized hydroisoquinoline derivatives via phosphine-catalyzed sequential [3+3]/[3+3] annulation. <i>Chemical Communications</i> , 2019, 55, 10976-10979.	4.1	17
58	Construction of CF <sub>3</sub> -Containing Tetrahydropyrano[3,2- <i>b</i> ]indoles through DMAP-Catalyzed [4+1]/[3+3] Domino Sequential Annulation. <i>Organic Letters</i> , 2020, 22, 6750-6755.	4.6	17
59	Designing and Accurately Developing a [6 + 2] Dipolar Cycloaddition for the Synthesis of Benzodiazocines. <i>Organic Letters</i> , 2021, 23, 5430-5434.	4.6	17
60	A new convenient way to synthesize 1-hydroxyphosphonates from heterocyclic aldehydes and ketones under microwave irradiation. <i>Heteroatom Chemistry</i> , 2007, 18, 347-353.	0.7	16
61	Nazarov Reagent: New Role for the [4+2] Domino Benzannulation Reaction to Construct Polysubstituted Benzenes. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2588-2593.	3.3	15
62	One-pot synthesis of novel 2-deoxyuridine derivatives containing $\hat{1}^{\pm}$ -aminophosphonate moieties. <i>Heteroatom Chemistry</i> , 2007, 18, 230-235.	0.7	14
63	DABCO-mediated [3+3] annulation of <i>para</i> -quinamines: access to functionalized 1,2,4-triazinone derivatives. <i>Chemical Communications</i> , 2019, 55, 10135-10137.	4.1	14
64	Phosphine-Mediated Sequential [2+4]/[2+3] Annulation to Construct Pyrroloquinolines. <i>Organic Letters</i> , 2022, 24, 1593-1597.	4.6	14
65	Phosphine-Catalyzed Sequential [3+3]/Aza-6 $\pi$ -Electrocyclization Reaction of Cross-Conjugated Azatrienes and <i>l</i> -Sulfonamido-Allenates. <i>Organic Letters</i> , 2020, 22, 9392-9397.	4.6	13
66	Divergent Domino Reactions of Prop-2-ynylsulfonium Salts: Access to Sulfur-Containing Benzo-Fused Dioxabicyclo[3.3.1]nonanes and Dihydrofuro[2,3- <i>c</i> ]chromenes. <i>Organic Letters</i> , 2020, 22, 5941-5946.	4.6	13
67	Catalyst-Controlled Divergent Intramolecular Cyclizations of Morita-Baylis-Hillman Carbonates. <i>Journal of Organic Chemistry</i> , 2021, 86, 12267-12276.	3.2	13
68	DABCO catalyzed [4+2] annulations of Morita-Baylis-Hillman carbonates with isocyanates. <i>Chemical Communications</i> , 2021, 57, 8985-8988.	4.1	12
69	Asymmetric Sequential Corey-Chaykovsky Cyclopropanation/Cloke-Wilson Rearrangement for the Synthesis of 2,3-Dihydrofurans. <i>Organic Letters</i> , 2021, 23, 8755-8760.	4.6	11
70	Phosphine-catalyzed sequential (2+3)/(2+4) annulation of $\hat{1}^3$ -vinyl allenates: access to the synthesis of chromeno[4,3- <i>b</i> ]pyrroles. <i>Chemical Communications</i> , 2021, 57, 9934-9937.	4.1	9
71	Advances in Organophosphorus Redox Catalysis. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 3903.	1.3	9
72	A Novel Synthesis of Allyl Selenides by Reaction of an Organosamarium Reagent With Alkyl Selenocyanates. <i>Synthetic Communications</i> , 2000, 30, 377-381.	2.1	7

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73	One-Pot Synthesis of 2,3,6-Trisubstituted Pyridines by Phosphine-Catalyzed Annulation of $\beta$ -Vinyl Allenates with Enamino Esters Followed by DDQ-Promoted Oxidative Aromatization. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1879-1883.	4.3	7
74	Organocatalytic domino reaction of salicyl N-thiophosphoryl imines and methyl vinyl ketone initiated by an aza-MBH reaction with bifunctional phosphine catalysts. <i>RSC Advances</i> , 2012, 2, 8104.	3.6	6
75	Organocatalyzed [3+3] Annulations for the Construction of Heterocycles. <i>Synthesis</i> , 2020, 52, 1181-1202.	2.3	6
76	De Novo Construction of Substituted Terephthalates via Phosphine Catalyzed Domino Benzannulation Reactions. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1873-1877.	4.3	6
77	A NEW APPROACH TO THE SYNTHESIS OF 1,3-AMINOALCOHOLS FROM MESOCYCLIC ACID ANHYDRIDE. <i>Organic Preparations and Procedures International</i> , 2003, 35, 429-432.	1.3	4
78	Phosphine-Catalyzed $\beta$ -Addition Reaction of $\beta$ -Substituted Allenates with Isatin Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 1179-1182.	2.7	4