

Kai-Kai Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5318574/publications.pdf>

Version: 2024-02-01

37
papers

418
citations

933447

10
h-index

794594

19
g-index

40
all docs

40
docs citations

40
times ranked

380
citing authors

#	ARTICLE	IF	CITATIONS
1	$\hat{1}\pm$ -Regioselective Asymmetric [3 + 2] Annulations of Morita-Baylis-Hillman Carbonates with Cyclic 1-Azadienes and Mechanism Elucidation. <i>Organic Letters</i> , 2016, 18, 872-875.	4.6	84
2	Substrate-controlled switchable asymmetric annulations to access polyheterocyclic skeletons. <i>Chemical Communications</i> , 2016, 52, 11104-11107.	4.1	51
3	Construction of polycyclic spirooxindoles through [3+2] annulations of Morita-Baylis-Hillman carbonates and 3-nitro-7-azaindoles. <i>Chinese Chemical Letters</i> , 2017, 28, 512-516.	9.0	38
4	Improved permeability and antifouling properties of polyvinyl chloride ultrafiltration membrane via blending sulfonated polysulfone. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 562-572.	9.4	30
5	Ynones in Reflex-Michael Addition, CuAAC, and Cycloaddition, as Well as their Use as Nucleophilic Enols, Electrophilic Ketones, and Allenic Precursors. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2456-2474.	2.4	16
6	Cross 1,3-dipolar cycloadditions of <i>C</i> , <i>N</i> -cyclic azomethine imines with an <i>N</i> -benzyl azomethine ylide: facile access to fused tricyclic 1,2,4-hexahydrotriazines. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 244-247.	2.8	15
7	Dearomative [3 + 2] cycloaddition reaction of nitrobenzothiophenes with nonstabilized azomethine ylides. <i>RSC Advances</i> , 2020, 10, 28720-28724.	3.6	13
8	Recent Studies of Bifunctionalization of Simple Indoles. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1580-1594.	2.7	13
9	1,3-Dipolar cycloaddition of isatin <i>N</i> , <i>N</i> -cyclic azomethine imines with $\hat{1}\pm$, $\hat{1}^2$ -unsaturated aldehydes catalyzed by DBU in water. <i>RSC Advances</i> , 2020, 10, 24288-24292.	3.6	12
10	Nucleophilic H-Phosphites, H-Phosphinates, and H-Phosphine Oxides in Organic Reactions. <i>Synthesis</i> , 2021, 53, 3683-3698.	2.3	12
11	[5+2] Cyclization of <i>N</i> , <i>N</i> -Cyclic Azomethine Imines with 1,3,5-Triazines: An Efficient Protocol for the Synthesis of Tetrazepine Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 371-374.	2.7	11
12	Oxidative <i>N</i> -heterocyclic carbene-catalyzed [3 + 3] annulation reaction of enals with benzofuran-3-ones: efficient access to benzofuran-fused $\hat{1}$ -lactones. <i>Organic Chemistry Frontiers</i> , 2020, 7, 1011-1015.	4.5	10
13	Substrate-Controlled Regioselectivity Switch in a Three-Component 1,3-Dipolar Cycloaddition Reaction to Access 3,3-Pyrrolidinyl-Spirooxindoles Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2047-2052.	4.3	10
14	Co-Catalyzed Oxidative Alkylation between Styrenes and Cyclic Ethers via sp^3 -C-H Functionalization. <i>ChemistrySelect</i> , 2020, 5, 2078-2081.	1.5	9
15	Highly Efficient and Diastereoselective Construction of Tricyclic Pyrrolidine-Fused Benzo[b]thiophene 1,1-dioxide Derivatives via 1,3-Dipolar [3+2] Cycloaddition. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 2274-2280.	2.6	8
16	Asymmetric Synthesis of Tetrahydroisoquinoline Derivatives through 1,3-Dipolar Cycloaddition of <i>C</i> , <i>N</i> -Cyclic Azomethine Imines with Allyl Alkyl Ketones. <i>Molecules</i> , 2021, 26, 2969.	3.8	8
17	Substrate-Controlled Regioselectivity Switchable [3 + 2] Annulations To Access Spirooxindole Skeletons. <i>Journal of Organic Chemistry</i> , 2022, 87, 8158-8169.	3.2	8
18	Formal [3+2] cycloaddition of azomethine ylides generated in situ with unactivated cyclic imines: A facile approach to tricyclic imidazolines derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 1456-1463.	2.6	7

#	ARTICLE	IF	CITATIONS
19	Facile synthesis of pyrazoles via [3+2] cycloaddition of diazocarbonyl compounds and enones. <i>Tetrahedron Letters</i> , 2020, 61, 152622.	1.4	7
20	Catalyst-Free Synthesis of 2,3-Benzodiazepines via Tetrahydrodiazirino[3,1-a]isoquinoline Reacts with Sulfonyl Chlorides. <i>ChemistrySelect</i> , 2019, 4, 3340-3343.	1.5	5
21	Facile Synthesis of Sulfonyl Chlorides/Bromides from Sulfonyl Hydrazides. <i>Molecules</i> , 2021, 26, 5551.	3.8	5
22	Unexpected ester and phosphonate radical generation by hypervalent iodine compounds for synthesizing 6-phenanthridine derivatives. <i>New Journal of Chemistry</i> , 2022, 46, 6856-6859.	2.8	5
23	Palladium-catalyzed decarboxylative coupling of α,β -unsaturated carboxylic acids with aryl tosylates. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4914.	3.5	4
24	Synthesis of β -Lactones by TBAI-Promoted Intermolecular Carboesterification of Carboxylic Acids with Alkenes and Alcohols. <i>Journal of Organic Chemistry</i> , 2019, 84, 16068-16075.	3.2	4
25	Facile synthesis of tricyclic isoxazole-fused benzo[b]thiophene 1,1-dioxide derivatives via 1,3-dipolar cycloaddition. <i>Tetrahedron Letters</i> , 2020, 61, 151943.	1.4	4
26	Synthesis of N-alkoxyphthalimide derivatives via PIDA-promoted cross dehydrogenative coupling reaction. <i>RSC Advances</i> , 2021, 11, 8051-8054.	3.6	4
27	NHC-Catalyzed Oxidative Annulation of α,β -unsaturated Aldehydes with Benzyl Ketones: Direct Access to 4,5,6-Trisubstituted Dihydropyranones. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 766-770.	2.7	4
28	A Three-Component Reaction to Construct α -Aminonitroso α,β -Diazocarbonyl Compounds under Metal-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 0, , .	4.3	4
29	1,3-Dipolar cycloaddition reactions of azomethine ylides with seven-membered cyclic N-sulfonyl imines access to polycyclic sulfonamides. <i>Tetrahedron</i> , 2021, 77, 131766.	1.9	3
30	Recent Advances of Three-Component Reactions of Simple Indoles. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	3
31	Tetrabutylammonium Iodide-Promoted Acyloxylation/Peroxidation of Alkenes with Carboxylic Acid and tert-Butyl Hydroperoxide. <i>Synlett</i> , 2019, 30, 1708-1712.	1.8	2
32	Carbene Catalyzed Three-Component Cascade Reaction of Benzofuran-2-ones and Enals: Construction of Spirobenzofuranone α,β -lactones. <i>Asian Journal of Organic Chemistry</i> , 0, , .	2.7	2
33	Facile synthesis of <i>O</i> -acylhydroxamates via reaction of oxime chlorides with carboxylic acids. <i>RSC Advances</i> , 2021, 11, 40193-40196.	3.6	2
34	Facile Synthesis of Tricyclic 1,2,4-Oxadiazolines-Fused Tetrahydro-Isoquinolines from Oxime Chlorides with 3,4-Dihydroisoquinoline Imines. <i>Molecules</i> , 2022, 27, 3064.	3.8	2
35	A copper iodide-catalyzed coupling reaction of benzofuran-3(2H)-ones with amines: an approach to α -ketoamides. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5294-5297.	2.8	1
36	Synthesis of spiro[4.4]thiadiazole derivatives via double 1,3-dipolar cycloaddition of hydrazonyl chlorides with carbon disulfide. <i>RSC Advances</i> , 2021, 11, 18404-18407.	3.6	1

#	ARTICLE	IF	CITATIONS
37	Highly efficient and diastereoselective construction of substituted pyrrolidines bearing a quaternary carbon center via 1,3-dipolar cycloaddition. Journal of Heterocyclic Chemistry, 0, , .	2.6	1