

Peng Dai

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

392
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

422
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible-Light- and Oxygen-Promoted Direct Csp ² -H Radical Difluoromethylation of Coumarins and Antifungal Activities. <i>Organic Letters</i> , 2018, 20, 6901-6905.	4.6	75
2	Aldehydes as Carbon Radical Acceptors: Silver Nitrate Catalyzed Cascade Decarboxylation and Oxidative Cyclization toward Dihydroflavonoid Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2390-2395.	4.3	68
3	Iodide/ <i>tert</i> -Butyl Hydroperoxide-Mediated Benzylic C-H Sulfonation and Peroxidation of Phenol Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3184-3190.	4.3	43
4	Synthesis of 3-Acyl-isoxazoles and β -isoxazolines from Methyl Ketones, Alkynes or Alkenes, and <i>tert</i> -Butyl Nitrite via a Csp ³ -H Radical Functionalization/Cycloaddition Cascade. <i>Organic Letters</i> , 2019, 21, 5096-5100.	4.6	43
5	<i>Tert</i> -Butyl Nitrite Mediated Expedient Methylsulfoxidation of Tetrazole Amines with DMSO: Metal-free Synthesis of Antifungal Active Methylsulfinyl tetrazole Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 468-473.	4.3	34
6	Visible Light-Driven β -Alkylation of <i>N</i> -Aryl tetrahydroisoquinolines Initiated by Electron Donor-Acceptor Complexes. <i>Organic Letters</i> , 2020, 22, 7290-7294.	4.6	32
7	Electron Donor-Acceptor Complex-Initiated Photochemical Cyanation for the Preparation of β -Amino Nitriles. <i>Organic Letters</i> , 2020, 22, 9638-9643.	4.6	26
8	Metal-free, Visible-Light-Mediated Direct Csp ² -H Radical Mono- and Bis-trifluoromethylation of Coumarins and Bioactivity Evaluation. <i>ChemCatChem</i> , 2018, 10, 5115-5118.	3.7	18
9	Direct Difluoromethylation of Heterocycles through Photosensitized Electron Transfer. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	16
10	Metal-free, Visible-Light-Induced Radical Trifluoromethylation/Cyclization of <i>N</i> -benzamides with CF ₃ SO ₂ Na to Synthesize CF ₃ -Containing Isoquinoline-1,3-diones. <i>ChemistrySelect</i> , 2019, 4, 10329-10333.	1.5	15
11	Transition-Metal-Free Csp ² -H Regioselective Thiocyanation of Free Anilines. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 1585-1588.	2.7	8
12	(Fluoromethylsulfonyl)methylation of Quinoxalinones Using NaSO ₂ CH ₂ F for C-F Bond Cleavage. <i>Organic Letters</i> , 2022, 24, 1357-1361.	4.6	7
13	Direct Csp ² -H difluoromethylation of heterocycle by K ₂ S ₂ O ₈ . <i>Tetrahedron</i> , 2021, 100, 132466.	1.9	4
14	Selective Radical N-H Activation: the Unprecedented Harnessing of Formamide with S ₈ for N-S-N Bonds Construction. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 771-775.	2.7	3