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List of Publications by Year in descending order

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68
papers

2,278
citations

186254

28
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243610

44
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87
all docs

87
docs citations

87
times ranked

1790
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Asymmetric Diastereodivergent Deracemization. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12631-12635.	13.8	152
2	Dual Catalysis Becomes Diastereodivergent. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13149-13152.	13.8	144
3	Ultrafast Click Chemistry with Fluorosydnone. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12073-12077.	13.8	93
4	Bioorthogonal Click and Release Reaction of Iminosydnone with Cycloalkynes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15612-15616.	13.8	91
5	Sydnone-alkyne cycloaddition: applications in synthesis and bioconjugation. <i>Chemical Communications</i> , 2017, 53, 11515-11527.	4.1	76
6	Diastereodivergent Deacetylation in Catalytic Asymmetric Allylic Alkylation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7314-7317.	13.8	68
7	A General Copper Powder-Catalyzed Ullmann-Type Reaction of 3-Halo-4(1H)-quinolones With Various Nitrogen-Containing Nucleophiles. <i>Journal of Organic Chemistry</i> , 2011, 76, 4995-5005.	3.2	66
8	A convenient and expeditious synthesis of 3-(N-substituted) aminocoumarins via palladium-catalyzed Buchwald-Hartwig coupling reaction. <i>Tetrahedron Letters</i> , 2007, 48, 6928-6932.	1.4	63
9	Rapid access to 3-(N-substituted)-aminoquinolin-2(1H)-ones using palladium-catalyzed C-N bond coupling reaction. <i>Tetrahedron</i> , 2007, 63, 10202-10210.	1.9	55
10	Catalytic Decarboxylation/Carboxylation Platform for Accessing Isotopically Labeled Carboxylic Acids. <i>ACS Catalysis</i> , 2019, 9, 5897-5901.	11.2	51
11	Stereoselective Synthesis of Dienyl-Carboxylate Building Blocks: Formal Synthesis of Inthomycin C. <i>Organic Letters</i> , 2013, 15, 3242-3245.	4.6	49
12	Click and Bio-Orthogonal Reactions with Mesoionic Compounds. <i>Chemical Reviews</i> , 2021, 121, 6718-6743.	47.7	47
13	Copper(I)-Catalyzed Cycloaddition of 4-Bromosydnone and Alkynes for the Regioselective Synthesis of 1,4,5-Trisubstituted Pyrazoles. <i>Organic Letters</i> , 2015, 17, 362-365.	4.6	46
14	Late-Stage Isotopic Carbon Labeling of Pharmaceutically Relevant Cyclic Ureas Directly from CO ₂ . <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9744-9748.	13.8	45
15	Controlled Release of a Micelle Payload via Sequential Enzymatic and Bioorthogonal Reactions in Living Systems. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6366-6370.	13.8	45
16	Dynamic Carbon Isotope Exchange of Pharmaceuticals with Labeled CO ₂ . <i>Journal of the American Chemical Society</i> , 2019, 141, 780-784.	13.7	44
17	Transition-Metal-Free Carbon Isotope Exchange of Phenyl Acetic Acids. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13490-13495.	13.8	44
18	Sydnone-Based Approach to Heterohelicenes through 1,3-Dipolar-Cycloadditions. <i>Journal of the American Chemical Society</i> , 2019, 141, 1435-1440.	13.7	43

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19	Discovery and Biological Activity of 6BrCaQ as an Inhibitor of the Hsp90 Protein Folding Machinery. <i>ChemMedChem</i> , 2011, 6, 804-815.	3.2	40
20	A Simple Synthesis of Functionalized 3- <i>o</i> -Bromocoumarins by a One-Pot Three-Component Reaction. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1046-1051.	2.4	38
21	Sydnone-coumarins as clickable turn-on fluorescent sensors for molecular imaging. <i>Chemical Communications</i> , 2018, 54, 10758-10761.	4.1	38
22	Palladium-Catalyzed Coupling of 3-Halo-Substituted Coumarins, Chromenes, and Quinolones with Various Nitrogen-Containing Nucleophiles. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5077-5088.	2.4	33
23	Design and Synthesis of Iminosydnones for Fast Click and Release Reactions with Cycloalkynes. <i>Chemistry - A European Journal</i> , 2018, 24, 8535-8541.	3.3	33
24	Bioorthogonal Click and Release Reaction of Iminosydnones with Cycloalkynes. <i>Angewandte Chemie</i> , 2017, 129, 15818-15822.	2.0	32
25	Photochemical Strategy for Carbon Isotope Exchange with CO ₂ . <i>ACS Catalysis</i> , 2021, 11, 2968-2976.	11.2	32
26	Regio- and Enantioselective Cyclobutene Allylations. <i>Organic Letters</i> , 2013, 15, 2318-2321.	4.6	31
27	Palladium-Catalyzed Allylic Substitution at Four-Membered Ring Systems: Formation of η^1 -Allyl Complexes and Electrocyclic Ring Opening. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6313-6316.	13.8	30
28	Synthesis and antikinoplastid activities of 3-substituted quinolinones derivatives. <i>European Journal of Medicinal Chemistry</i> , 2012, 52, 44-50.	5.5	29
29	Heterohelicenes through 1,3-Dipolar Cycloaddition of Sydnones with Arynes: Synthesis, Origins of Selectivity, and Application to pH-Triggered Chiroptical Switch with CPL Sign Reversal. <i>Jacs Au</i> , 2021, 1, 807-818.	7.9	29
30	Sydnone-based turn-on fluorogenic probes for no-wash protein labeling and in-cell imaging. <i>Chemical Communications</i> , 2019, 55, 4582-4585.	4.1	27
31	Synthesis and antiproliferative activity of novobiocin analogues as potential hsp90 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 83, 498-507.	5.5	26
32	Visible-Light-Enabled Aminocarbonylation of Unactivated Alkyl Iodides with Stoichiometric Carbon Monoxide for Application on Late-Stage Carbon Isotope Labeling. <i>Journal of Organic Chemistry</i> , 2019, 84, 16076-16085.	3.2	26
33	An Atom-Economical and Stereoselective Domino Synthesis of Functionalised Dienes. <i>Chemistry - A European Journal</i> , 2013, 19, 6566-6570.	3.3	24
34	Diastereodivergent Processes in Palladium-Catalyzed Allylic Alkylation. <i>ChemCatChem</i> , 2013, 5, 1239-1247.	3.7	23
35	New fluorine-18 pretargeting PET imaging by bioorthogonal chlorosydnone-cycloalkyne click reaction. <i>Chemical Communications</i> , 2019, 55, 10400-10403.	4.1	22
36	Bioorthogonal Reactions in Animals. <i>ChemBioChem</i> , 2021, 22, 100-113.	2.6	22

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37	Assessing the chemical diversity of an hsp90 database. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 2000-2009.	5.5	21
38	Late-Stage Carbon-14 Labeling and Isotope Exchange: Emerging Opportunities and Future Challenges. <i>Jacs Au</i> , 2022, 2, 1234-1251.	7.9	21
39	Ultrafast Click Chemistry with Fluorosydnone. <i>Angewandte Chemie</i> , 2016, 128, 12252-12256.	2.0	20
40	Recent developments in heterocycle labeling with carbon isotopes. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 988-1007.	1.0	19
41	Carbon isotope labeling of carbamates by late-stage [¹¹ C], [¹³ C] and [¹⁴ C]carbon dioxide incorporation. <i>Chemical Communications</i> , 2020, 56, 11677-11680.	4.1	19
42	Strain-Promoted 1,3-Dithiolium-Catalyzed Alkyne Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14544-14548.	13.8	18
43	Fluorogenic iminosydnone: bioorthogonal tools for double turn-on click-and-release reactions. <i>Chemical Communications</i> , 2020, 56, 7183-7186.	4.1	18
44	Copper-Catalyzed Aza-Iminosydnone-Alkyne Cycloaddition Reaction Discovered by Screening. <i>ACS Catalysis</i> , 2018, 8, 11882-11888.	11.2	17
45	A general procedure for carbon isotope labeling of linear urea derivatives with carbon dioxide. <i>Chemical Communications</i> , 2021, 57, 6680-6683.	4.1	17
46	Visible-Light-Driven Reduction of CO ₂ to CO and Its Subsequent Valorization in Carbonylation Chemistry and ¹³ C Isotope Labeling. <i>ChemPhotoChem</i> , 2018, 2, 715-719.	3.0	16
47	Therapeutic Potential of New 4-hydroxy-tamoxifen-Loaded pH-gradient Liposomes in a Multiple Myeloma Experimental Model. <i>Pharmaceutical Research</i> , 2010, 27, 327-339.	3.5	15
48	Direct Carbon Isotope Exchange of Pharmaceuticals via Reversible Decyanation. <i>Journal of the American Chemical Society</i> , 2021, 143, 5659-5665.	13.7	15
49	Scalable and practical synthesis of clickable Cu-chelating azides. <i>Chemical Communications</i> , 2017, 53, 7890-7893.	4.1	12
50	Palladium-catalyzed decarboxylative cyanation of aromatic carboxylic acids using [¹³ C] and [¹⁴ C]KCN. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2015, 58, 425-428.	1.0	11
51	Late-Stage Isotopic Carbon Labeling of Pharmaceutically Relevant Cyclic Ureas Directly from CO ₂ . <i>Angewandte Chemie</i> , 2018, 130, 9892-9896.	2.0	11
52	Controlled Release of a Micelle Payload via Sequential Enzymatic and Bioorthogonal Reactions in Living Systems. <i>Angewandte Chemie</i> , 2019, 131, 6432-6436.	2.0	11
53	Access to <i>N</i> -Carbonyl Derivatives of Iminosydnone by Carbonylimidazolium Activation. <i>Organic Letters</i> , 2020, 22, 2403-2408.	4.6	11
54	Direct Domino Synthesis of Azido-Dienoic Acids: Potential Linker Units. <i>Synlett</i> , 2013, 24, 1286-1290.	1.8	10

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55	Strain-Promoted 1,3-Dithiolium-Catalyzed Alkyne Cycloaddition. <i>Angewandte Chemie</i> , 2019, 131, 14686-14690.	14.690	10
56	A Straightforward Access to [14C]- and [13C]-Labeled 2-Aminobenzoxazoles and Benzothiazoles via a KCN Polarity Inversion Strategy. <i>Synlett</i> , 2016, 27, 1798-1802.	1.8	9
57	A Practical Synthesis of Valuable Strained Eight-Membered Ring Derivatives for Click Chemistry. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2000-2008.	2.4	9
58	Dynamic behaviour of monohaptoallylpalladium species: internal coordination as a driving force in allylic alkylation chemistry. <i>Chemical Science</i> , 2015, 6, 5734-5739.	7.4	8
59	Accelerated Discovery in Photocatalysis by a Combined Screening Approach Involving MS Tags. <i>Organic Letters</i> , 2019, 21, 9747-9752.	4.6	7
60	Fluorogenic probes based on polycyclic sydnone scaffolds. <i>Tetrahedron</i> , 2020, 76, 131250.	1.9	7
61	Investigation on the Stoichiometry of Carbon Dioxide in Isotope-Exchange Reactions with Phenylacetic Acids. <i>Synlett</i> , 0, , .	1.8	6
62	Monitoring In Vivo Performances of Protein-Drug Conjugates Using Site-Selective Dual Radiolabeling and Ex Vivo Digital Imaging. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 6953-6968.	6.4	6
63	Palladium-Catalysed Synthesis of Stereodefined Cyclobutenes. <i>Synlett</i> , 2011, 2011, 735-740.	1.8	5
64	Selective chlorination of iminosynones for fast release of amide, sulfonamide and urea-containing drugs. <i>Chemical Communications</i> , 2022, 58, 8500-8503.	4.1	5
65	Direct Synthesis of Stereodefined and Functionalized Dienes as Valuable Building Blocks. <i>Chimia</i> , 2014, 68, 248.	0.6	4
66	Transition-Metal-Free Carbon Isotope Exchange of Phenyl Acetic Acids. <i>Angewandte Chemie</i> , 2020, 132, 13592-13597.	2.0	3
67	Parallel Screening with ¹⁴ C-Labeled Carbon Dioxide: De-risking the Staudinger-Aza-Wittig Reaction**. <i>European Journal of Organic Chemistry</i> , 0, , .	2.4	2
68	A Sydnone-Based Route to Indazolo[2,3-a]quinoxaline Derivatives. <i>Synlett</i> , 2022, 33, 791-794.	1.8	1