

Kenneth Dahl

List of Publications by Year in descending order

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31
papers

664
citations

687363

13
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25
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docs citations

31
times ranked

850
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging PET Radiotracers and Targets for Imaging of Neuroinflammation in Neurodegenerative Diseases: Outlook Beyond TSPO. <i>Molecular Imaging</i> , 2018, 17, 153601211879231.	1.4	158
2	Palladium-Mediated [¹¹ C]Carbonylation at Atmospheric Pressure: A General Method Using Xantphos as Supporting Ligand. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1228-1231.	2.4	79
3	New methodologies for the preparation of carbon-11 labeled radiopharmaceuticals. <i>Clinical and Translational Imaging</i> , 2017, 5, 275-289.	2.1	77
4	Liver-Targeted Small-Molecule Inhibitors of Proprotein Convertase Subtilisin/Kexin Type 9 Synthesis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16218-16222.	13.8	35
5	Design, Synthesis, and Evaluation of Reversible and Irreversible Monoacylglycerol Lipase Positron Emission Tomography (PET) Tracers Using a "Tail Switching" Strategy on a Piperazinyl Azetidone Skeleton. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3336-3353.	6.4	28
6	An evaluation of a high-pressure ¹¹ CO carbonylation apparatus. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2015, 58, 220-225.	1.0	27
7	["sup>11C]CO ₂ fixation: Prototype and proof of concept. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 252-262.	1.0	23
8	Improved Yields for the Palladium-Mediated ¹¹ C-Carbonylation Reaction Using Microwave Technology. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 307-310.	2.4	19
9	¹¹ C-carbonylation reactions using gas-liquid segmented microfluidics. <i>RSC Advances</i> , 2015, 5, 88886-88889.	3.6	19
10	Synthesis of ([¹¹ C]carbonyl)raclopride and a comparison with ([¹¹ C]methyl)raclopride in a monkey PET study. <i>Nuclear Medicine and Biology</i> , 2015, 42, 893-898.	0.6	18
11	Synthesis and preclinical evaluation of [¹⁸ F]FSL25.1188, a reversible PET radioligand for monoamine oxidase-B. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1624-1627.	2.2	15
12	Radiosynthesis of a Bruton's tyrosine kinase inhibitor, [¹¹ C]Tolbrutinib, via palladium-NiXantphos-mediated carbonylation. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2020, 63, 482-487.	1.0	15
13	Preclinical Evaluation of TSPO and MAO-B PET Radiotracers in an LPS Model of Neuroinflammation. <i>PET Clinics</i> , 2021, 16, 233-247.	3.0	15
14	Radiofluorination and reductive amination using a microfluidic device. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2012, 55, 455-459.	1.0	14
15	Copper(I)-Mediated ¹¹ C-Carboxylation of (Hetero)arylstannanes. <i>ACS Omega</i> , 2020, 5, 8242-8250.	3.5	14
16	Metal Protein-Attenuating Compound for PET Neuroimaging: Synthesis and Preclinical Evaluation of [¹¹ C]PBT2. <i>Molecular Pharmaceutics</i> , 2018, 15, 695-702.	4.6	11
17	["sup>11C]carbonylation: A simplified method for carbon-11 labelling of drugs and radioligands. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2020, 63, 100-107.	1.0	11
18	Direct and Efficient (Carbonyl)cobalt-Mediated Aryl Acetylation Using [¹¹ C]Methyl Iodide. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2775-2777.	2.4	10

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19	¹¹ C Carbonylation through in Situ Generated ¹¹ C Benzoyl Chlorides with Tetrabutylammonium Chloride as Chloride Source. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2648-2651.	2.4	10
20	Reduction of [¹¹ C]CO ₂ to [¹¹ C]CO using solid supported zinc. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2017, 60, 624-628.	1.0	10
21	Development of [¹¹ C]AZ13198083, a Novel Histamine Type-3 Receptor Radioligand with Favorable Kinetics. <i>ACS Chemical Neuroscience</i> , 2018, 9, 906-911.	3.5	9
22	¹⁸ F Fluorination: A proof of concept study. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2019, 62, 292-297.	1.0	7
23	Fully automated production of the fibroblast activation protein radiotracer [¹⁸ F]FAPI-74. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2021, 64, 346-352.	1.0	7
24	¹¹ C Acetylation of Amines with [¹¹ C]Methyl Iodide with Bis(cyclopentadienyldicarbonyliron) as the CO Source. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5785-5788.	2.4	6
25	Recent applications of a single quadrupole mass spectrometer in ¹¹ C, ¹⁸ F and radiometal chemistry. <i>Journal of Fluorine Chemistry</i> , 2018, 210, 46-55.	1.7	6
26	Development of a fully automated low pressure [¹¹ C]CO carbonylation apparatus. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2020, 63, 517-522.	1.0	6
27	Reaction of ¹¹ C benzoyl chlorides with metalloids reagents: ¹¹ C labeling of benzyl alcohols, benzaldehydes, and phenyl ketones from [¹¹ C]CO. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 447-454.	1.0	5
28	Synthesis, in vitro and in vivo evaluation of ¹¹ C-O-methylated arylpiperazines as potential serotonin 1A (5-HT1A) receptor antagonist radiotracers. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2020, 5, 13.	3.9	5
29	One-Pot Synthesis of ¹¹ C Labelled Primary Benzamides via Intermediate [¹¹ C]Aroyl Dimethylaminopyridinium Salts. <i>Chemistry - A European Journal</i> , 2021, 27, 8689-8693.	3.3	4
30	Liver-Targeted Small Molecule Inhibitors of Proprotein Convertase Subtilisin/Kexin Type 9 Synthesis. <i>Angewandte Chemie</i> , 2017, 129, 16436-16440.	2.0	1
31	Synthesis and Preclinical Evaluation of [¹¹ C]AZ11895530 for PET Imaging of the Serotonin 1A Receptor. <i>ACS Chemical Neuroscience</i> , 2022, 13, 2078-2083.	3.5	0