Kenneth Dahl

List of Publications by Year
in descending order

31	664	687363 13	580821 25
papers	citations	h-index	g-index

31	31	31	850
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and Preclinical Evaluation of [¹¹C]AZ11895530 for PET Imaging of the Serotonin 1A Receptor. ACS Chemical Neuroscience, 2022, 13, 2078-2083.	3.5	0
2	Preclinical Evaluation of TSPO and MAO-B PET Radiotracers in an LPS Model of Neuroinflammation. PET Clinics, 2021, 16, 233-247.	3.0	15
3	Fully automated production of the fibroblast activation protein radiotracer [¹⁸F]FAPIâ€74. Journal of Labelled Compounds and Radiopharmaceuticals, 2021, 64, 346-352.	1.0	7
4	Oneâ€Pot Synthesis of 11 Câ€Labelled Primary Benzamides via Intermediate [11 C]Aroyl Dimethylaminopyridinium Salts. Chemistry - A European Journal, 2021, 27, 8689-8693.	3.3	4
5	â€œInâ€loopâ€carbonylationâ€”A simplified method for carbonâ€11 labelling of drugs and radioligands. Journal of Labelled Compounds and Radiopharmaceuticals, 2020, 63, 100-107.	1.0	11
6	Radiosynthesis of a Bruton's tyrosine kinase inhibitor, [¹¹C]Tolebrutinib, via palladiumâ€NiXantphosâ€mediated carbonylation. Journal of Labelled Compounds and Radiopharmaceuticals, 2020, 63, 482-487.	1.0	15
7	Development of a fully automated lowâ€pressure [¹¹C]CO carbonylation apparatus. Journal of Labelled Compounds and Radiopharmaceuticals, 2020, 63, 517-522.	1.0	6
8	Copper(I)-Mediated 11C-Carboxylation of (Hetero)arylstannanes. ACS Omega, 2020, 5, 8242-8250.	3.5	14
9	Synthesis, in vitro and in vivo evaluation of 11C-O-methylated arylpiperazines as potential serotonin 1A (5-HT1A) receptor antagonist radiotracers. EJNMMI Radiopharmacy and Chemistry, 2020, 5, 13.	3.9	5
10	â€œInâ€loopâ€•¹⁸Fâ€fluorination: A proofâ€ofâ€concept study. Journal of Labelled Compounds and Radiopharmaceuticals, 2019, 62, 292-297.	1.0	7
11	Synthesis and preclinical evaluation of [18F]FSL25.1188, a reversible PET radioligand for monoamine oxidase-B. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1624-1627.	2.2	15
12	Design, Synthesis, and Evaluation of Reversible and Irreversible Monoacylglycerol Lipase Positron Emission Tomography (PET) Tracers Using a â€œTail Switchingâ€•Strategy on a Piperazinyl Azetidine Skeleton. Journal of Medicinal Chemistry, 2019, 62, 3336-3353.	6.4	28
13	Recent applications of a single quadrupole mass spectrometer in 11C, 18F and radiometal chemistry. Journal of Fluorine Chemistry, 2018, 210, 46-55.	1.7	6
14	Reaction of ¹¹Câ€benzoyl chlorides with metalloid reagents: ¹¹Câ€labeling of benzyl alcohols, benzaldehydes, and phenyl ketones from [¹¹C]CO. Journal of Labelled Compounds and Radiopharmaceuticals, 2018, 61, 447-454.	1.0	5
15	Development of [Carbonyl-¹¹C]AZ13198083, a Novel Histamine Type-3 Receptor Radioligand with Favorable Kinetics. ACS Chemical Neuroscience, 2018, 9, 906-911.	3.5	9
16	Metal Protein-Attenuating Compound for PET Neuroimaging: Synthesis and Preclinical Evaluation of [¹¹C]PBT2. Molecular Pharmaceutics, 2018, 15, 695-702.	4.6	11
17	â€œInâ€loopâ€•[¹¹C]CO₂ fixation: Prototype and proof of concept. Journal of Labelled Compounds and Radiopharmaceuticals, 2018, 61, 252-262.	1.0	23
18	Emerging PET Radiotracers and Targets for Imaging of Neuroinflammation in Neurodegenerative Diseases: Outlook Beyond TSPO. Molecular Imaging, 2018, 17, 153601211879231.	1.4	158

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19	¹¹Câ€Carbonylation through in Situ Generated ¹¹Câ€Benzoyl Chlorides with Tetrabutylammonium Chloride as Chloride Source. European Journal of Organic Chemistry, 2017, 2017, 2648-2651.	2.4	10
20	New methodologies for the preparation of carbon-11 labeled radiopharmaceuticals. Clinical and Translational Imaging, 2017, 5, 275-289.	2.1	77
21	Liverâ€Targeted Smallâ€Molecule Inhibitors of Proprotein Convertase Subtilisin/Kexin Type 9 Synthesis. Angewandte Chemie - International Edition, 2017, 56, 16218-16222.	13.8	35
22	¹¹Câ€Acetylation of Amines with [¹¹C]Methyl Iodide with Bis(cyclopentadienyldicarbonyliron) as the CO Source. European Journal of Organic Chemistry, 2017, 2017, 5785-5788.	2.4	6
23	Reduction of [¹¹C]CO₂ to [¹¹C]CO using solid supported zinc. Journal of Labelled Compounds and Radiopharmaceuticals, 2017, 60, 624-628.	1.0	10
24	Liverâ€Targeted Smallâ€Molecule Inhibitors of Proprotein Convertase Subtilisin/Kexin Type 9 Synthesis. Angewandte Chemie, 2017, 129, 16436-16440.	2.0	1
25	Direct and Efficient (Carbonyl)cobaltâ€Mediated Aryl Acetylation Using [11C]Methyl Iodide. European Journal of Organic Chemistry, 2016, 2016, 2775-2777.	2.4	10
26	¹¹C-carbonylation reactions using gasâ€“liquid segmented microfluidics. RSC Advances, 2015, 5, 88886-88889.	3.6	19
27	An evaluation of a highâ€pressure ¹¹CO carbonylation apparatus. Journal of Labelled Compounds and Radiopharmaceuticals, 2015, 58, 220-225.	1.0	27
28	Synthesis of ([11C]carbonyl)raclopride and a comparison with ([11C]methyl)raclopride in a monkey PET study. Nuclear Medicine and Biology, 2015, 42, 893-898.	0.6	18
29	Improved Yields for the Palladiumâ€Mediated ¹¹Câ€Carbonylation Reaction Using Microwave Technology. European Journal of Organic Chemistry, 2014, 2014, 307-310.	2.4	19
30	Palladiumâ€Mediated [¹¹C]Carbonylation at Atmospheric Pressure: A General Method Using Xantphos as Supporting Ligand. European Journal of Organic Chemistry, 2013, 2013, 1228-1231.	2.4	79
31	Radiofluorination and reductive amination using a microfluidic device. Journal of Labelled Compounds and Radiopharmaceuticals, 2012, 55, 455-459.	1.0	14