

Justin J Bailey

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

424
citations

13
h-index

20
g-index

27
ext. papers

516
ext. citations

5.8
avg, IF

3.48
L-index

#	Paper	IF	Citations
25	Synthesis and Preclinical Evaluation of [F]SiFA-PSMA Inhibitors in a Prostate Cancer Model. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 15671-15689	8.3	
24	Genetically encoded multivalent liquid glycan array displayed on M13 bacteriophage. <i>Nature Chemical Biology</i> , 2021 , 17, 806-816	11.7	11
23	On the Viability of Tadalafil-Based F-Radiotracers for Phosphodiesterase 5 (PDE5) PET Imaging. <i>ACS Omega</i> , 2021 , 6, 21741-21754	3.9	0
22	Tropomyosin receptor kinase inhibitors: an updated patent review for 2016-2019. <i>Expert Opinion on Therapeutic Patents</i> , 2020 , 30, 325-339	6.8	9
21	Efficient radiosynthesis and preclinical evaluation of [F]FOMPyD as a positron emission tomography tracer candidate for TrkB/C receptor imaging. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2020 , 63, 144-150	1.9	1
20	Radiosynthesis of [F]SiFAlin-TATE for clinical neuroendocrine tumor positron emission tomography. <i>Nature Protocols</i> , 2020 , 15, 3827-3843	18.8	5
19	First-in-Human Brain Imaging of [F]TRACK, a PET tracer for Tropomyosin Receptor Kinases. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 2697-2702	5.7	9
18	Radioligands for Tropomyosin Receptor Kinase (Trk) Positron Emission Tomography Imaging. <i>Pharmaceuticals</i> , 2019 , 12,	5.2	6
17	Silicon-based 18F-radiopharmaceuticals 2019 , 551-574		0
16	F-Radiolabeling and In Vivo Analysis of SiFA-Derivatized Polymeric Core-Shell Nanoparticles. <i>Bioconjugate Chemistry</i> , 2018 , 29, 89-95	6.3	17
15	Recent Advances in F Radiochemistry: A Focus on B-F, Si-F, Al-F, and C-F Radiofluorination via Spirocyclic Iodonium Ylides. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 568-572	8.9	35
14	Identification of [F]TRACK, a Fluorine-18-Labeled Tropomyosin Receptor Kinase (Trk) Inhibitor for PET Imaging. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 1737-1743	8.3	25
13	Automated synthesis of PET radiotracers by copper-mediated F-fluorination of organoborons: Importance of the order of addition and competing protodeborylation. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018 , 61, 228-236	1.9	26
12	Analytical Representations for Characterizing the Global Aviation Radiation Environment Based on Model and Measurement Databases. <i>Space Weather</i> , 2018 , 16, 1523-1538	3.7	8
11	Tropomyosin receptor kinase inhibitors: an updated patent review for 2010-2016 - Part I. <i>Expert Opinion on Therapeutic Patents</i> , 2017 , 27, 733-751	6.8	27
10	Tropomyosin receptor kinase inhibitors: an updated patent review for 2010-2016 - Part II. <i>Expert Opinion on Therapeutic Patents</i> , 2017 , 27, 831-849	6.8	34
9	Small Prosthetic Groups in F-Radiochemistry: Useful Auxiliaries for the Design of F-PET Tracers. <i>Seminars in Nuclear Medicine</i> , 2017 , 47, 474-492	5.4	25

8	Targeting Prostate-Specific Membrane Antigen (PSMA) with F-18-Labeled Compounds: the Influence of Prosthetic Groups on Tumor Uptake and Clearance Profile. <i>Molecular Imaging and Biology</i> , 2017 , 19, 923-932	3.8	15
7	A Kinome-Wide Selective Radiolabeled TrkB/C Inhibitor for in Vitro and in Vivo Neuroimaging: Synthesis, Preclinical Evaluation, and First-in-Human. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 6897-6910	8.3	14
6	From Unorthodox to Established: The Current Status of (18)F-Trifluoroborate- and (18)F-SiFA-Based Radiopharmaceuticals in PET Nuclear Imaging. <i>Bioconjugate Chemistry</i> , 2016 , 27, 267-79	6.3	55
5	Recent Advances in the Development and Application of Radiolabeled Kinase Inhibitors for PET Imaging. <i>Molecules</i> , 2015 , 20, 22000-27	4.8	18
4	Development of subnanomolar radiofluorinated (2-pyrrolidin-1-yl)imidazo[1,2-b]pyridazine pan-Trk inhibitors as candidate PET imaging probes. <i>MedChemComm</i> , 2015 , 6, 2184-2193	5	16
3	Synthesis of high-mannose 1-thio glycans and their conjugation to protein. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 2193-213	3.9	10
2	Fluorine bonding enhances the energetics of protein-lipid binding in the gas phase. <i>Journal of the American Society for Mass Spectrometry</i> , 2014 , 25, 751-7	3.5	
1	Self-adjuvanting glycopeptide conjugate vaccine against disseminated candidiasis. <i>PLoS ONE</i> , 2012 , 7, e35106	3.7	55