

Justin J Bailey

List of Publications by Year in descending order

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27
papers

631
citations

471061

17
h-index

580395

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27
all docs

27
docs citations

27
times ranked

841
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 267-279.	1.8	66
2	Self-Adjuvanting Glycopeptide Conjugate Vaccine against Disseminated Candidiasis. <i>PLoS ONE</i> , 2012, 7, e35106.	1.1	66
3	Recent Advances in ¹⁸ F Radiochemistry: A Focus on B- ¹⁸ F, Si- ¹⁸ F, Al- ¹⁸ F, and C- ¹⁸ F Radiofluorination via Spirocyclic Iodonium Ylides. <i>Journal of Nuclear Medicine</i> , 2018, 59, 568-572.	2.8	50
4	Tropomyosin receptor kinase inhibitors: an updated patent review for 2010-2016 – <i>Part II</i> . <i>Expert Opinion on Therapeutic Patents</i> , 2017, 27, 831-849.	2.4	41
5	Small Prosthetic Groups in ¹⁸ F-Radiochemistry: Useful Auxiliaries for the Design of ¹⁸ F-PET Tracers. <i>Seminars in Nuclear Medicine</i> , 2017, 47, 474-492.	2.5	38
6	Tropomyosin receptor kinase inhibitors: an updated patent review for 2010-2016 – <i>Part I</i> . <i>Expert Opinion on Therapeutic Patents</i> , 2017, 27, 733-751.	2.4	36
7	Identification of [¹⁸ F]TRACK, a Fluorine-18-Labeled Tropomyosin Receptor Kinase (Trk) Inhibitor for PET Imaging. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1737-1743.	2.9	36
8	Automated synthesis of PET radiotracers by copper-mediated ¹⁸ 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.	0.5	36
9	Genetically encoded multivalent liquid glycan array displayed on M13 bacteriophage. <i>Nature Chemical Biology</i> , 2021, 17, 806-816.	3.9	33
10	Recent Advances in the Development and Application of Radiolabeled Kinase Inhibitors for PET Imaging. <i>Molecules</i> , 2015, 20, 22000-22027.	1.7	25
11	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.	1.3	24
12	Tropomyosin receptor kinase inhibitors: an updated patent review for 2016–2019. <i>Expert Opinion on Therapeutic Patents</i> , 2020, 30, 325-339.	2.4	21
13	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.	2.9	20
14	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.	3.5	19
15	First-in-Human Brain Imaging of [¹⁸ F]TRACK, a PET tracer for Tropomyosin Receptor Kinases. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2697-2702.	1.7	19
16	¹⁸ F-Radiolabeling and <i>In Vivo</i> Analysis of SiFA-Derivatized Polymeric Core–Shell Nanoparticles. <i>Bioconjugate Chemistry</i> , 2018, 29, 89-95.	1.8	18
17	Radiosynthesis of [¹⁸ F]SiFAlin-TATE for clinical neuroendocrine tumor positron emission tomography. <i>Nature Protocols</i> , 2020, 15, 3827-3843.	5.5	17
18	Analytical Representations for Characterizing the Global Aviation Radiation Environment Based on Model and Measurement Databases. <i>Space Weather</i> , 2018, 16, 1523-1538.	1.3	13

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19	Recent Advances in the Clinical Translation of Silicon Fluoride Acceptor (SiFA) ¹⁸ F-Radiopharmaceuticals. <i>Pharmaceuticals</i> , 2021, 14, 701.	1.7	13
20	Synthesis of high-mannose 1-thio glycans and their conjugation to protein. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2193-2213.	1.5	11
21	Radioligands for Tropomyosin Receptor Kinase (Trk) Positron Emission Tomography Imaging. <i>Pharmaceuticals</i> , 2019, 12, 7.	1.7	9
22	Efficient radiosynthesis and preclinical evaluation of [¹⁸ 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.	0.5	8
23	Synthesis and Preclinical Evaluation of [¹⁸ F]SiFA-PSMA Inhibitors in a Prostate Cancer Model. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15671-15689.	2.9	6
24	Silicon-based ¹⁸ F-radiopharmaceuticals. , 2019, , 551-574.		2
25	¹⁸ F-Labeling of Radiotracers Functionalized with a Silicon Fluoride Acceptor (SiFA) for Positron Emission Tomography. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	2
26	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, 751-757.	1.2	1
27	On the Viability of Tadalafil-Based ¹⁸ F-Radiotracers for In Vivo Phosphodiesterase 5 (PDE5) PET Imaging. <i>ACS Omega</i> , 2021, 6, 21741-21754.	1.6	1