

Thomas C Wilson

List of Publications by Year in descending order

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17
papers

606
citations

758635

12
h-index

887659

17
g-index

17
all docs

17
docs citations

17
times ranked

955
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced copper-mediated ¹⁸ F-fluorination of aryl boronic esters provides eight radiotracers for PET applications. <i>Chemical Communications</i> , 2016, 52, 8361-8364.	2.2	132
2	Imaging of translocator protein upregulation is selective for pro-inflammatory polarized astrocytes and microglia. <i>Glia</i> , 2020, 68, 280-297.	2.5	85
3	¹⁸ F-Trifluoromethylation of Unmodified Peptides with 5- ¹⁸ F-(Trifluoromethyl)dibenzothiophenium Trifluoromethanesulfonate. <i>Journal of the American Chemical Society</i> , 2018, 140, 1572-1575.	6.6	76
4	PET Imaging of PARP Expression Using ¹⁸ F-Olaparib. <i>Journal of Nuclear Medicine</i> , 2019, 60, 504-510.	2.8	69
5	¹⁸ F-Trifluoromethanesulfinate Enables Direct ¹⁸ F-Trifluoromethylation of Native Aromatic Residues in Peptides. <i>Journal of the American Chemical Society</i> , 2020, 142, 1180-1185.	6.6	61
6	Boron reagents for divergent radiochemistry. <i>Chemical Society Reviews</i> , 2018, 47, 6990-7005.	18.7	37
7	Manual and automated Cu-mediated radiosynthesis of the PARP inhibitor [¹⁸ F]olaparib. <i>Nature Protocols</i> , 2020, 15, 1525-1541.	5.5	34
8	Synthesis and Reactivity of $\hat{\pm}$ -Cumyl Bromodifluoromethanesulfenate: Application to the Radiosynthesis of [¹⁸ F]ArylsCF ₃ . <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2413-2417.	7.2	20
9	¹⁸ F-meta-fluorobenzylguanidine (18F-mFBG) to monitor changes in norepinephrine transporter expression in response to therapeutic intervention in neuroblastoma models. <i>Scientific Reports</i> , 2020, 10, 20918.	1.6	16
10	PARP-Targeted Auger Therapy in p53 Mutant Colon Cancer Xenograft Mouse Models. <i>Molecular Pharmaceutics</i> , 2021, 18, 3418-3428.	2.3	16
11	Auger: The future of precision medicine. <i>Nuclear Medicine and Biology</i> , 2021, 96-97, 50-53.	0.3	14
12	Radiosynthesis of [¹⁸ F]ArylsCF ₂ H Using Aryl Boronic Acids, <i>i>S</i> -(Chlorofluoromethyl)benzenesulfonothioate and [¹⁸ F]Fluoride. <i>CCS Chemistry</i> , 2021, 3, 1921-1028.	4.6	14
13	Improved radiosynthesis of ¹²³ I-MAPi, an auger theranostic agent. <i>International Journal of Radiation Biology</i> , 2020, , 1-7.	1.0	13
14	Inhibition of Microtubule Dynamics in Cancer Cells by Indole-Modified Latonduine Derivatives and Their Metal Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 1456-1470.	1.9	8
15	A one-pot radiosynthesis of [¹⁸ F]PARPi. <i>Journal of Labelled Compounds and Radiopharmaceutics</i> , 2020, 63, 419-425.	0.5	6
16	Bimodal Imaging of Mouse Peripheral Nerves with Chlorin Tracers. <i>Molecular Pharmaceutics</i> , 2021, 18, 940-951.	2.3	3
17	Synthesis and Reactivity of $\hat{\pm}$ -Cumyl Bromodifluoromethanesulfenate: Application to the Radiosynthesis of [¹⁸ F]ArylsCF ₃ . <i>Angewandte Chemie</i> , 2019, 131, 2435-2439.	1.6	2