

Naomi A Wyatt

List of Publications by Year in descending order

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15
papers

358
citations

1163117

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docs citations

15
times ranked

529
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and pharmacological evaluation of [¹⁸ F]PBR316: a novel PET ligand targeting the translocator protein 18 kDa (TSPO) with low binding sensitivity to human single nucleotide polymorphism rs6971. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1207-1221.	3.9	7
2	A rapid MS/MS method to assess the deuterium kinetic isotope effect and associated improvement in the metabolic stability of deuterated biological and pharmacological molecules as applied to an imaging agent. <i>Analytica Chimica Acta</i> , 2019, 1064, 65-70.	5.4	6
3	Comparative analysis of novel decynium-22 analogs to inhibit transport by the low-affinity, high-capacity monoamine transporters, organic cation transporters 2 and 3, and plasma membrane monoamine transporter. <i>European Journal of Pharmacology</i> , 2019, 842, 351-364.	3.5	30
4	Synthesis, bioconjugation and stability studies of [¹⁸ F]ethenesulfonyl fluoride. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 847-856.	1.0	18
5	Evaluation of the antidepressant therapeutic potential of isocyanine and pseudoisocyanine analogues of the organic cation decynium-22. <i>European Journal of Medicinal Chemistry</i> , 2017, 137, 476-487.	5.5	11
6	Synthesis and in Vivo Evaluation of [¹²³ I]Melanin-Targeted Agents. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6214-6224.	6.4	6
7	[¹⁸ F]Fluorination Optimisation and the Fully Automated Production of [¹⁸ F]MEL050 Using a Microfluidic System. <i>Australian Journal of Chemistry</i> , 2015, 68, 69.	0.9	6
8	Prenatal poly I:C age-dependently alters cannabinoid type 1 receptors in offspring: A longitudinal small animal PET study using [¹⁸ F]MK-9470. <i>Experimental Neurology</i> , 2014, 257, 162-169.	4.1	17
9	Optimization of nucleophilic ¹⁸ F radiofluorinations using a microfluidic reaction approach. <i>Nature Protocols</i> , 2014, 9, 2017-2029.	12.0	23
10	Hardware and software modifications on the Advion NanoTek microfluidic platform to extend flexibility for radiochemical synthesis. <i>Applied Radiation and Isotopes</i> , 2014, 84, 40-47.	1.5	17
11	High levels of intravenous mephedrone (4-methylmethcathinone) self-administration in rats: Neural consequences and comparison with methamphetamine. <i>Journal of Psychopharmacology</i> , 2013, 27, 823-836.	4.0	82
12	Ascertaining the Suitability of Aryl Sulfonyl Fluorides for [¹⁸ F]Radiochemistry Applications: A Systematic Investigation using Microfluidics. <i>Journal of Organic Chemistry</i> , 2013, 78, 11262-11270.	3.2	68
13	Synthesis and Radiosynthesis of a Novel PET Fluorobenzyl Piperazine for Melanoma Tumour Imaging; [¹⁸ F]MEL054. <i>Australian Journal of Chemistry</i> , 2013, 66, 491.	0.9	4
14	Mephedrone in Adolescent Rats: Residual Memory Impairment and Acute but Not Lasting 5-HT Depletion. <i>PLoS ONE</i> , 2012, 7, e45473.	2.5	56
15	Radiosynthesis of a Novel PET Fluoronicotinamide for Melanoma Tumour PET Imaging; [¹⁸ F]MEL050. <i>Australian Journal of Chemistry</i> , 2011, 64, 873.	0.9	7