

# Graham Smith

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,157  
citations

331670

21  
h-index

377865

34  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1486  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and application of a thiol-reactive HBED-type chelator for development of easy-to-produce Ga-radiopharmaceutical kits and imaging probes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1722-1726.	2.8	10
2	Development of [ <sup>18</sup> F]ICMT-11 for Imaging Caspase-3/7 Activity during Therapy-Induced Apoptosis. <i>Cancers</i> , 2020, 12, 2191.	3.7	9
3	Metal-based imaging agents: progress towards interrogating neurodegenerative disease. <i>Chemical Society Reviews</i> , 2020, 49, 2886-2915.	38.1	56
4	Thiol-Reactive PODS-Bearing Bifunctional Chelators for the Development of EGFR-Targeting [ <sup>18</sup> F]AIF-Affibody Conjugates. <i>Molecules</i> , 2020, 25, 1562.	3.8	10
5	Synthesis of a benzoxazinthione derivative of tanaproget and pharmacological evaluation for PET imaging of PR expression. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2019, 4, 1.	3.9	10
6	Radiosynthesis of the anticancer nucleoside analogue Trifluridine using an automated <sup>18</sup> F-trifluoromethylation procedure. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2986-2996.	2.8	6
7	HER3-Mediated Resistance to Hsp90 Inhibition Detected in Breast Cancer Xenografts by Affibody-Based PET Imaging. <i>Clinical Cancer Research</i> , 2018, 24, 1853-1865.	7.0	24
8	A practical microwave method for the synthesis of fluoromethyl 4-methylbenzenesulfonate in tert-amyl alcohol. <i>Tetrahedron Letters</i> , 2018, 59, 1635-1637.	1.4	3
9	A general [ <sup>18</sup> F]AIF radiochemistry procedure on two automated synthesis platforms. <i>Reaction Chemistry and Engineering</i> , 2017, 2, 68-74.	3.7	23
10	An alternative synthesis of Vandetanib (Caprelsa <sup>®</sup> ) via a microwave accelerated Dimroth rearrangement. <i>Tetrahedron Letters</i> , 2017, 58, 1467-1469.	1.4	15
11	Evaluation of DFO-HOPO as an octadentate chelator for zirconium-89. <i>Chemical Communications</i> , 2017, 53, 8529-8532.	4.1	36
12	Identification of ABC Transporter Interaction of a Novel Cyanoquinoline Radiotracer and Implications for Tumour Imaging by Positron Emission Tomography. <i>PLoS ONE</i> , 2016, 11, e0161427.	2.5	2
13	Efficient [ <sup>18</sup> F]AIF Radiolabeling of ZHER3:8698 Affibody Molecule for Imaging of HER3 Positive Tumors. <i>Bioconjugate Chemistry</i> , 2016, 27, 1839-1849.	3.6	62
14	Synthesis and pre-clinical evaluation of a [ <sup>18</sup> F]fluoromethyl-tanaproget derivative for imaging of progesterone receptor expression. <i>RSC Advances</i> , 2016, 6, 57569-57579.	3.6	8
15	PET Imaging of Steroid Hormone Receptor Expression. <i>Molecular Imaging</i> , 2015, 14, 7290.2015.00026.	1.4	13
16	Carbon-11 Radiolabelling of Organosulfur Compounds: <sup>11</sup> C Synthesis of the Progesterone Receptor Agonist Tanaproget. <i>Chemistry - A European Journal</i> , 2015, 21, 9034-9038.	3.3	25
17	Design, synthesis and initial characterisation of a radiolabelled [ <sup>18</sup> F]pyrimidoindolone probe for detecting activated caspase-3/7. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5418-5423.	2.8	8
18	Imaging COX-2 expression in cancer using PET/SPECT radioligands: current status and future directions. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2014, 57, 317-322.	1.0	32

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19	Development of a cyclin-dependent kinase inhibitor devoid of ABC transporter-dependent drug resistance. <i>British Journal of Cancer</i> , 2013, 109, 2356-2367.	6.4	22
20	Temporal and Spatial Evolution of Therapy-Induced Tumor Apoptosis Detected by Caspase-3-Selective Molecular Imaging. <i>Clinical Cancer Research</i> , 2013, 19, 3914-3924.	7.0	48
21	Evaluation of Deuterated 18F- and 11C-Labeled Choline Analogs for Cancer Detection by Positron Emission Tomography. <i>Clinical Cancer Research</i> , 2012, 18, 1063-1072.	7.0	58
22	New Frontiers in the Design and Synthesis of Imaging Probes for PET Oncology: Current Challenges and Future Directions. <i>Molecular Imaging and Biology</i> , 2012, 14, 653-666.	2.6	35
23	Copper-free click-a promising tool for pre-targeted PET imaging. <i>Chemical Communications</i> , 2012, 48, 991-993.	4.1	35
24	Synthesis and evaluation of nucleoside radiotracers for imaging proliferation. <i>Nuclear Medicine and Biology</i> , 2012, 39, 652-665.	0.6	16
25	Imaging apoptosis with positron emission tomography: Bench to bedside™ development of the caspase-3/7 specific radiotracer [18F]ICMT-11. <i>European Journal of Cancer</i> , 2012, 48, 432-440.	2.8	56
26	Automated GMP Synthesis of [18F]ICMT-11 for In Vivo Imaging of Caspase-3 Activity. <i>Nuclear Medicine and Biology</i> , 2012, 39, 1000-1005.	0.6	32
27	Radiosynthesis and pre-clinical evaluation of [18F]fluoro-[1,2-2H4]choline. <i>Nuclear Medicine and Biology</i> , 2011, 38, 39-51.	0.6	37
28	Improved radiosynthesis of the apoptosis marker 18F-ICMT11 including biological evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6945-6949.	2.2	30
29	Development of a new epidermal growth factor receptor positron emission tomography imaging agent based on the 3-cyanoquinoline core: Synthesis and biological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 6634-6645.	3.0	49
30	[18F]Fluoromethyl-[1,2-2H4]-Choline: A Novel Radiotracer for Imaging Choline Metabolism in Tumors by Positron Emission Tomography. <i>Cancer Research</i> , 2009, 69, 7721-7728.	0.9	37
31	Positron emission tomography imaging of drug-induced tumor apoptosis with a caspase-3/7 specific [ <sup>18</sup> F]-labeled isatin sulfonamide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16375-16380.	7.1	157
32	Translational Imaging of Apoptosis. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2009, 9, 958-967.	1.7	17
33	Design, Synthesis, and Biological Characterization of a Caspase 3/7 Selective Isatin Labeled with 2-[ <sup>18</sup> F]fluoroethylazide. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 8057-8067.	6.4	126
34	Noninvasive imaging of cell proliferation following mitogenic extracellular kinase inhibition by PD0325901. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 3112-3121.	4.1	43
35	Outcome of nonmem analysis depends on modeling strategy. <i>Clinical Pharmacology and Therapeutics</i> , 2003, 73, P52-P52.	4.7	0
36	Pharmacokinetics of citalopram after IV infusion. <i>Clinical Pharmacology and Therapeutics</i> , 2003, 73, P71-P71.	4.7	2

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37	Antibody Specificity for HLA-A in Human Myeloma Sera and Immune Rabbit Sera. Tissue Antigens, 1974, 4, 595-600.	1.0	5