Humphrey Fonge

List of Publications by Year
in descending order

45	1,379	304743 22	345221 36
papers	citations	h-index	g-index

46	46	46	2088
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	89Zr-Labeled Domain II-Specific scFv-Fc ImmunoPET Probe for Imaging Epidermal Growth Factor Receptor In Vivo. Cancers, 2021, 13, 560.	3.7	5
2	Pre-clinical study of IRDye800CW-nimotuzumab formulation, stability, pharmacokinetics, and safety. BMC Cancer, 2021, 21, 270.	2.6	9
3	Concussion/Mild Traumatic Brain Injury (TBI) Induces Brain Insulin Resistance: A Positron Emission Tomography (PET) Scanning Study. International Journal of Molecular Sciences, 2021, 22, 9005.	4.1	8
4	Effectiveness and normal tissue toxicity of Auger electron (AE) radioimmunotherapy (RIT) with [111In]In-Bn-DTPA-nimotuzumab in mice with triple-negative or trastuzumab-resistant human breast cancer xenografts that overexpress EGFR. Nuclear Medicine and Biology, 2020, 80-81, 37-44.	0.6	7
5	Nimotuzumab Site-Specifically Labeled with 89Zr and 225Ac Using SpyTag/SpyCatcher for PET Imaging and Alpha Particle Radioimmunotherapy of Epidermal Growth Factor Receptor Positive Cancers. Cancers, 2020, 12, 3449.	3.7	8
6	Development and preclinical evaluation of cixutumumab drug conjugates in a model of insulin growth factor receptor I (IGF-1R) positive cancer. Scientific Reports, 2020, 10, 18549.	3.3	7
7	HERG channel and cancer: A mechanistic review of carcinogenic processes and therapeutic potential. Biochimica Et Biophysica Acta: Reviews on Cancer, 2020, 1873, 188355.	7.4	38
8	Production and Semi-Automated Processing of 89Zr Using a Commercially Available TRASIS MiniAiO Module. Molecules, 2020, 25, 2626.	3.8	9
9	Site-Specific Fluorescent Labeling of Antibodies and Diabodies Using SpyTag/SpyCatcher System for In Vivo Optical Imaging. Molecular Imaging and Biology, 2019, 21, 54-66.	2.6	28
10	¹¹¹In- and ²²⁵Ac-Labeled Cixutumumab for Imaging and Î±-Particle Radiotherapy of IGF-1R Positive Triple-Negative Breast Cancer. Molecular Pharmaceutics, 2019, 16, 4807-4816.	4.6	23
11	Preclinical Evaluation of ¹¹¹In-Labeled PEGylated Maytansine Nimotuzumab Drug Conjugates in EGFR-Positive Cancer Models. Journal of Nuclear Medicine, 2019, 60, 1103-1110.	5.0	22
12	Therapeutic potential of nimotuzumab PEGylated-maytansine antibody drug conjugates against EGFR positive xenograft. Oncotarget, 2019, 10, 1031-1044.	1.8	14
13	Near infrared imaging of epidermal growth factor receptor positive xenografts in mice with domain I/II specific antibody fragments. Theranostics, 2019, 9, 974-985.	10.0	9
14	Next-generation sequencing-guided identification and reconstruction of antibody CDR combinations from phage selection outputs. Nucleic Acids Research, 2019, 47, e50-e50.	14.5	35
15	¹¹¹In-Labeled Glycoprotein Nonmetastatic b (GPNMB) Targeted Gemini Surfactant-Based Nanoparticles against Melanoma: In Vitro Characterization and in Vivo Evaluation in Melanoma Mouse Xenograft Model. Molecular Pharmaceutics, 2019, 16, 542-551.	4.6	7
16	89Zr-nimotuzumab for immunoPET imaging of epidermal growth factor receptor I. Oncotarget, 2018, 9, 17117-17132.	1.8	31
17	A ⁸⁹Zr-labeled lipoplex nanosystem for image-guided gene delivery: design, evaluation of stability and in vivo behavior. International Journal of Nanomedicine, 2018, Volume 13, 7801-7818.	6.7	6
18	Evaluation of antibody fragment properties for near-infrared fluorescence imaging of HER3-positive cancer xenografts. Theranostics, 2018, 8, 4856-4869.	10.0	24

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19	A novel synthetic trivalent single chain variable fragment (tri-scFv) construction platform based on the SpyTag/SpyCatcher protein ligase system. BMC Biotechnology, 2018, 18, 55.	3.3	17
20	99mTc(CO)3+ labeled domain I/II-specific anti-EGFR (scFv)2 antibody fragment for imaging EGFR expression. European Journal of Medicinal Chemistry, 2018, 157, 437-446.	5.5	11
21	Near infrared fluorescence imaging of EGFR expressionin vivousing IRDye800CW-nimotuzumab. Oncotarget, 2018, 9, 6213-6227.	1.8	21
22	Synthetic Modular Antibody Construction by Using the SpyTag/SpyCatcher Proteinâ€Ligase System. ChemBioChem, 2017, 18, 2217-2221.	2.6	25
23	A Singleâ€Framework Synthetic Antibody Library Containing a Combination of Canonical and Variable Complementarityâ€Determining Regions. ChemBioChem, 2017, 18, 2247-2259.	2.6	15
24	A comparison of non-biologically active truncated EGF (EGFt) and full-length hEGF for delivery of Auger electron-emitting 111 In to EGFR-positive breast cancer cells and tumor xenografts in athymic mice. Nuclear Medicine and Biology, 2015, 42, 931-938.	0.6	14
25	Positron Emission Tomographic Imaging of Iodine 124 Antiâ€"Prostate Stem Cell Antigenâ€"Engineered Antibody Fragments in LAPC-9 Tumorâ€"Bearing Severe Combined Immunodeficiency Mice. Molecular Imaging, 2013, 12, 7290.2012.00033.	1.4	2
26	Estrone-3-Sulphate, a Potential Novel Ligand for Targeting Breast Cancers. PLoS ONE, 2013, 8, e64069.	2.5	15
27	111In-Bn-DTPA-nimotuzumab with/without modification with nuclear translocation sequence (NLS) peptides: an Auger electron-emitting radioimmunotherapeutic agent for EGFR-positive and trastuzumab (Herceptin)-resistant breast cancer. Breast Cancer Research and Treatment, 2012, 135, 189-200.	2.5	47
28	Role of Antibody-Mediated Tumor Targeting and Route of Administration in Nanoparticle Tumor Accumulation in Vivo. Molecular Pharmaceutics, 2012, 9, 2168-2179.	4.6	90
29	Radiolabeled iodohypericin as tumor necrosis avid tracer: diagnostic and therapeutic potential. International Journal of Cancer, 2012, 131, E129-37.	5.1	42
30	Influence of formulation variables on the biodistribution of multifunctional block copolymer micelles. Journal of Controlled Release, 2012, 157, 366-374.	9.9	36
31	Site-specific labeling of â€˜second generationâ€™ annexin V with 99mTc(CO)3 for improved imaging of apoptosis in vivo. Bioorganic and Medicinal Chemistry, 2010, 18, 1356-1363.	3.0	35
32	In Vivo Distribution of Polymeric Nanoparticles at the Whole-Body, Tumor, and Cellular Levels. Pharmaceutical Research, 2010, 27, 2343-2355.	3.5	123
33	99mTc-tricarbonyl labeled agents for cell labeling: Development, biodistribution in normal mice and preliminary in vitro evaluation. Bioorganic and Medicinal Chemistry, 2010, 18, 396-402.	3.0	7
34	Multifunctional Block Copolymer Micelles for the Delivery of ¹¹¹In to EGFR-Positive Breast Cancer Cells for Targeted Auger Electron Radiotherapy. Molecular Pharmaceutics, 2010, 7, 177-186.	4.6	30
35	The Effects of Particle Size and Molecular Targeting on the Intratumoral and Subcellular Distribution of Polymeric Nanoparticles. Molecular Pharmaceutics, 2010, 7, 1195-1208.	4.6	302
36	Synthesis and preliminary biological evaluation of a99mTc-labeled hypericin derivative as a necrosis avid imaging agent. Journal of Labelled Compounds and Radiopharmaceuticals, 2008, 51, 33-40.	1.0	6

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37	Efficient purification and metabolite analysis of radiotracers using high-performance liquid chromatography and on-line solid-phase extraction. Journal of Chromatography A, 2008, 1189, 323-331.	3.7	22
38	Preliminary in vivo evaluation of a novel 99mTc-Labeled HYNIC-cys-annexin A5 as an apoptosis imaging agent. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3794-3798.	2.2	38
39	Non-invasive detection and quantification of acute myocardial infarction in rabbits using mono-[123I]iodohypericin ÂSPECT. European Heart Journal, 2007, 29, 260-269.	2.2	68
40	Necrosis Avidity of ^{99m}Tc(CO)₃-Labeled Pamoic acid Derivatives: Synthesis and Preliminary Biological Evaluation in Animal Models of Necrosis. Bioconjugate Chemistry, 2007, 18, 1924-1934.	3.6	24
41	Evaluation of tumor affinity of mono-[123I]iodohypericin and mono-[123I]iodoprotohypericin in a mouse model with a RIF-1 tumor. Contrast Media and Molecular Imaging, 2007, 2, 113-119.	0.8	23
42	Synthesis and preliminary evaluation of mono-[123I]iodohypericin monocarboxylic acid as a necrosis avid imaging agent. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 4001-4005.	2.2	24
43	Synthesis and biological evaluation of an 123I-labeled bicyclic nucleoside analogue (BCNA) as potential SPECT tracer for VZV-tk reporter gene imaging. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 3458-3462.	2.2	6
44	Comparison of tridentate ligands in competition experiments for their ability to form a [99mTc(CO)3] complex. Tetrahedron Letters, 2004, 45, 2531-2534.	1.4	35
45	Bioanalysis of tobramycin for therapeutic drug monitoring by solid-phase extraction and capillary zone electrophoresis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 810, 313-318.	2.3	10