

Buck E Rogers

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,719
citations

331670

21
h-index

289244

40
g-index

44
all docs

44
docs citations

44
times ranked

2423
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendritic Cell Paucity Leads to Dysfunctional Immune Surveillance in Pancreatic Cancer. <i>Cancer Cell</i> , 2020, 37, 289-307.e9.	16.8	252
2	Agonism of CD11b reprograms innate immunity to sensitize pancreatic cancer to immunotherapies. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	148
3	MicroPET Imaging of a Gastrin-Releasing Peptide Receptor-Positive Tumor in a Mouse Model of Human Prostate Cancer Using a ⁶⁴ Cu-Labeled Bombesin Analogue. <i>Bioconjugate Chemistry</i> , 2003, 14, 756-763.	3.6	138
4	Copper import in <i>Escherichia coli</i> by the yersiniabactin metallophore system. <i>Nature Chemical Biology</i> , 2017, 13, 1016-1021.	8.0	112
5	AKT Inhibitors Promote Cell Death in Cervical Cancer through Disruption of mTOR Signaling and Glucose Uptake. <i>PLoS ONE</i> , 2014, 9, e92948.	2.5	68
6	Molecular Imaging of Gastrin-Releasing Peptide Receptor-Positive Tumors in Mice Using ⁶⁴ Cu- and ⁸⁶ Y-DOTA ³ (Pro ¹ , Tyr ⁴)-Bombesin(1-14). <i>Bioconjugate Chemistry</i> , 2007, 18, 724-730.	3.6	65
7	Radiation-induced neoantigens broaden the immunotherapeutic window of cancers with low mutational loads. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	62
8	Evaluation of [⁸⁹ Zr]trastuzumab-PET/CT in differentiating HER2-positive from HER2-negative breast cancer. <i>Breast Cancer Research and Treatment</i> , 2018, 169, 523-530.	2.5	59
9	Myocardial B cells are a subset of circulating lymphocytes with delayed transit through the heart. <i>JCI Insight</i> , 2020, 5, .	5.0	57
10	Enhancing the anti-tumour activity of ¹⁷⁷ Lu-DOTA-octreotate radionuclide therapy in somatostatin receptor-2 expressing tumour models by targeting PARP. <i>Scientific Reports</i> , 2020, 10, 10196.	3.3	54
11	Evaluation of ⁶⁴ Cu-Based Radiopharmaceuticals that Target A β 2 Peptide Aggregates as Diagnostic Tools for Alzheimer's Disease. <i>Journal of the American Chemical Society</i> , 2017, 139, 12550-12558.	13.7	53
12	Amphiphilic Distyrylbenzene Derivatives as Potential Therapeutic and Imaging Agents for Soluble and Insoluble Amyloid β 2 Aggregates in Alzheimer's Disease. <i>Journal of the American Chemical Society</i> , 2021, 143, 10462-10476.	13.7	51
13	Targeted radiotherapy with [⁹⁰ Y]-SMT 487 in mice bearing human nonsmall cell lung tumor xenografts induced to express human somatostatin receptor subtype 2 with an adenoviral vector. <i>Cancer</i> , 2002, 94, 1298-1305.	4.1	42
14	In Vitro and In Vivo Evaluation of a ⁶⁴ Cu-Labeled Polyethylene Glycol-Bombesin Conjugate. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2004, 19, 25-34.	1.0	42
15	Copper-64 radiolabeling and biological evaluation of bifunctional chelators for radiopharmaceutical development. <i>Nuclear Medicine and Biology</i> , 2012, 39, 1099-1104.	0.6	42
16	Metal-chelating benzothiazole multifunctional compounds for the modulation and ⁶⁴ Cu PET imaging of A β 2 aggregation. <i>Chemical Science</i> , 2020, 11, 7789-7799.	7.4	40
17	MicroPET imaging of gene transfer with a somatostatin receptor-based reporter gene and (^{94m} Tc)-Demotate 1. <i>Journal of Nuclear Medicine</i> , 2005, 46, 1889-97.	5.0	38
18	Injectable Hydrogels for Localized Chemotherapy and Radiotherapy in Brain Tumors. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 922-933.	3.3	35

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19	Nuclear Uptake and Dosimetry of ⁶⁴ Cu-Labeled Chelator Somatostatin Conjugates in an SSTR2-Transfected Human Tumor Cell Line. <i>Journal of Nuclear Medicine</i> , 2007, 48, 1390-1396.	5.0	28
20	Design of a multivalent bifunctional chelator for diagnostic ⁶⁴ Cu PET imaging in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30928-30933.	7.1	25
21	Glutaminase Inhibitors Induce Thiol-Mediated Oxidative Stress and Radiosensitization in Treatment-Resistant Cervical Cancers. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 2465-2475.	4.1	25
22	Intraperitoneal Radioimmunotherapy with a Humanized Anti-TAG-72 (CC49) Antibody with a Deleted CH2 Region. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2005, 20, 502-513.	1.0	23
23	Tumor localization of a radiolabeled bombesin analogue in mice bearing human ovarian tumors induced to express the gastrin-releasing peptide receptor by an adenoviral vector. <i>Cancer</i> , 1997, 80, 2419-2424.	4.1	21
24	Characterization of Somatostatin Receptor Subtype 2 Expression in Stably Transfected A-427 Human Cancer Cells. <i>Molecular Imaging</i> , 2007, 6, 7290.2007.00001.	1.4	21
25	Metabolically Stabilized ⁶⁸ Ga-NOTA-Bombesin for PET Imaging of Prostate Cancer and Influence of Protease Inhibitor Phosphoramidon. <i>Molecular Pharmaceutics</i> , 2016, 13, 1347-1357.	4.6	21
26	Evaluation of copper-64-labeled somatostatin agonists and antagonist in SSTR2-transfected cell lines that are positive and negative for p53: implications for cancer therapy. <i>Nuclear Medicine and Biology</i> , 2012, 39, 187-197.	0.6	20
27	Novel Structural Modification Based on Evans Blue Dye to Improve Pharmacokinetics of a Somatostatin-Receptor-Based Theranostic Agent. <i>Bioconjugate Chemistry</i> , 2018, 29, 2448-2454.	3.6	20
28	Copper-67-Labeled Bombesin Peptide for Targeted Radionuclide Therapy of Prostate Cancer. <i>Pharmaceutics</i> , 2022, 15, 728.	3.8	17
29	Amyloid β -Binding Bifunctional Chelators with Favorable Lipophilicity for ⁶⁴ Cu Positron Emission Tomography Imaging in Alzheimer's Disease. <i>Inorganic Chemistry</i> , 2021, 60, 12610-12620.	4.0	15
30	Matched-pair, ⁸⁶ Y/ ⁹⁰ Y-labeled, bivalent RGD/bombesin antagonist, [RGD-Glu-[DO3A]-6-Ahx-RM2], as a potential theranostic agent for prostate cancer. <i>Nuclear Medicine and Biology</i> , 2018, 62-63, 71-77.	0.6	14
31	Positron-emission tomography (PET) imaging agents for diagnosis of human prostate cancer: agonist vs. antagonist ligands. <i>In Vivo</i> , 2012, 26, 583-92.	1.3	14
32	PEGylated peptide to TIP1 is a novel targeting agent that binds specifically to various cancers in vivo. <i>Journal of Controlled Release</i> , 2019, 298, 194-201.	9.9	13
33	Preclinical Evaluation of an Engineered Single-Chain Fragment Variable-Fragment Crystallizable Targeting Human CD44. <i>Journal of Nuclear Medicine</i> , 2021, 62, 137-143.	5.0	13
34	Practical considerations for quantitative clinical SPECT/CT imaging of alpha particle emitting radioisotopes. <i>Theranostics</i> , 2021, 11, 9721-9737.	10.0	12
35	Novel hexadentate and pentadentate chelators for ⁶⁴ Cu-based targeted PET imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 2553-2562.	3.0	9
36	Development of a Radiolabeled Irreversible Peptide Ligand for PET Imaging of Vascular Endothelial Growth Factor. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1029-1034.	5.0	8

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37	Structure-activity relationship studies and bioactivity evaluation of 1,2,3-triazole containing analogues as a selective sphingosine kinase-2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 206, 112713.	5.5	8
38	2-(4-Hydroxyphenyl)benzothiazole dicarboxylate ester TACN chelators for ⁶⁴ Cu PET imaging in Alzheimer's disease. <i>Dalton Transactions</i> , 2022, 51, 1216-1224.	3.3	8
39	Neutral Ligands as Potential ⁶⁴ Cu Chelators for Positron Emission Tomography Imaging Applications in Alzheimer's Disease. <i>Inorganic Chemistry</i> , 2022, 61, 4778-4787.	4.0	8
40	⁶⁸ Ga-Labeled Benzothiazole Derivatives for Imaging A β Plaques in Cerebral Amyloid Angiopathy. <i>ACS Omega</i> , 2022, 7, 20339-20346.	3.5	6
41	Aerosol-synthesized siliceous nanoparticles: impact of morphology and functionalization on biodistribution. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 7375-7393.	6.7	5
42	Radiolabeled 6-(2, 3-Dichlorophenyl)-N4-methylpyrimidine-2, 4-diamine (TH287): A Potential Radiotracer for Measuring and Imaging MTH1. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8860.	4.1	3
43	A comparison of ⁶⁴ Cu-labeled bi-terminally PEGylated A20FMDV2 peptides targeting integrin $\alpha_5\beta_1$. <i>Oncotarget</i> , 2022, 13, 360-372.	1.8	3
44	Translation of ceragenin affinity for bacteria to an imaging reagent for infection. <i>RSC Advances</i> , 2019, 9, 14472-14476.	3.6	1