

Anna M Wu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

177
papers

16,543
citations

55
h-index

127
g-index

184
ext. papers

17,900
ext. citations

8.3
avg, IF

6.39
L-index

#	Paper	IF	Citations
177	Biodistribution of Intra-Arterial and Intravenous Delivery of Human Umbilical Cord Mesenchymal Stem Cell-Derived Extracellular Vesicles in a Rat Model to Guide Delivery Strategies for Diabetes Therapies. <i>Pharmaceuticals</i> , 2022 , 15, 595	5.2	2
176	Imaging the host response to cancer 2021 ,		
175	Anti-CD25 radioimmunotherapy with BEAM autologous hematopoietic cell transplantation conditioning in Hodgkin lymphoma. <i>Blood Advances</i> , 2021 , 5, 5300-5311	7.8	0
174	Positron emission tomography imaging with Zr-labeled anti-CD8 cys-diabody reveals CD8 cell infiltration during oncolytic virus therapy in a glioma murine model. <i>Scientific Reports</i> , 2021 , 11, 15384	4.9	5
173	In vivo NIR-II structured-illumination light-sheet microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	11
172	Pre-conditioning modifies the TME to enhance solid tumor CAR T cell efficacy and endogenous protective immunity. <i>Molecular Therapy</i> , 2021 , 29, 2335-2349	11.7	14
171	CD8-targeted PET Imaging of Tumor Infiltrating T cells in Patients with Cancer: A Phase I First-in-Human Study of Zr-Df-IAB22M2C, a Radiolabeled anti-CD8 Minibody. <i>Journal of Nuclear Medicine</i> , 2021 ,	8.9	6
170	ImmunoPET: harnessing antibodies for imaging immune cells. <i>Molecular Imaging and Biology</i> , 2021 , 1	3.8	0
169	Protein Engineering for Molecular Imaging 2021 , 753-770		
168	Phase I Study of Yttrium-90 Radiolabeled M5A Anti-Carcinoembryonic Antigen Humanized Antibody in Patients with Advanced Carcinoembryonic Antigen Producing Malignancies. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2020 , 35, 10-15	3.9	6
167	Persistence of adoptively transferred T cells with a kinetically engineered IL-2 receptor agonist. <i>Nature Communications</i> , 2020 , 11, 660	17.4	42
166	Targeted alpha therapy with astatine-211-labeled anti-PSCA A11 minibody shows antitumor efficacy in prostate cancer xenografts and bone microtumors. <i>EJNMMI Research</i> , 2020 , 10, 10	3.6	8
165	Sanjiv Bam Gambhir, MD, PhD: In Memoriam (1962-2020). <i>Cancer Research</i> , 2020 , 80, 4305-4306	10.1	
164	Molecular imaging in biology and pharmacology 2020 , 523-560		
163	Tri-functional platform for construction of modular antibody fragments for F-PET or NIRF molecular imaging. <i>Chemical Science</i> , 2020 , 11, 1832-1838	9.4	3
162	Cross-Link-Functionalized Nanoparticles for Rapid Excretion in Nanotheranostic Applications. <i>Angewandte Chemie</i> , 2020 , 132, 20733-20741	3.6	2
161	Cross-Link-Functionalized Nanoparticles for Rapid Excretion in Nanotheranostic Applications. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20552-20560	16.4	12

160	Evaluation of [¹¹¹ I]- and [¹⁷⁷ Lu]Lu-DTPA-A11 Minibody for Radioimmunotherapy in a Preclinical Model of PSCA-Expressing Prostate Cancer. <i>Molecular Imaging and Biology</i> , 2020 , 22, 1380-1391	3.8	3
159	Identifying CD38+ cells in patients with multiple myeloma: first-in-human imaging using copper-64-labeled daratumumab. <i>Blood Advances</i> , 2020 , 4, 5194-5202	7.8	9
158	[⁹⁰ Zr]A2cDb Immuno-PET of Prostate Cancer in a Human Prostate Stem Cell Antigen Knock-in (hPSCA KI) Syngeneic Model. <i>Molecular Imaging and Biology</i> , 2020 , 22, 367-376	3.8	4
157	First-in-Humans Imaging with Zr-Df-IAB22M2C Anti-CD8 Minibody in Patients with Solid Malignancies: Preliminary Pharmacokinetics, Biodistribution, and Lesion Targeting. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 512-519	8.9	86
156	A Cetuximab-Mediated Suicide System in Chimeric Antigen Receptor-Modified Hematopoietic Stem Cells for Cancer Therapy. <i>Human Gene Therapy</i> , 2019 , 30, 413-428	4.8	21
155	A Dual-Modality Linker Enables Site-Specific Conjugation of Antibody Fragments for F-Immuno-PET and Fluorescence Imaging. <i>Journal of Nuclear Medicine</i> , 2019 , 60, 1467-1473	8.9	16
154	Current and Future Imaging Methods for Evaluating Response to Immunotherapy in Neuro-Oncology. <i>Theranostics</i> , 2019 , 9, 5085-5104	12.1	19
153	On-demand radiosynthesis of -succinimidyl-4-[¹⁸ F]fluorobenzoate ([¹⁸ F]SFB) on an electrowetting-on-dielectric microfluidic chip for F-labeling of protein.. <i>RSC Advances</i> , 2019 , 9, 32175-32183	3.7	4
152	F-labeled anti-human CD20 cys-diabody for same-day immunoPET in a model of aggressive B cell lymphoma in human CD20 transgenic mice. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 489-500	8.8	17
151	Near-Infrared Dye-Labeled Anti-Prostate Stem Cell Antigen Minibody Enables Real-Time Fluorescence Imaging and Targeted Surgery in Translational Mouse Models. <i>Clinical Cancer Research</i> , 2019 , 25, 188-200	12.9	18
150	Immuno-PET in Inflammatory Bowel Disease: Imaging CD4-Positive T Cells in a Murine Model of Colitis. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 980-985	8.9	36
149	Dual-Modality Immuno-PET and Near-Infrared Fluorescence Imaging of Pancreatic Cancer Using an Anti-Prostate Stem Cell Antigen Cys-Diabody. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 1398-1405	8.9	24
148	Aligning physics and physiology: Engineering antibodies for radionuclide delivery. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018 , 61, 693-714	1.9	23
147	Immune Modulation Therapy and Imaging: Workshop Report. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 410-417	8.7	19
146	Co-stimulatory signaling determines tumor antigen sensitivity and persistence of CAR T cells targeting PSCA+ metastatic prostate cancer. <i>Oncot Immunology</i> , 2018 , 7, e1380764	7.2	74
145	Imaging of tumor infiltrating T cells with an anti-CD8 minibody (Mb) 89Zr-IAB22M2C, in advanced solid tumors.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e24160-e24160	2.2	4
144	Dual-Modality ImmunoPET/Fluorescence Imaging of Prostate Cancer with an Anti-PSCA Cys-Minibody. <i>Theranostics</i> , 2018 , 8, 5903-5914	12.1	21
143	CD8 T-Cell Density Imaging with Cu-Labeled Cys-Diabody Informs Immunotherapy Protocols. <i>Clinical Cancer Research</i> , 2018 , 24, 4976-4987	12.9	57

142	Molecular Simulation of Receptor Occupancy and Tumor Penetration of an Antibody and Smaller Scaffolds: Application to Molecular Imaging. <i>Molecular Imaging and Biology</i> , 2017 , 19, 656-664	3.8	12
141	ImmunoPET Imaging of Murine CD4 T Cells Using Anti-CD4 Cys-Diabody: Effects of Protein Dose on T Cell Function and Imaging. <i>Molecular Imaging and Biology</i> , 2017 , 19, 599-609	3.8	49
140	Phase I/II Trial of Anticarcinoembryonic Antigen Radioimmunotherapy, Gemcitabine, and Hepatic Arterial Infusion of Fluorodeoxyuridine Postresection of Liver Metastasis for Colorectal Carcinoma. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2017 , 32, 258-265	3.9	8
139	ImmunoPET of Malignant and Normal B Cells with Zr- and I-Labeled Obinutuzumab Antibody Fragments Reveals Differential CD20 Internalization. <i>Clinical Cancer Research</i> , 2017 , 23, 7242-7252	12.9	33
138	Nano-enabled pancreas cancer immunotherapy using immunogenic cell death and reversing immunosuppression. <i>Nature Communications</i> , 2017 , 8, 1811	17.4	259
137	Engineering A11 Minibody-Conjugated, Polypeptide-Based Gold Nanoshells for Prostate Stem Cell Antigen (PSCA)-Targeted Photothermal Therapy. <i>SLAS Technology</i> , 2017 , 22, 26-35	3	8
136	Dual transcript and protein quantification in a massive single cell array. <i>Lab on A Chip</i> , 2016 , 16, 3682-8	7.2	17
135	First-in-Human Imaging with 89Zr-Df-IAB2M Anti-PSMA Minibody in Patients with Metastatic Prostate Cancer: Pharmacokinetics, Biodistribution, Dosimetry, and Lesion Uptake. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 1858-1864	8.9	91
134	An Effective Immuno-PET Imaging Method to Monitor CD8-Dependent Responses to Immunotherapy. <i>Cancer Research</i> , 2016 , 76, 73-82	10.1	206
133	Fluorescent Image-Guided Surgery with an Anti-Prostate Stem Cell Antigen (PSCA) Diabody Enables Targeted Resection of Mouse Prostate Cancer Xenografts in Real Time. <i>Clinical Cancer Research</i> , 2016 , 22, 1403-12	12.9	36
132	Advances in PET Detection of the Antitumor T Cell Response. <i>Advances in Immunology</i> , 2016 , 131, 187-231	316	32
131	Photoimmunotherapy targeting prostate-specific membrane antigen: are antibody fragments as effective as antibodies?. <i>Journal of Nuclear Medicine</i> , 2015 , 56, 140-4	8.9	55
130	In vivo imaging with antibodies and engineered fragments. <i>Molecular Immunology</i> , 2015 , 67, 142-52	4.3	140
129	Immuno-PET of Murine T Cell Reconstitution Postadoptive Stem Cell Transplantation Using Anti-CD4 and Anti-CD8 Cys-Diabodies. <i>Journal of Nuclear Medicine</i> , 2015 , 56, 1258-64	8.9	84
128	Characterization of a double-sided silicon strip detector autoradiography system. <i>Medical Physics</i> , 2015 , 42, 575-84	4.4	4
127	A fully human scFv phage display library for rapid antibody fragment reformatting. <i>Protein Engineering, Design and Selection</i> , 2015 , 23, 307-16	1.9	15
126	Development and characterization of an $\alpha\beta$ -specific diabody and a disulfide-stabilized $\alpha\beta$ -specific cys-diabody. <i>Nuclear Medicine and Biology</i> , 2015 , 42, 945-57	2.1	9
125	Engineered antibodies for molecular imaging of cancer. <i>Methods</i> , 2014 , 65, 139-47	4.6	114

124	Noninvasive Imaging of PSMA in prostate tumors with (89)Zr-Labeled huJ591 engineered antibody fragments: the faster alternatives. <i>Molecular Pharmaceutics</i> , 2014 , 11, 3965-73	5.6	54
123	Numerical comparison of iodine-based and indium-based antibody biodistributions. <i>Cancer Biotherapy and Radiopharmaceutics</i> , 2014 , 29, 91-8	3.9	4
122	Quantitative immunoPET of prostate cancer xenografts with 89Zr- and 124I-labeled anti-PSCA A11 minibody. <i>Journal of Nuclear Medicine</i> , 2014 , 55, 452-9	8.9	45
121	Improved modeling of in vivo kinetics of slowly diffusing radiotracers for tumor imaging. <i>Journal of Nuclear Medicine</i> , 2014 , 55, 1539-44	8.9	9
120	Minibody-indocyanine green based activatable optical imaging probes: the role of short polyethylene glycol linkers. <i>ACS Medicinal Chemistry Letters</i> , 2014 , 5, 411-5	4.3	28
119	Enhanced immunoPET of ALCAM-positive colorectal carcinoma using site-specific ^{111}In -DOTA conjugation. <i>Protein Engineering, Design and Selection</i> , 2014 , 27, 317-24	1.9	25
118	Anti-MET immunoPET for non-small cell lung cancer using novel fully human antibody fragments. <i>Molecular Cancer Therapeutics</i> , 2014 , 13, 2607-17	6.1	21
117	Applications of immunoPET: using 124I-anti-PSCA A11 minibody for imaging disease progression and response to therapy in mouse xenograft models of prostate cancer. <i>Clinical Cancer Research</i> , 2014 , 20, 6367-78	12.9	22
116	Engineered antibody fragments for immuno-PET imaging of endogenous CD8+ T cells in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 1108-13	11.5	117
115	A mutated anti-CA19-9 scFv-Fc for positron emission tomography of human pancreatic cancer xenografts. <i>Molecular Imaging and Biology</i> , 2014 , 16, 721-9	3.8	8
114	An engineered anti-CA19-9 cys-diabody for positron emission tomography imaging of pancreatic cancer and targeting of polymerized liposomal nanoparticles. <i>Journal of Surgical Research</i> , 2013 , 185, 45-55	2.5	19
113	Positron emission tomography imaging of endometrial cancer using engineered anti-EMP2 antibody fragments. <i>Molecular Imaging and Biology</i> , 2013 , 15, 68-78	3.8	12
112	Endocytosis and intracellular trafficking properties of transferrin-conjugated block copolyptide vesicles. <i>Biomacromolecules</i> , 2013 , 14, 1458-64	6.9	19
111	Activatable fluorescent cys-diabody conjugated with indocyanine green derivative: consideration of fluorescent catabolite kinetics on molecular imaging. <i>Journal of Biomedical Optics</i> , 2013 , 18, 101304	3.5	15
110	Positron Emission Tomographic Imaging of Iodine 124 Anti-Prostate Stem Cell Antigen Engineered Antibody Fragments in LAPC-9 Tumor Bearing Severe Combined Immunodeficiency Mice. <i>Molecular Imaging</i> , 2013 , 12, 7290.2012.00033	3.7	1
109	Levels of murine, but not human, CXCL13 are greatly elevated in NOD-SCID mice bearing the AIDS-associated Burkitt lymphoma cell line, 2F7. <i>PLoS ONE</i> , 2013 , 8, e72414	3.7	10
108	ImmunoPET using engineered antibody fragments: fluorine-18 labeled diabodies for same-day imaging. <i>Tumor Biology</i> , 2012 , 33, 669-77	2.9	52
107	An engineered cysteine-modified diabody for imaging activated leukocyte cell adhesion molecule (ALCAM)-positive tumors. <i>Molecular Imaging and Biology</i> , 2012 , 14, 336-47	3.8	22

106	Enhanced growth inhibition of osteosarcoma by cytotoxic polymerized liposomal nanoparticles targeting the alcam cell surface receptor. <i>Sarcoma</i> , 2012 , 2012, 126906	3.1	28
105	Advances in immuno-positron emission tomography: antibodies for molecular imaging in oncology. <i>Journal of Clinical Oncology</i> , 2012 , 30, 3884-92	2.2	150
104	Anti-carcinoembryonic antigen single-chain variable fragment antibody variants bind mouse and human neonatal Fc receptor with different affinities that reveal distinct cross-species differences in serum half-life. <i>Journal of Biological Chemistry</i> , 2012 , 287, 22927-37	5.4	27
103	The soluble serum protein Gas6 bridges virion envelope phosphatidylserine to the TAM receptor tyrosine kinase Axl to mediate viral entry. <i>Cell Host and Microbe</i> , 2011 , 9, 286-98	23.4	145
102	Anti-CA19-9 diabody as a PET imaging probe for pancreas cancer. <i>Journal of Surgical Research</i> , 2011 , 170, 169-78	2.5	36
101	Microfluidic-Based 18F-Labeling of Biomolecules for ImmunoPositron Emission Tomography. <i>Molecular Imaging</i> , 2011 , 10, 7290.2010.00043	3.7	20
100	Molecular Imaging Probe Development using Microfluidics. <i>Current Organic Synthesis</i> , 2011 , 8, 473-487	1.9	12
99	Targeting CEA in Pancreas Cancer Xenografts with a Mutated scFv-Fc Antibody Fragment. <i>EJNMMI Research</i> , 2011 , 1, 24	3.6	23
98	Evaluation of two internalizing carcinoembryonic antigen reporter genes for molecular imaging. <i>Molecular Imaging and Biology</i> , 2011 , 13, 526-535	3.8	8
97	CA19-9 as a Potential Target for Radiolabeled Antibody-Based Positron Emission Tomography of Pancreas Cancer. <i>International Journal of Molecular Imaging</i> , 2011 , 2011, 834515		11
96	Microfluidic-based 18F-labeling of biomolecules for immuno-positron emission tomography. <i>Molecular Imaging</i> , 2011 , 10, 168-76, 1-7	3.7	21
95	Protein targeting constructs in alpha therapy. <i>Current Radiopharmaceuticals</i> , 2011 , 4, 197-213	1.8	11
94	Unexpected expression pattern for glycosylphosphatidylinositol-anchored HDL-binding protein 1 (GPIHBP1) in mouse tissues revealed by positron emission tomography scanning. <i>Journal of Biological Chemistry</i> , 2010 , 285, 39239-48	5.4	33
93	ImmunoPET imaging of B-cell lymphoma using 124I-anti-CD20 scFv dimers (diabodies). <i>Protein Engineering, Design and Selection</i> , 2010 , 23, 243-9	1.9	34
92	Tuning the serum persistence of human serum albumin domain III:diabody fusion proteins. <i>Protein Engineering, Design and Selection</i> , 2010 , 23, 789-98	1.9	41
91	Rates and equilibria for probe capture by an antibody with infinite affinity. <i>Bioconjugate Chemistry</i> , 2010 , 21, 784-91	6.3	11
90	Antibody vectors for imaging. <i>Seminars in Nuclear Medicine</i> , 2010 , 40, 167-81	5.4	161
89	Positive progress in immunoPET--not just a coincidence. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2010 , 25, 253-61	3.9	44

88	A pretherapy biodistribution and dosimetry study of indium-111-radiolabeled trastuzumab in patients with human epidermal growth factor receptor 2-overexpressing breast cancer. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2010 , 25, 387-94	3.9	21
87	An affinity matured minibody for PET imaging of prostate stem cell antigen (PSCA)-expressing tumors. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010 , 37, 1529-38	8.8	50
86	A differential cell capture assay for evaluating antibody interactions with cell surface targets. <i>Analytical Biochemistry</i> , 2010 , 401, 173-81	3.1	8
85	Minibodies and Multimodal Chromatography Methods: A Convergence of Challenge and Opportunity 2010 , 8, 26-35		14
84	Generation of Single-Chain Fv Fragments and Multivalent Derivatives scFv-Fc and scFv-CH3 (Minibodies) 2010 , 69-84		2
83	Imaging Tumor Xenografts Using Radiolabeled Antibodies 2010 , 491-506		
82	Recombinant anti-CD20 antibody fragments for small-animal PET imaging of B-cell lymphomas. <i>Journal of Nuclear Medicine</i> , 2009 , 50, 1500-8	8.9	63
81	Antibodies and antimatter: the resurgence of immuno-PET. <i>Journal of Nuclear Medicine</i> , 2009 , 50, 2-5	8.9	146
80	Recombinant carcinoembryonic antigen as a reporter gene for molecular imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 104-14	8.8	19
79	Particle size, surface coating, and PEGylation influence the biodistribution of quantum dots in living mice. <i>Small</i> , 2009 , 5, 126-34	11	368
78	Blockade of epithelial membrane protein 2 (EMP2) abrogates infection of Chlamydia muridarum murine genital infection model. <i>FEMS Immunology and Medical Microbiology</i> , 2009 , 55, 240-9		7
77	Evaluation of an anti-p185(HER2) (scFv-C(H)2-C(H)3)2 fragment following radioiodination using two different residualizing labels: SGMIB and IB-Mal-D-GEEEK. <i>Nuclear Medicine and Biology</i> , 2009 , 36, 671-80 ^{2.1}		14
76	Cys-diabody quantum dot conjugates (immunoQdots) for cancer marker detection. <i>Bioconjugate Chemistry</i> , 2009 , 20, 1474-81	6.3	50
75	Characterization of an engineered human purine nucleoside phosphorylase fused to an anti-her2/neu single chain Fv for use in ADEPT. <i>Journal of Experimental and Clinical Cancer Research</i> , 2009 , 28, 147	12.8	9
74	Neural stem cells as a novel platform for tumor-specific delivery of therapeutic antibodies. <i>PLoS ONE</i> , 2009 , 4, e8314	3.7	54
73	Engineered humanized diabodies for microPET imaging of prostate stem cell antigen-expressing tumors. <i>Protein Engineering, Design and Selection</i> , 2009 , 22, 209-16	1.9	34
72	In Vivo Eradication of a Rituximab-Resistant Human CD20+ B Cell Lymphoma by Rituximab-CpG Oligodeoxynucleotide Conjugate Is Mediated by Natural Killer Cells and Complement.. <i>Blood</i> , 2009 , 114, 723-723	2.2	0
71	Site-specific, thiol-mediated conjugation of fluorescent probes to cysteine-modified diabodies targeting CD20 or HER2. <i>Bioconjugate Chemistry</i> , 2008 , 19, 2527-34	6.3	39

70	Engineered antibody fragments with infinite affinity as reporter genes for PET imaging. <i>Journal of Nuclear Medicine</i> , 2008 , 49, 1828-35	8.9	40
69	Diabodies targeting epithelial membrane protein 2 reduce tumorigenicity of human endometrial cancer cell lines. <i>Clinical Cancer Research</i> , 2008 , 14, 7367-77	12.9	21
68	An official ATS conference proceedings: advances in small-animal imaging application to lung pathophysiology. <i>Proceedings of the American Thoracic Society</i> , 2008 , 5, 591-600		11
67	Antibodies for molecular imaging of cancer. <i>Cancer Journal (Sudbury, Mass)</i> , 2008 , 14, 191-7	2.2	111
66	Humanized radioiodinated minibody for imaging of prostate stem cell antigen-expressing tumors. <i>Clinical Cancer Research</i> , 2008 , 14, 7488-96	12.9	60
65	Molecular Imaging in Biology and Pharmacology 2008 , 457-XLV		
64	Metabolic biotinylation of recombinant antibody by biotin ligase retained in the endoplasmic reticulum. <i>New Biotechnology</i> , 2007 , 24, 283-91		38
63	Red-shifted Renilla reniformis luciferase variants for imaging in living subjects. <i>Nature Methods</i> , 2007 , 4, 641-3	21.6	234
62	Fusion of Gaussia luciferase to an engineered anti-carcinoembryonic antigen (CEA) antibody for in vivo optical imaging. <i>Molecular Imaging and Biology</i> , 2007 , 9, 267-77	3.8	70
61	2007 ,		2
60	microPET-based biodistribution of quantum dots in living mice. <i>Journal of Nuclear Medicine</i> , 2007 , 48, 1511-8	8.9	165
59	Radioiodinated versus radiometal-labeled anti-carcinoembryonic antigen single-chain Fv-Fc antibody fragments: optimal pharmacokinetics for therapy. <i>Cancer Research</i> , 2007 , 67, 718-26	10.1	80
58	Targeting, imaging, and therapy using a humanized antiprostate stem cell antigen (PSCA) antibody. <i>Journal of Immunotherapy</i> , 2007 , 30, 396-405	5	64
57	PET imaging of colorectal cancer in xenograft-bearing mice by use of an 18F-labeled T84.66 anti-carcinoembryonic antigen diabody. <i>Journal of Nuclear Medicine</i> , 2007 , 48, 304-10	8.9	89
56	A two-tiered physiologically based model for dually labeled single-chain Fv-Fc antibody fragments. <i>Molecular Cancer Therapeutics</i> , 2006 , 5, 1550-8	6.1	53
55	A phase I trial of (90)Y-DOTA-anti-CEA chimeric T84.66 (cT84.66) radioimmunotherapy in patients with metastatic CEA-producing malignancies. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2006 , 21, 88-100	3.9	37
54	Tailoring antibodies for radionuclide delivery. <i>Expert Opinion on Drug Delivery</i> , 2006 , 3, 53-70	8	82
53	Bifunctional antibody-Renilla luciferase fusion protein for in vivo optical detection of tumors. <i>Protein Engineering, Design and Selection</i> , 2006 , 19, 453-60	1.9	49

52	Consensus guided mutagenesis of Renilla luciferase yields enhanced stability and light output. <i>Protein Engineering, Design and Selection</i> , 2006 , 19, 391-400	1.9	315
51	Solution-phase surface modification in intact poly(dimethylsiloxane) microfluidic channels. <i>Analytical Chemistry</i> , 2006 , 78, 5543-51	7.8	187
50	Improved biodistribution and radioimmunoimaging with poly(ethylene glycol)-DOTA-conjugated anti-CEA diabody. <i>Bioconjugate Chemistry</i> , 2006 , 17, 68-76	6.3	36
49	Tunable pharmacokinetics: modifying the in vivo half-life of antibodies by directed mutagenesis of the Fc fragment. <i>Nature Protocols</i> , 2006 , 1, 2048-60	18.8	55
48	Quantum dots for live cells, in vivo imaging, and diagnostics. <i>Science</i> , 2005 , 307, 538-44	33.3	6718
47	Arming antibodies: prospects and challenges for immunoconjugates. <i>Nature Biotechnology</i> , 2005 , 23, 1137-46	44.5	896
46	A predictive model of therapeutic monoclonal antibody dynamics and regulation by the neonatal Fc receptor (FcRn). <i>Annals of Biomedical Engineering</i> , 2005 , 33, 1640-52	4.7	113
45	An internet-based "kinetic imaging system" (KIS) for MicroPET. <i>Molecular Imaging and Biology</i> , 2005 , 7, 330-41	3.8	40
44	Optimizing radiolabeled engineered anti-p185HER2 antibody fragments for in vivo imaging. <i>Cancer Research</i> , 2005 , 65, 5907-16	10.1	144
43	Tailoring the pharmacokinetics and positron emission tomography imaging properties of anti-carcinoembryonic antigen single-chain Fv-Fc antibody fragments. <i>Cancer Research</i> , 2005 , 65, 622-31	10.1	139
42	Pilot trial evaluating an 123I-labeled 80-kilodalton engineered anticarcinoembryonic antigen antibody fragment (cT84.66 minibody) in patients with colorectal cancer. <i>Clinical Cancer Research</i> , 2004 , 10, 5014-21	12.9	77
41	Covalent disulfide-linked anti-CEA diabody allows site-specific conjugation and radiolabeling for tumor targeting applications. <i>Protein Engineering, Design and Selection</i> , 2004 , 17, 21-7	1.9	94
40	Humanization of the anti-CEA T84.66 antibody based on crystal structure data. <i>Protein Engineering, Design and Selection</i> , 2004 , 17, 481-9	1.9	38
39	Characterization of engineered anti-p185HER-2 (scFv-CH3) ₂ antibody fragments (minibodies) for tumor targeting. <i>Protein Engineering, Design and Selection</i> , 2004 , 17, 315-23	1.9	69
38	Engineering multivalent antibody fragments for in vivo targeting. <i>Methods in Molecular Biology</i> , 2004 , 248, 209-25	1.4	15
37	Expression of recombinant antibodies in mammalian cell lines. <i>Methods in Molecular Biology</i> , 2004 , 248, 255-68	1.4	6
36	Engineered CD20-specific primary human cytotoxic T lymphocytes for targeting B-cell malignancy. <i>Cytotherapy</i> , 2003 , 5, 131-8	4.8	51
35	The crystal structure of an anti-CEA scFv diabody assembled from T84.66 scFvs in V(L)-to-V(H) orientation: implications for diabody flexibility. <i>Journal of Molecular Biology</i> , 2003 , 326, 341-51	6.5	62

34	Construction and characterization of minibodies for imaging and therapy of colorectal carcinomas. <i>Methods in Molecular Biology</i> , 2003 , 207, 351-64	1.4	8
33	124I-labeled engineered anti-CEA minibodies and diabodies allow high-contrast, antigen-specific small-animal PET imaging of xenografts in athymic mice. <i>Journal of Nuclear Medicine</i> , 2003 , 44, 1962-9	8.9	159
32	Optical bioluminescence and positron emission tomography imaging of a novel fusion reporter gene in tumor xenografts of living mice. <i>Cancer Research</i> , 2003 , 63, 1160-5	10.1	131
31	A Phase I trial of 90Y-anti-carcinoembryonic antigen chimeric T84.66 radioimmunotherapy with 5-fluorouracil in patients with metastatic colorectal cancer. <i>Clinical Cancer Research</i> , 2003 , 9, 5842-52	12.9	71
30	Reduction of kidney uptake in radiometal labeled peptide linkers conjugated to recombinant antibody fragments. Site-specific conjugation of DOTA-peptides to a Cys-diabody. <i>Bioconjugate Chemistry</i> , 2002 , 13, 985-95	6.3	57
29	Development and implementation of a science training course for breast cancer activists: Project LEAD (leadership, education and advocacy development). <i>Health Expectations</i> , 2001 , 4, 213-20	3.7	28
28	Mammalian expression and hollow fiber bioreactor production of recombinant anti-CEA diabody and minibody for clinical applications. <i>Journal of Immunological Methods</i> , 2001 , 253, 195-208	2.5	63
27	Multimerization of a chimeric anti-CD20 single-chain Fv-Fc fusion protein is mediated through variable domain exchange. <i>Protein Engineering, Design and Selection</i> , 2001 , 14, 1025-33	1.9	38
26	Numerical selection of optimal tumor imaging agents with application to engineered antibodies. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2001 , 16, 25-35	3.9	50
25	Tumor targeting of radiometal labeled anti-CEA recombinant T84.66 diabody and t84.66 minibody: comparison to radioiodinated fragments. <i>Bioconjugate Chemistry</i> , 2001 , 12, 220-8	6.3	92
24	Single-chain antibodies against human insulin-like growth factor I receptor: expression, purification, and effect on tumor growth. <i>Cancer Immunology, Immunotherapy</i> , 2000 , 49, 243-52	7.4	92
23	Human T lymphocyte genetic modification with naked DNA. <i>Molecular Therapy</i> , 2000 , 1, 49-55	11.7	94
22	Truncation of blood curves to enhance imaging and therapy with monoclonal antibodies. <i>Medical Physics</i> , 2000 , 27, 988-94	4.4	3
21	High-resolution microPET imaging of carcinoembryonic antigen-positive xenografts by using a copper-64-labeled engineered antibody fragment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 8495-500	11.5	183
20	Biodistribution and radioimmunotherapy of human breast cancer xenografts with radiometal-labeled DOTA conjugated anti-HER2/neu antibody 4D5. <i>Bioconjugate Chemistry</i> , 2000 , 11, 327-34	6.3	31
19	CD20 is a molecular target for scFvFc:zeta receptor redirected T cells: implications for cellular immunotherapy of CD20+ malignancy. <i>Biology of Blood and Marrow Transplantation</i> , 1998 , 4, 75-83	4.7	94
18	Tumor localization of anti-CEA single-chain Fvs: improved targeting by non-covalent dimers. <i>Immunotechnology: an International Journal of Immunological Engineering</i> , 1996 , 2, 21-36		169
17	In vivo veritas: Live phage display panning. <i>Nature Biotechnology</i> , 1996 , 14, 429-431	44.5	1

16	Figures of merit (FOMs) for imaging and therapy using monoclonal antibodies. <i>Medical Physics</i> , 1995 , 22, 2025-7	4.4	15
15	Characterization of a new allele of the human ERBB2 gene by allele-specific competition hybridization. <i>Genomics</i> , 1993 , 15, 426-9	4.3	5
14	Genotype and phenotype: a practical approach to the immunogenetic analysis of lymphoproliferative disorders. <i>Human Pathology</i> , 1990 , 21, 1132-41	3.7	8
13	Partial cDNA sequence of the gamma subunit of transducin. <i>Biochemical and Biophysical Research Communications</i> , 1984 , 124, 250-5	3.4	26
12	Unwinding associated with synapsis of DNA molecules by recA protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1983 , 80, 1256-60	11.5	56
11	Recombination Activities of Escherichia coli RecA Protein: Synapsis and Strand Exchange 1983 , 535-548		1
10	Formation of nascent heteroduplex structures by RecA protein and DNA. <i>Cell</i> , 1982 , 30, 37-44	56.2	82
9	Concerted strand exchange and formation of Holliday structures by E. coli RecA protein. <i>Cell</i> , 1981 , 25, 507-16	56.2	120
8	Homologous pairing and topological linkage of DNA molecules by combined action of E. coli RecA protein and topoisomerase I. <i>Cell</i> , 1981 , 24, 213-23	56.2	118
7	Tandem termination sites in the tryptophan operon of Escherichia coli. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1981 , 78, 2913-7	11.5	105
6	The complete nucleotide sequence of the tryptophan operon of Escherichia coli. <i>Nucleic Acids Research</i> , 1981 , 9, 6647-68	20.1	327
5	Deletions of distal sequence after termination of transcription at the end of the tryptophan operon in E. coli. <i>Cell</i> , 1980 , 19, 829-36	56.2	44
4	A mutation distal to the messenger RNA endpoint reduces transcription termination in the tryptophan operon in Escherichia coli. <i>Journal of Molecular Biology</i> , 1979 , 133, 189-97	6.5	19
3	Transcription termination: nucleotide sequence at 3' end of tryptophan operon in Escherichia coli. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1978 , 75, 5442-6	11.5	46
2	Biodistribution and Imaging 461-482		1
1	Antibodies for the Delivery of Radionuclides 411-439		1