

Anna M Wu

List of Publications by Citations

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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	Quantum dots for live cells, in vivo imaging, and diagnostics. <i>Science</i> , 2005 , 307, 538-44	33.3	6718
176	Arming antibodies: prospects and challenges for immunoconjugates. <i>Nature Biotechnology</i> , 2005 , 23, 1137-46	44.5	896
175	Particle size, surface coating, and PEGylation influence the biodistribution of quantum dots in living mice. <i>Small</i> , 2009 , 5, 126-34	11	368
174	The complete nucleotide sequence of the tryptophan operon of Escherichia coli. <i>Nucleic Acids Research</i> , 1981 , 9, 6647-68	20.1	327
173	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
172	Nano-enabled pancreas cancer immunotherapy using immunogenic cell death and reversing immunosuppression. <i>Nature Communications</i> , 2017 , 8, 1811	17.4	259
171	Red-shifted Renilla reniformis luciferase variants for imaging in living subjects. <i>Nature Methods</i> , 2007 , 4, 641-3	21.6	234
170	An Effective Immuno-PET Imaging Method to Monitor CD8-Dependent Responses to Immunotherapy. <i>Cancer Research</i> , 2016 , 76, 73-82	10.1	206
169	Solution-phase surface modification in intact poly(dimethylsiloxane) microfluidic channels. <i>Analytical Chemistry</i> , 2006 , 78, 5543-51	7.8	187
168	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
167	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
166	microPET-based biodistribution of quantum dots in living mice. <i>Journal of Nuclear Medicine</i> , 2007 , 48, 1511-8	8.9	165
165	Antibody vectors for imaging. <i>Seminars in Nuclear Medicine</i> , 2010 , 40, 167-81	5.4	161
164	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
163	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
162	Antibodies and antimatter: the resurgence of immuno-PET. <i>Journal of Nuclear Medicine</i> , 2009 , 50, 2-5	8.9	146
161	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

160	Optimizing radiolabeled engineered anti-p185HER2 antibody fragments for in vivo imaging. <i>Cancer Research</i> , 2005 , 65, 5907-16	10.1	144
159	In vivo imaging with antibodies and engineered fragments. <i>Molecular Immunology</i> , 2015 , 67, 142-52	4.3	140
158	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
157	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
156	Concerted strand exchange and formation of Holliday structures by E. coli RecA protein. <i>Cell</i> , 1981 , 25, 507-16	56.2	120
155	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
154	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
153	Engineered antibodies for molecular imaging of cancer. <i>Methods</i> , 2014 , 65, 139-47	4.6	114
152	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
151	Antibodies for molecular imaging of cancer. <i>Cancer Journal (Sudbury, Mass)</i> , 2008 , 14, 191-7	2.2	111
150	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
149	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
148	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
147	Human T lymphocyte genetic modification with naked DNA. <i>Molecular Therapy</i> , 2000 , 1, 49-55	11.7	94
146	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
145	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
144	First-in-Human Imaging with ⁸⁹ Zr-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
143	PET imaging of colorectal cancer in xenograft-bearing mice by use of an ¹⁸ F-labeled T84.66 anti-carcinoembryonic antigen diabody. <i>Journal of Nuclear Medicine</i> , 2007 , 48, 304-10	8.9	89

142	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
141	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
140	Tailoring antibodies for radionuclide delivery. <i>Expert Opinion on Drug Delivery</i> , 2006 , 3, 53-70	8	82
139	Formation of nascent heteroduplex structures by RecA protein and DNA. <i>Cell</i> , 1982 , 30, 37-44	56.2	82
138	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
137	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
136	Co-stimulatory signaling determines tumor antigen sensitivity and persistence of CAR T cells targeting PSCA+ metastatic prostate cancer. <i>Onc Immunology</i> , 2018 , 7, e1380764	7.2	74
135	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
134	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
133	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
132	Targeting, imaging, and therapy using a humanized antiprostate stem cell antigen (PSCA) antibody. <i>Journal of Immunotherapy</i> , 2007 , 30, 396-405	5	64
131	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
130	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
129	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
128	Humanized radioiodinated minibody for imaging of prostate stem cell antigen-expressing tumors. <i>Clinical Cancer Research</i> , 2008 , 14, 7488-96	12.9	60
127	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
126	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
125	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

124	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
123	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
122	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
121	Neural stem cells as a novel platform for tumor-specific delivery of therapeutic antibodies. <i>PLoS ONE</i> , 2009 , 4, e8314	3.7	54
120	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
119	ImmunoPET using engineered antibody fragments: fluorine-18 labeled diabodies for same-day imaging. <i>Tumor Biology</i> , 2012 , 33, 669-77	2.9	52
118	Engineered CD20-specific primary human cytotoxic T lymphocytes for targeting B-cell malignancy. <i>Cytotherapy</i> , 2003 , 5, 131-8	4.8	51
117	Cys-diabody quantum dot conjugates (immunoQdots) for cancer marker detection. <i>Bioconjugate Chemistry</i> , 2009 , 20, 1474-81	6.3	50
116	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
115	Numerical selection of optimal tumor imaging agents with application to engineered antibodies. <i>Cancer Biotherapy and Radiopharmaceutics</i> , 2001 , 16, 25-35	3.9	50
114	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
113	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
112	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
111	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
110	Positive progress in immunoPET--not just a coincidence. <i>Cancer Biotherapy and Radiopharmaceutics</i> , 2010 , 25, 253-61	3.9	44
109	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
108	Persistence of adoptively transferred T cells with a kinetically engineered IL-2 receptor agonist. <i>Nature Communications</i> , 2020 , 11, 660	17.4	42
107	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

106	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
105	An internet-based "kinetic imaging system" (KIS) for MicroPET. <i>Molecular Imaging and Biology</i> , 2005 , 7, 330-41	3.8	40
104	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
103	Metabolic biotinylation of recombinant antibody by biotin ligase retained in the endoplasmic reticulum. <i>New Biotechnology</i> , 2007 , 24, 283-91		38
102	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
101	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
100	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
99	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
98	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
97	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
96	Improved biodistribution and radioimmunoimaging with poly(ethylene glycol)-DOTA-conjugated anti-CEA diabody. <i>Bioconjugate Chemistry</i> , 2006 , 17, 68-76	6.3	36
95	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
94	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
93	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
92	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
91	Advances in PET Detection of the Antitumor T Cell Response. <i>Advances in Immunology</i> , 2016 , 131, 187-236		32
90	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
89	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

88	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
87	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
86	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
85	Partial cDNA sequence of the gamma subunit of transducin. <i>Biochemical and Biophysical Research Communications</i> , 1984 , 124, 250-5	3.4	26
84	Enhanced immunoPET of ALCAM-positive colorectal carcinoma using site-specific ^{67}Cu -DOTA conjugation. <i>Protein Engineering, Design and Selection</i> , 2014 , 27, 317-24	1.9	25
83	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
82	Aligning physics and physiology: Engineering antibodies for radionuclide delivery. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018 , 61, 693-714	1.9	23
81	Targeting CEA in Pancreas Cancer Xenografts with a Mutated scFv-Fc Antibody Fragment. <i>EJNMMI Research</i> , 2011 , 1, 24	3.6	23
80	Applications of immunoPET: using ^{124}I -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
79	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
78	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
77	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
76	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
75	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
74	Microfluidic-based ^{18}F -labeling of biomolecules for immuno-positron emission tomography. <i>Molecular Imaging</i> , 2011 , 10, 168-76, 1-7	3.7	21
73	Dual-Modality ImmunoPET/Fluorescence Imaging of Prostate Cancer with an Anti-PSCA Cys-Minibody. <i>Theranostics</i> , 2018 , 8, 5903-5914	12.1	21
72	Microfluidic-Based ^{18}F -Labeling of Biomolecules for Immuno-Positron Emission Tomography. <i>Molecular Imaging</i> , 2011 , 10, 7290.2010.00043	3.7	20
71	Immune Modulation Therapy and Imaging: Workshop Report. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 410-417	8.17	19

70	Current and Future Imaging Methods for Evaluating Response to Immunotherapy in Neuro-Oncology. <i>Theranostics</i> , 2019 , 9, 5085-5104	12.1	19
69	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
68	Endocytosis and intracellular trafficking properties of transferrin-conjugated block copolyptide vesicles. <i>Biomacromolecules</i> , 2013 , 14, 1458-64	6.9	19
67	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
66	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
65	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
64	Dual transcript and protein quantification in a massive single cell array. <i>Lab on A Chip</i> , 2016 , 16, 3682-8	7.2	17
63	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
62	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
61	A fully human scFv phage display library for rapid antibody fragment reformatting. <i>Protein Engineering, Design and Selection</i> , 2015 , 28, 307-16	1.9	15
60	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
59	Engineering multivalent antibody fragments for in vivo targeting. <i>Methods in Molecular Biology</i> , 2004 , 248, 209-25	1.4	15
58	Figures of merit (FOMs) for imaging and therapy using monoclonal antibodies. <i>Medical Physics</i> , 1995 , 22, 2025-7	4.4	15
57	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
56	Minibodies and Multimodal Chromatography Methods: A Convergence of Challenge and Opportunity 2010 , 8, 26-35		14
55	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
54	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
53	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

52	Molecular Imaging Probe Development using Microfluidics. <i>Current Organic Synthesis</i> , 2011 , 8, 473-487	1.9	12
51	Cross-Link-Functionalized Nanoparticles for Rapid Excretion in Nanotheranostic Applications. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20552-20560	16.4	12
50	Rates and equilibria for probe capture by an antibody with infinite affinity. <i>Bioconjugate Chemistry</i> , 2010 , 21, 784-91	6.3	11
49	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
48	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
47	Protein targeting constructs in alpha therapy. <i>Current Radiopharmaceuticals</i> , 2011 , 4, 197-213	1.8	11
46	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
45	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
44	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
43	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
42	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
41	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
40	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
39	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
38	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
37	Evaluation of two internalizing carcinoembryonic antigen reporter genes for molecular imaging. <i>Molecular Imaging and Biology</i> , 2011 , 13, 526-535	3.8	8
36	A differential cell capture assay for evaluating antibody interactions with cell surface targets. <i>Analytical Biochemistry</i> , 2010 , 401, 173-81	3.1	8
35	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

34	Genotype and phenotype: a practical approach to the immunogenetic analysis of lymphoproliferative disorders. <i>Human Pathology</i> , 1990 , 21, 1132-41	3.7	8
33	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
32	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
31	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
30	Expression of recombinant antibodies in mammalian cell lines. <i>Methods in Molecular Biology</i> , 2004 , 248, 255-68	1.4	6
29	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
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