

# Steve R Roffler

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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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.

137  
papers

4,311  
citations

36  
h-index

58  
g-index

141  
ext. papers

4,847  
ext. citations

7.6  
avg. IF

5.11  
L-index

#	Paper	IF	Citations
137	The interplay between membrane topology and mechanical forces in regulating T cell receptor activity.. <i>Communications Biology</i> , <b>2022</b> , 5, 40	6.7	2
136	Translational development of a tumor junction opening technology.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7753	4.9	0
135	Impact of anti-PEG antibody affinity on accelerated blood clearance of pegylated epoetin beta in mice. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 146, 112502	7.5	2
134	Entropy-driven binding of gut bacterial $\beta$ -glucuronidase inhibitors ameliorates irinotecan-induced toxicity. <i>Communications Biology</i> , <b>2021</b> , 4, 280	6.7	4
133	Replacement of L-amino acid peptides with D-amino acid peptides mitigates anti-PEG antibody generation against polymer-peptide conjugates in mice. <i>Journal of Controlled Release</i> , <b>2021</b> , 331, 142-153	11.7	10
132	Flow cytometry analysis of anti-polyethylene glycol antibodies in human plasma. <i>Toxicology Reports</i> , <b>2021</b> , 8, 148-154	4.8	6
131	Polyethylene Glycol Immunogenicity: Theoretical, Clinical, and Practical Aspects of Anti-Polyethylene Glycol Antibodies. <i>ACS Nano</i> , <b>2021</b> , 15, 14022-14048	16.7	25
130	Double attack strategy for leukemia using a pre-targeting bispecific antibody (CD20 Ab-mPEG scFv) and actively attracting PEGylated liposomal doxorubicin to enhance anti-tumor activity. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 16	9.4	5
129	Bispecific antibody (HER2 $\alpha$ -mPEG) enhances anti-cancer effects by precise targeting and accumulation of mPEGylated liposomes. <i>Acta Biomaterialia</i> , <b>2020</b> , 111, 386-397	10.8	5
128	Premature Drug Release from Polyethylene Glycol (PEG)-Coated Liposomal Doxorubicin Formation of the Membrane Attack Complex. <i>ACS Nano</i> , <b>2020</b> , 14, 7808-7822	16.7	31
127	PEGylated Liposomal Methyl Prednisolone Succinate does not Induce Infusion Reactions in Patients: A Correlation Between in Vitro Immunological and in Vivo Clinical Studies. <i>Molecules</i> , <b>2020</b> , 25,	4.8	3
126	Structural basis of polyethylene glycol recognition by antibody. <i>Journal of Biomedical Science</i> , <b>2020</b> , 27, 12	13.3	11
125	Simply Mixing Poly Protein G with Detection Antibodies Enhances the Detection Limit and Sensitivity of Immunoassays. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 8310-8317	7.8	3
124	Doxebo (doxorubicin-free Doxil-like liposomes) is safe to use as a pre-treatment to prevent infusion reactions to PEGylated nanodrugs. <i>Journal of Controlled Release</i> , <b>2019</b> , 306, 138-148	11.7	25
123	Enhanced drug internalization and therapeutic efficacy of PEGylated nanoparticles by one-step formulation with anti-mPEG bispecific antibody in intrinsic drug-resistant breast cancer. <i>Biomaterials Science</i> , <b>2019</b> , 7, 3404-3417	7.4	15
122	Both IgM and IgG Antibodies Against Polyethylene Glycol Can Alter the Biological Activity of Methoxy Polyethylene Glycol-Epoetin Beta in Mice. <i>Pharmaceutics</i> , <b>2019</b> , 12,	6.4	10
121	High-Affinity Ligands Can Trigger T Cell Receptor Signaling Without CD45 Segregation. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 713	8.4	10

120	Reversible glycosidic switch for secure delivery of molecular nanocargos. <i>Nature Communications</i> , <b>2018</b> , 9, 1843	17.4	6
119	Pre-existing anti-polyethylene glycol antibody reduces the therapeutic efficacy and pharmacokinetics of PEGylated liposomes. <i>Theranostics</i> , <b>2018</b> , 8, 3164-3175	12.1	50
118	Transient AID expression for in situ mutagenesis with improved cellular fitness. <i>Scientific Reports</i> , <b>2018</b> , 8, 9413	4.9	5
117	Enhancement Effect of a Variable Topology of a Membrane-Tethered Anti-Poly(ethylene glycol) Antibody on the Sensitivity for Quantifying PEG and PEGylated Molecules. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 6082-6090	7.8	7
116	Conditional internalization of PEGylated nanomedicines by PEG engagers for triple negative breast cancer therapy. <i>Nature Communications</i> , <b>2017</b> , 8, 15507	17.4	36
115	A genome-wide association study identifies a novel susceptibility locus for the immunogenicity of polyethylene glycol. <i>Nature Communications</i> , <b>2017</b> , 8, 522	17.4	37
114	Endothelial SCUBE2 Interacts With VEGFR2 and Regulates VEGF-Induced Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2017</b> , 37, 144-155	9.4	19
113	The Affinity of Elongated Membrane-Tethered Ligands Determines Potency of T Cell Receptor Triggering. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 793	8.4	13
112	Anti-PEG antibodies alter the mobility and biodistribution of densely PEGylated nanoparticles in mucus. <i>Acta Biomaterialia</i> , <b>2016</b> , 43, 61-70	10.8	40
111	Optimization of an Anti-poly(ethylene glycol) (anti-PEG) Cell-Based Capture System To Quantify PEG and PEGylated Molecules. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 12371-12379	7.8	11
110	Reloadable multidrug capturing delivery system for targeted ischemic disease treatment. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 365ra160	17.5	11
109	Measurement of Pre-Existing IgG and IgM Antibodies against Polyethylene Glycol in Healthy Individuals. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 10661-10666	7.8	78
108	Synthesis and Antitumor Properties of BQC-Glucuronide, a Camptothecin Prodrug for Selective Tumor Activation. <i>Molecular Pharmaceutics</i> , <b>2016</b> , 13, 1242-50	5.6	19
107	Engineering Chimeric Receptors To Investigate the Size- and Rigidity-Dependent Interaction of PEGylated Nanoparticles with Cells. <i>ACS Nano</i> , <b>2016</b> , 10, 648-62	16.7	24
106	A HLA-A2-restricted CTL epitope induces anti-tumor effects against human lung cancer in mouse xenograft model. <i>Oncotarget</i> , <b>2016</b> , 7, 671-83	3.3	5
105	A Secondary Antibody-Detecting Molecular Weight Marker with Mouse and Rabbit IgG Fc Linear Epitopes for Western Blot Analysis. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160418	3.7	8
104	Display of GPI-anchored anti-EGFR nanobodies on extracellular vesicles promotes tumour cell targeting. <i>Journal of Extracellular Vesicles</i> , <b>2016</b> , 5, 31053	16.4	190
103	Using anti-poly(ethylene glycol) bioparticles for the quantitation of PEGylated nanoparticles. <i>Scientific Reports</i> , <b>2016</b> , 6, 39119	4.9	6

102	Chimeric peptide containing both B and T cells epitope of tumor-associated antigen L6 enhances anti-tumor effects in HLA-A2 transgenic mice. <i>Cancer Letters</i> , <b>2016</b> , 377, 126-33	9.9	9
101	Selective Delivery of PEGylated Compounds to Tumor Cells by Anti-PEG Hybrid Antibodies. <i>Molecular Cancer Therapeutics</i> , <b>2015</b> , 14, 1317-26	6.1	27
100	Toward reducing immunogenicity of enzyme replacement therapy: altering the specificity of human $\beta$ glucuronidase to compensate for $\beta$ glucuronidase deficiency. <i>Protein Engineering, Design and Selection</i> , <b>2015</b> , 28, 519-29	1.9	9
99	Disruption of Scube2 Impairs Endochondral Bone Formation. <i>Journal of Bone and Mineral Research</i> , <b>2015</b> , 30, 1255-67	6.3	22
98	Effect of Cellular Location of Human Carboxylesterase 2 on CPT-11 Hydrolysis and Anticancer Activity. <i>PLoS ONE</i> , <b>2015</b> , 10, e0141088	3.7	10
97	Label-free detection of rare cell in human blood using gold nano slit surface plasmon resonance. <i>Biosensors</i> , <b>2015</b> , 5, 98-117	5.9	21
96	Discovery of specific inhibitors for intestinal E. coli $\beta$ glucuronidase through in silico virtual screening. <i>Scientific World Journal, The</i> , <b>2015</b> , 2015, 740815	2.2	10
95	Preclinical safety and efficacy studies with an affinity-enhanced epithelial junction opener and PEGylated liposomal doxorubicin. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2015</b> , 2, 15005	6.4	17
94	Impediments to enhancement of CPT-11 anticancer activity by E. coli directed beta-glucuronidase therapy. <i>PLoS ONE</i> , <b>2015</b> , 10, e0118028	3.7	5
93	Development of an Anti-Methoxy Poly(ethylene glycol) (mPEG) Cell-Based Capture System to Measure mPEG and mPEGylated Molecules. <i>Macromolecules</i> , <b>2014</b> , 47, 6880-6888	5.5	6
92	Clearance kinetics of biomaterials affects stem cell retention and therapeutic efficacy. <i>Biomacromolecules</i> , <b>2014</b> , 15, 564-73	6.9	6
91	Versatile online SPE-HPLC method for the analysis of Irinotecan and its clinically relevant metabolites in biomaterials. <i>Journal of Separation Science</i> , <b>2014</b> , 37, 360-7	3.4	9
90	Inhibition of the plasma SCUBE1, a novel platelet adhesive protein, protects mice against thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 1390-8	9.4	18
89	PET imaging of $\beta$ glucuronidase activity by an activity-based $^{124}\text{I}$ -trapping probe for the personalized glucuronide prodrug targeted therapy. <i>Molecular Cancer Therapeutics</i> , <b>2014</b> , 13, 2852-63	6.1	14
88	One-step mixing with humanized anti-mPEG bispecific antibody enhances tumor accumulation and therapeutic efficacy of mPEGylated nanoparticles. <i>Biomaterials</i> , <b>2014</b> , 35, 9930-9940	15.6	34
87	Mimicking the germinal center reaction in hybridoma cells to isolate temperature-selective anti-PEG antibodies. <i>MAbs</i> , <b>2014</b> , 6, 1069-83	6.6	7
86	High-throughput sorting of the highest producing cell via a transiently protein-anchored system. <i>PLoS ONE</i> , <b>2014</b> , 9, e102569	3.7	7
85	Sensitivity of PEGylated interferon detection by anti-polyethylene glycol (PEG) antibodies depends on PEG length. <i>Bioconjugate Chemistry</i> , <b>2013</b> , 24, 1408-13	6.3	11

84	A recombinant scFv-FasLext as a targeting cytotoxic agent against human Jurkat-Ras cancer. <i>Journal of Biomedical Science</i> , <b>2013</b> , 20, 16	13.3	7
83	Selective cancer therapy by extracellular activation of a highly potent glycosidic duocarmycin analogue. <i>Molecular Pharmaceutics</i> , <b>2013</b> , 10, 1773-82	5.6	18
82	The B7-1 cytoplasmic tail enhances intracellular transport and mammalian cell surface display of chimeric proteins in the absence of a linear ER export motif. <i>PLoS ONE</i> , <b>2013</b> , 8, e75084	3.7	12
81	ECSTASY, an adjustable membrane-tethered/soluble protein expression system for the directed evolution of mammalian proteins. <i>Protein Engineering, Design and Selection</i> , <b>2012</b> , 25, 367-75	1.9	11
80	A regularly spaced and self-revealing protein ladder for anti-tag Western blot analysis. <i>Analytical Biochemistry</i> , <b>2012</b> , 431, 1-3	3.1	6
79	An activity-based near-infrared glucuronide trapping probe for imaging $\beta$ glucuronidase expression in deep tissues. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 3103-10	16.4	65
78	Analytical measurement of PEGylated molecules. <i>Bioconjugate Chemistry</i> , <b>2012</b> , 23, 881-99	6.3	89
77	Coadministration of epithelial junction opener JO-1 improves the efficacy and safety of chemotherapeutic drugs. <i>Clinical Cancer Research</i> , <b>2012</b> , 18, 3340-51	12.9	45
76	Cancer immunotherapy using a membrane-bound interleukin-12 with B7-1 transmembrane and cytoplasmic domains. <i>Molecular Therapy</i> , <b>2012</b> , 20, 927-37	11.7	25
75	In vivo positron emission tomography imaging of protease activity by generation of a hydrophobic product from a noninhibitory protease substrate. <i>Clinical Cancer Research</i> , <b>2012</b> , 18, 238-47	12.9	21
74	A novel HLA-A2-restricted CTL epitope of tumor-associated antigen L6 can inhibit tumor growth in vivo. <i>Journal of Immunotherapy</i> , <b>2012</b> , 35, 235-44	5	15
73	Enhancement of CPT-11 antitumor activity by adenovirus-mediated expression of $\beta$ glucuronidase in tumors. <i>Cancer Gene Therapy</i> , <b>2011</b> , 18, 381-9	5.4	19
72	Adenovirus-mediated intratumoral expression of immunostimulatory proteins in combination with systemic Treg inactivation induces tumor-destructive immune responses in mouse models. <i>Cancer Gene Therapy</i> , <b>2011</b> , 18, 407-18	5.4	19
71	A humanized immunoenzyme with enhanced activity for glucuronide prodrug activation in the tumor microenvironment. <i>Bioconjugate Chemistry</i> , <b>2011</b> , 22, 938-48	6.3	17
70	Immuno-therapy with anti-CTLA4 antibodies in tolerized and non-tolerized mouse tumor models. <i>PLoS ONE</i> , <b>2011</b> , 6, e22303	3.7	12
69	Cutting Edge: mechanical forces acting on T cells immobilized via the TCR complex can trigger TCR signaling. <i>Journal of Immunology</i> , <b>2010</b> , 184, 5959-63	5.3	154
68	Development of a universal anti-polyethylene glycol reporter gene for noninvasive imaging of PEGylated probes. <i>Journal of Nuclear Medicine</i> , <b>2010</b> , 51, 933-41	8.9	28
67	Treatment of hepatocellular carcinoma with adeno-associated virus encoding interleukin-15 superagonist. <i>Human Gene Therapy</i> , <b>2010</b> , 21, 611-21	4.8	34

66	Endocytosis of PEGylated agents enhances cancer imaging and anticancer efficacy. <i>Molecular Cancer Therapeutics</i> , <b>2010</b> , 9, 1903-12	6.1	30
65	Measurement of poly(ethylene glycol) by cell-based anti-poly(ethylene glycol) ELISA. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 2355-62	7.8	24
64	Sensitive quantification of PEGylated compounds by second-generation anti-poly(ethylene glycol) monoclonal antibodies. <i>Bioconjugate Chemistry</i> , <b>2010</b> , 21, 1264-70	6.3	70
63	Transgenic expression of single-chain anti-CTLA-4 Fv on beta cells protects nonobese diabetic mice from autoimmune diabetes. <i>Journal of Immunology</i> , <b>2009</b> , 183, 2277-85	5.3	21
62	Micro-PET imaging of beta-glucuronidase activity by the hydrophobic conversion of a glucuronide probe. <i>Radiology</i> , <b>2009</b> , 252, 754-62	20.5	16
61	Antiangiogenesis targeting tumor microenvironment synergizes glucuronide prodrug antitumor activity. <i>Clinical Cancer Research</i> , <b>2009</b> , 15, 4600-11	12.9	42
60	Tumor-localized ligation of CD3 and CD28 with systemic regulatory T-cell depletion induces potent innate and adaptive antitumor responses. <i>Clinical Cancer Research</i> , <b>2009</b> , 15, 2756-66	12.9	9
59	Local enzymatic hydrolysis of an endogenously generated metabolite can enhance CPT-11 anticancer efficacy. <i>Molecular Cancer Therapeutics</i> , <b>2009</b> , 8, 940-6	6.1	17
58	In situ adenovirus vaccination engages T effector cells against cancer. <i>Vaccine</i> , <b>2009</b> , 27, 4225-39	4.1	40
57	CD44v6 dependence of premetastatic niche preparation by exosomes. <i>Neoplasia</i> , <b>2009</b> , 11, 1093-105	6.4	273
56	Tumor-targeting prodrug-activating bacteria for cancer therapy. <i>Cancer Gene Therapy</i> , <b>2008</b> , 15, 393-401	5.4	58
55	In vitro and in vivo properties of adenovirus vectors with increased affinity to CD46. <i>Journal of Virology</i> , <b>2008</b> , 82, 10567-79	6.6	50
54	Membrane-tethered proteins for basic research, imaging, and therapy. <i>Medicinal Research Reviews</i> , <b>2008</b> , 28, 885-928	14.4	19
53	Directed evolution of a lysosomal enzyme with enhanced activity at neutral pH by mammalian cell-surface display. <i>Chemistry and Biology</i> , <b>2008</b> , 15, 1277-86		26
52	Identification of CD46 binding sites within the adenovirus serotype 35 fiber knob. <i>Journal of Virology</i> , <b>2007</b> , 81, 12785-92	6.6	64
51	Membrane-localized activation of glucuronide prodrugs by beta-glucuronidase enzymes. <i>Cancer Gene Therapy</i> , <b>2007</b> , 14, 187-200	5.4	42
50	Gene expression imaging by enzymatic catalysis of a fluorescent probe via membrane-anchored beta-glucuronidase. <i>Gene Therapy</i> , <b>2007</b> , 14, 565-74	4	27
49	Effect of pH and human serum albumin on the cytotoxicity of a glucuronide prodrug of 9-aminocamptothecin. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2007</b> , 60, 7-17	3.5	10

48	Combination of tumor site-located CTL-associated antigen-4 blockade and systemic regulatory T-cell depletion induces tumor-destructive immune responses. <i>Cancer Research</i> , <b>2007</b> , 67, 5929-39	10.1	79
47	Flow cytometric analysis of DNA binding and cleavage by cell surface-displayed homing endonucleases. <i>Nucleic Acids Research</i> , <b>2007</b> , 35, 2748-58	20.1	23
46	Combination cancer therapy by hapten-targeted prodrug-activating enzymes and cytokines. <i>Bioconjugate Chemistry</i> , <b>2006</b> , 17, 707-14	6.3	13
45	Anti-EphA2 antibodies decrease EphA2 protein levels in murine CT26 colorectal and human MDA-231 breast tumors but do not inhibit tumor growth. <i>Neoplasia</i> , <b>2006</b> , 8, 18-30	6.4	33
44	A membrane antibody receptor for noninvasive imaging of gene expression. <i>Gene Therapy</i> , <b>2006</b> , 13, 412-20	4	22
43	Monoclonal antibody-based quantitation of poly(ethylene glycol)-derivatized proteins, liposomes, and nanoparticles. <i>Bioconjugate Chemistry</i> , <b>2005</b> , 16, 1225-31	6.3	70
42	CD13 (aminopeptidase N) can associate with tumor-associated antigen L6 and enhance the motility of human lung cancer cells. <i>International Journal of Cancer</i> , <b>2005</b> , 116, 243-52	7.5	64
41	Prognosis of non-small cell lung cancer patients by detecting circulating cancer cells in the peripheral blood with multiple marker genes. <i>Clinical Cancer Research</i> , <b>2005</b> , 11, 173-9	12.9	69
40	Surfection: a new platform for transfected cell arrays. <i>Nucleic Acids Research</i> , <b>2004</b> , 32, e33	20.1	51
39	The immunization site of cytokine-secreting tumor cell vaccines influences the trafficking of tumor-specific T lymphocytes and antitumor efficacy against regional tumors. <i>Journal of Immunology</i> , <b>2004</b> , 173, 6025-32	5.3	23
38	Hapten-directed targeting to single-chain antibody receptors. <i>Cancer Gene Therapy</i> , <b>2004</b> , 11, 380-8	5.4	16
37	A simple method for the production of recombinant proteins from mammalian cells. <i>Biotechnology and Applied Biochemistry</i> , <b>2004</b> , 40, 167-72	2.8	14
36	Anti-tumor immunoglobulin M increases lung metastasis in an experimental model of malignant melanoma. <i>Clinical and Experimental Metastasis</i> , <b>2003</b> , 20, 103-9	4.7	3
35	Stability of the new prodrug 9-aminocamptothecin glucuronide (9ACG) in the presence of human serum albumin. <i>Biochemical Pharmacology</i> , <b>2003</b> , 66, 1181-7	6	17
34	Stable expression of chimeric anti-CD3 receptors on mammalian cells for stimulation of antitumor immunity. <i>Cancer Gene Therapy</i> , <b>2003</b> , 10, 779-90	5.4	20
33	Anti-4-1BB-based immunotherapy for autoimmune diabetes: lessons from a transgenic non-obese diabetic (NOD) model. <i>Journal of Autoimmunity</i> , <b>2003</b> , 21, 247-54	15.5	32
32	Antitumor and antimetastatic activity of IL-23. <i>Journal of Immunology</i> , <b>2003</b> , 171, 600-7	5.3	151
31	Tumor-associated antigen L6 and the invasion of human lung cancer cells. <i>Clinical Cancer Research</i> , <b>2003</b> , 9, 2807-16	12.9	52



30	Anti-tumour activity and toxicity of the new prodrug 9-aminocamptothecin glucuronide (9ACG) in mice. <i>British Journal of Cancer</i> , <b>2002</b> , 86, 1634-8	8.7	30
29	Enzyme-activated Prodrug Therapy Enhances Tumor-specific Replication of Adenovirus Vectors. <i>Cancer Research</i> , <b>2002</b> , 62, 6089-98	10.1	43
28	Potential of antitumor immunity by antibody-directed enzyme prodrug therapy. <i>International Journal of Cancer</i> , <b>2001</b> , 94, 850-8	7.5	22
27	Design of transgenes for efficient expression of active chimeric proteins on mammalian cells. <i>Biotechnology and Bioengineering</i> , <b>2001</b> , 73, 313-23	4.9	25
26	Sensitive measurement of polyethylene glycol-modified proteins. <i>BioTechniques</i> , <b>2001</b> , 30, 396-402	2.5	25
25	Activation of lymphocytes by anti-CD3 single-chain antibody dimers expressed on the plasma membrane of tumor cells. <i>Gene Therapy</i> , <b>2000</b> , 7, 339-47	4	29
24	Elevated topoisomerase I activity in cervical cancer as a target for chemoradiation therapy. <i>Gynecologic Oncology</i> , <b>2000</b> , 79, 272-80	4.9	15
23	Presence of cloning vector sequences in the untranslated region of some genes in Genbank. <i>Journal of Biomedical Science</i> , <b>2000</b> , 7, 529-30	13.3	
22	Protein 4.1R binding to eIF3-p44 suggests an interaction between the cytoskeletal network and the translation apparatus. <i>Blood</i> , <b>2000</b> , 96, 747-753	2.2	29
21	Efficient clearance of poly(ethylene glycol)-modified immunoenzyme with anti-PEG monoclonal antibody for prodrug cancer therapy. <i>Bioconjugate Chemistry</i> , <b>2000</b> , 11, 258-66	6.3	51
20	Characterization of A Tumor-Specific Antigen Expressing on Chang Hepatoma Ascites Cells.. <i>Acta Histochemica Et Cytochemica</i> , <b>2000</b> , 33, 367-375	1.9	
19	Activation of phospholipase C delta1 through C2 domain by a Ca(2+)-enzyme-phosphatidylserine ternary complex. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 21995-2001	5.4	67
18	Bystander killing of tumour cells by antibody-targeted enzymatic activation of a glucuronide prodrug. <i>British Journal of Cancer</i> , <b>1999</b> , 79, 1378-85	8.7	40
17	Characterization of an antineoplastic glucuronide prodrug. <i>Biochemical Pharmacology</i> , <b>1999</b> , 58, 325-8	6	22
16	Expression of chimeric monomer and dimer proteins on the plasma membrane of mammalian cells. <i>Biotechnology and Bioengineering</i> , <b>1999</b> , 65, 160-9	4.9	38
15	Accelerated clearance of polyethylene glycol-modified proteins by anti-polyethylene glycol IgM. <i>Bioconjugate Chemistry</i> , <b>1999</b> , 10, 520-8	6.3	124
14	A chelating agent possessing cytotoxicity and antimicrobial activity: 7-morpholinomethyl-8-hydroxyquinoline. <i>Life Sciences</i> , <b>1999</b> , 64, 813-25	6.8	32
13	Design and synthesis of water-soluble glucuronide derivatives of camptothecin for cancer prodrug monotherapy and antibody-directed enzyme prodrug therapy (ADEPT). <i>Journal of Medicinal Chemistry</i> , <b>1999</b> , 42, 3623-8	8.3	71



12	Detection of alphafetoprotein-expressing cells in the blood of patients with hepatoma and hepatitis. <i>British Journal of Cancer</i> , <b>1997</b> , 75, 928-33	8.7	20
11	Poly(ethylene glycol) modification of beta-glucuronidase-antibody conjugates for solid-tumor therapy by targeted activation of glucuronide prodrugs. <i>Cancer Immunology, Immunotherapy</i> , <b>1997</b> , 44, 305-15	7.4	43
10	Cure of malignant ascites and generation of protective immunity by monoclonal antibody-targeted activation of a glucuronide prodrug in rats. <i>International Journal of Cancer</i> , <b>1997</b> , 73, 392-402	7.5	23
9	Cure of malignant ascites and generation of protective immunity by monoclonal antibody-targeted activation of a glucuronide prodrug in rats <b>1997</b> , 73, 392		1
8	Cytotoxicity and antimicrobial activity of some naphthol derivatives. <i>Archiv Der Pharmazie</i> , <b>1995</b> , 328, 197-201	4.3	18
7	Characterization of mullerian inhibiting substance binding on cervical carcinoma cells demonstrated by immunocytochemistry. <i>Tissue and Cell</i> , <b>1994</b> , 26, 467-76	2.7	5
6	Localization and therapy of human cervical tumor xenografts with radiolabeled monoclonal antibody 1H10. <i>Gynecologic Oncology</i> , <b>1992</b> , 47, 93-101	4.9	
5	Doxorubicin: monoclonal antibody conjugate for therapy of human cervical carcinoma. <i>International Journal of Cancer</i> , <b>1992</b> , 51, 274-82	7.5	27
4	Anti-neoplastic glucuronide prodrug treatment of human tumor cells targeted with a monoclonal antibody-enzyme conjugate. <i>Biochemical Pharmacology</i> , <b>1991</b> , 42, 2062-5	6	64
3	In situ extractive fermentation of acetone and butanol. <i>Biotechnology and Bioengineering</i> , <b>1988</b> , 31, 135-43	4.3	105
2	Extractive Fermentation of Acetone and Butanol: Process Design and Economic Evaluation. <i>Biotechnology Progress</i> , <b>1987</b> , 3, 131-140	2.8	81
1	In situ recovery of fermentation products. <i>Trends in Biotechnology</i> , <b>1984</b> , 2, 129-136	15.1	100