

# Ira Pastan

## List of Publications by Year in descending order

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405  
papers

28,439  
citations

4383

86  
h-index

7511

151  
g-index

406  
all docs

406  
docs citations

406  
times ranked

16264  
citing authors

#	ARTICLE	IF	CITATIONS
1	BIOCHEMICAL, CELLULAR, AND PHARMACOLOGICAL ASPECTS OF THE MULTIDRUG TRANSPORTER. Annual Review of Pharmacology and Toxicology, 1999, 39, 361-398.	4.2	1,940
2	Control of large, established tumor xenografts with genetically retargeted human T cells containing CD28 and CD137 domains. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3360-3365.	3.3	758
3	Efficacy of the Anti-CD22 Recombinant Immunotoxin BL22 in Chemotherapy-Resistant Hairy-Cell Leukemia. New England Journal of Medicine, 2001, 345, 241-247.	13.9	509
4	Immunotoxin therapy of cancer. Nature Reviews Cancer, 2006, 6, 559-565.	12.8	475
5	Functional domains of pseudomonas exotoxin identified by deletion analysis of the gene expressed in E. coli. Cell, 1987, 48, 129-136.	13.5	460
6	Isolation and genetic characterization of human KB cell lines resistant to multiple drugs. Somatic Cell and Molecular Genetics, 1985, 11, 117-126.	0.7	446
7	A recombinant immunotoxin consisting of two antibody variable domains fused to Pseudomonas exotoxin. Nature, 1989, 339, 394-397.	13.7	435
8	Phase I Trial of Recombinant Immunotoxin Anti-Tac(Fv)-PE38 (LMB-2) in Patients With Hematologic Malignancies. Journal of Clinical Oncology, 2000, 18, 1622-1636.	0.8	416
9	Mesothelin. Clinical Cancer Research, 2004, 10, 3937-3942.	3.2	394
10	Phase I Study of SS1P, a Recombinant Anti-Mesothelin Immunotoxin Given as a Bolus I.V. Infusion to Patients with Mesothelin-Expressing Mesothelioma, Ovarian, and Pancreatic Cancers. Clinical Cancer Research, 2007, 13, 5144-5149.	3.2	351
11	Immunotoxin Treatment of Cancer*. Annual Review of Medicine, 2007, 58, 221-237.	5.0	340
12	Recombinant Toxins as Novel Therapeutic Agents. Annual Review of Biochemistry, 1992, 61, 331-354.	5.0	328
13	Mesothelin-MUC16 binding is a high affinity, N-glycan dependent interaction that facilitates peritoneal metastasis of ovarian tumors. Molecular Cancer, 2006, 5, 50.	7.9	325
14	Recombinant toxins for cancer treatment. Science, 1991, 254, 1173-1177.	6.0	298
15	Human epidermal growth factor receptor cDNA is homologous to a variety of RNAs overproduced in A431 carcinoma cells. Nature, 1984, 309, 806-810.	13.7	294
16	Phase I Trial of Anti-CD22 Recombinant Immunotoxin Moxetumomab Pasudotox (CAT-8015 or HA22) in Patients With Hairy Cell Leukemia. Journal of Clinical Oncology, 2012, 30, 1822-1828.	0.8	287
17	Selective killing of HIV-infected cells by recombinant human CD4-Pseudomonas exotoxin hybrid protein. Nature, 1988, 335, 369-372.	13.7	266
18	Phase I Trial of Recombinant Immunotoxin RFB4(dsFv)-PE38 (BL22) in Patients With B-Cell Malignancies. Journal of Clinical Oncology, 2005, 23, 6719-6729.	0.8	262

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19	Detection and Quantitation of Serum Mesothelin, a Tumor Marker for Patients with Mesothelioma and Ovarian Cancer. <i>Clinical Cancer Research</i> , 2006, 12, 447-453.	3.2	256
20	Amines inhibit the clustering of $\beta_2$ -macroglobulin and EGF on the fibroblast cell surface. <i>Nature</i> , 1979, 277, 661-663.	13.7	250
21	Human P-Glycoprotein Exhibits Reduced Affinity for Substrates during a Catalytic Transition State. <i>Biochemistry</i> , 1998, 37, 5010-5019.	1.2	245
22	Lac DNA, RNA Polymerase and Cyclic AMP Receptor Protein, Cyclic AMP, Lac Repressor and Inducer are the Essential Elements for Controlled Lac Transcription. <i>Nature: New Biology</i> , 1971, 231, 139-142.	4.5	244
23	Mesothelin Immunotherapy for Cancer: Ready for Prime Time?. <i>Journal of Clinical Oncology</i> , 2016, 34, 4171-4179.	0.8	244
24	Improving antibody affinity by mimicking somatic hypermutation in vitro. <i>Nature Biotechnology</i> , 1999, 17, 568-572.	9.4	238
25	Isolation and characterization of a monoclonal antibody, K1, reactive with ovarian cancers and normal mesothelium. <i>International Journal of Cancer</i> , 1992, 50, 373-381.	2.3	227
26	Genetic Engineering of Glomerular Sclerosis in the Mouse via Control of Onset and Severity of Podocyte-Specific Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 1013-1023.	3.0	225
27	Progress report of a Phase I study of the intracerebral microinfusion of a recombinant chimeric protein composed of transforming growth factor (TGF)-alpha and a mutated form of the <i>Pseudomonas</i> exotoxin termed PE-38 (TP-38) for the treatment of malignant brain tumors. <i>Journal of Neuro-Oncology</i> , 2003, 65, 27-35.	1.4	222
28	ATP-binding properties of P glycoprotein from multidrug-resistant KB cells. <i>FASEB Journal</i> , 1987, 1, 51-54.	0.2	209
29	Phase I Trial of Continuous Infusion Anti-Mesothelin Recombinant Immunotoxin SS1P. <i>Clinical Cancer Research</i> , 2009, 15, 5274-5279.	3.2	209
30	A guide to taming a toxin—recombinant immunotoxins constructed from <i>Pseudomonas</i> exotoxin A for the treatment of cancer. <i>FEBS Journal</i> , 2011, 278, 4683-4700.	2.2	209
31	Phase II Trial of Recombinant Immunotoxin RFB4(dsFv)-PE38 (BL22) in Patients With Hairy Cell Leukemia. <i>Journal of Clinical Oncology</i> , 2009, 27, 2983-2990.	0.8	208
32	Treatment of advanced solid tumors with immunotoxin LMB-1: An antibody linked to <i>Pseudomonas</i> exotoxin. <i>Nature Medicine</i> , 1996, 2, 350-353.	15.2	206
33	Discovery of Mesothelin and Exploiting It as a Target for Immunotherapy. <i>Cancer Research</i> , 2014, 74, 2907-2912.	0.4	204
34	Antibody Fusion Proteins: Anti-CD22 Recombinant Immunotoxin Moxetumomab Pasudotox. <i>Clinical Cancer Research</i> , 2011, 17, 6398-6405.	3.2	201
35	Mesothelin Is Not Required for Normal Mouse Development or Reproduction. <i>Molecular and Cellular Biology</i> , 2000, 20, 2902-2906.	1.1	198
36	Major Cancer Regressions in Mesothelioma After Treatment with an Anti-Mesothelin Immunotoxin and Immune Suppression. <i>Science Translational Medicine</i> , 2013, 5, 208ra147.	5.8	198

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37	Phase I Clinical Trial of the Chimeric Anti-Mesothelin Monoclonal Antibody MORAb-009 in Patients with Mesothelin-Expressing Cancers. <i>Clinical Cancer Research</i> , 2010, 16, 6132-6138.	3.2	190
38	Moxetumomab pasudotox in relapsed/refractory hairy cell leukemia. <i>Leukemia</i> , 2018, 32, 1768-1777.	3.3	184
39	Intracerebral infusion of an EGFR-targeted toxin in recurrent malignant brain tumors. <i>Neuro-Oncology</i> , 2008, 10, 320-329.	0.6	179
40	A protease-resistant immunotoxin against CD22 with greatly increased activity against CLL and diminished animal toxicity. <i>Blood</i> , 2009, 113, 3792-3800.	0.6	174
41	Regulation of Cell Motility by Cyclic AMP. <i>Nature</i> , 1972, 235, 54-56.	13.7	170
42	The visualization of fluorescent proteins in living cells by video intensification microscopy (VIM). <i>Cell</i> , 1978, 13, 501-507.	13.5	168
43	Effects of Calcium on ACTH Stimulation of the Adrenal: Separation of Hormone Binding from Adenyl Cyclase Activation. <i>Nature</i> , 1970, 228, 864-866.	13.7	166
44	Administration of a CD25-Directed Immunotoxin, LMB-2, to Patients with Metastatic Melanoma Induces a Selective Partial Reduction in Regulatory T Cells In Vivo. <i>Journal of Immunology</i> , 2007, 179, 4919-4928.	0.4	162
45	Responses in Refractory Hairy Cell Leukemia to a Recombinant Immunotoxin. <i>Blood</i> , 1999, 94, 3340-3348.	0.6	161
46	Advances in Anticancer Immunotoxin Therapy. <i>Oncologist</i> , 2015, 20, 176-185.	1.9	161
47	Phase II Clinical Trial of Amatuximab, a Chimeric Antimesothelin Antibody with Pemetrexed and Cisplatin in Advanced Unresectable Pleural Mesothelioma. <i>Clinical Cancer Research</i> , 2014, 20, 5927-5936.	3.2	158
48	An immunotoxin with greatly reduced immunogenicity by identification and removal of B cell epitopes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11311-11316.	3.3	157
49	3D Culture Supports Long-Term Expansion of Mouse and Human Nephrogenic Progenitors. <i>Cell Stem Cell</i> , 2016, 19, 516-529.	5.2	153
50	Localization of Mesothelin in Epithelial Ovarian Cancer. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2005, 13, 243-247.	0.6	152
51	Effect of Rho on Transcription of Bacterial Operons. <i>Nature: New Biology</i> , 1973, 241, 260-264.	4.5	150
52	Recombinant immunotoxin engineered for low immunogenicity and antigenicity by identifying and silencing human B-cell epitopes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11782-11787.	3.3	145
53	Monoclonal Antibody K1 Reacts With Epithelial Mesothelioma but not With Lung Adenocarcinoma. <i>American Journal of Surgical Pathology</i> , 1992, 16, 259-268.	2.1	144
54	Phase 1 study of the antimesothelin immunotoxin SS1P in combination with pemetrexed and cisplatin for front-line therapy of pleural mesothelioma and correlation of tumor response with serum mesothelin, megakaryocyte potentiating factor, and cancer antigen 125. <i>Cancer</i> , 2014, 120, 3311-3319.	2.0	144

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55	Engineering antibody Fv fragments for cancer detection and therapy: Bisulfide-stabilized Fv fragments. <i>Nature Biotechnology</i> , 1996, 14, 1239-1245.	9.4	143
56	Humoral Immune Response to Mesothelin in Mesothelioma and Ovarian Cancer Patients. <i>Clinical Cancer Research</i> , 2005, 11, 3814-3820.	3.2	140
57	Anti-CD22 Immunotoxin RFB4(dsFv)-PE38 (BL22) for CD22-Positive Hematologic Malignancies of Childhood: Preclinical Studies and Phase I Clinical Trial. <i>Clinical Cancer Research</i> , 2010, 16, 1894-1903.	3.2	139
58	Both ATP Sites of Human P-Glycoprotein Are Essential but Not Symmetric. <i>Biochemistry</i> , 1999, 38, 13887-13899.	1.2	137
59	Improved cytotoxic activity toward cell lines and fresh leukemia cells of a mutant anti-CD22 immunotoxin obtained by antibody phage display. <i>Clinical Cancer Research</i> , 2002, 8, 995-1002.	3.2	135
60	Designed heterodimerizing leucine zippers with a ranger of pls and stabilities up to 10-15 M. <i>Protein Science</i> , 2001, 10, 649-655.	3.1	130
61	Genetic basis of multidrug resistance of tumor cells. <i>Journal of Bioenergetics and Biomembranes</i> , 1990, 22, 593-618.	1.0	129
62	Characterization of CD22 expression in acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2015, 62, 964-969.	0.8	129
63	Clinical evaluation of intraperitoneal <i>Pseudomonas</i> exotoxin immunoconjugate OVB3-PE in patients with ovarian cancer.. <i>Journal of Clinical Oncology</i> , 1991, 9, 2095-2103.	0.8	128
64	Treatment of Hematologic Malignancies with Immunotoxins and Antibody-Drug Conjugates. <i>Cancer Research</i> , 2011, 71, 6300-6309.	0.4	119
65	Mesothelin Expression in Human Lung Cancer. <i>Clinical Cancer Research</i> , 2007, 13, 1571-1575.	3.2	118
66	Removing T-cell epitopes with computational protein design. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8577-8582.	3.3	115
67	Human neurological cancer cells express interleukin-4 (IL-4) receptors which are targets for the toxic effects of IL4-pseudomonas exotoxin chimeric protein. <i>International Journal of Cancer</i> , 1994, 58, 574-581.	2.3	112
68	Recombinant RFB4 Immunotoxins Exhibit Potent Cytotoxic Activity for CD22-Bearing Cells and Tumors. <i>Blood</i> , 1997, 90, 2020-2026.	0.6	112
69	Clinical utility of a patient-specific algorithm for simulating intracerebral drug infusions. <i>Neuro-Oncology</i> , 2007, 9, 343-353.	0.6	112
70	Differential Cellular Internalization of Anti-CD19 and -CD22 Immunotoxins Results in Different Cytotoxic Activity. <i>Cancer Research</i> , 2008, 68, 6300-6305.	0.4	111
71	N <sup>6</sup> ,O <sup>2</sup> -Dibutyryl Adenosine 3',5'-Monophosphate induces Pigment Production in Melanoma Cells. <i>Nature: New Biology</i> , 1972, 237, 267-268.	4.5	109
72	CAT-8015: A Second-Generation <i>Pseudomonas</i> Exotoxin A-Based Immunotherapy Targeting CD22-Expressing Hematologic Malignancies. <i>Clinical Cancer Research</i> , 2009, 15, 832-839.	3.2	107

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73	Characterization of the B Cell Epitopes Associated with a Truncated Form of <i>Pseudomonas</i> Exotoxin (PE38) Used to Make Immunotoxins for the Treatment of Cancer Patients. <i>Journal of Immunology</i> , 2006, 177, 8822-8834.	0.4	104
74	Recombinant immunotoxin for cancer treatment with low immunogenicity by identification and silencing of human T-cell epitopes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8571-8576.	3.3	104
75	New Immunotoxins Targeting CD123, a Stem Cell Antigen on Acute Myeloid Leukemia Cells. <i>Journal of Immunotherapy</i> , 2007, 30, 607-613.	1.2	102
76	Immunotoxins for leukemia. <i>Blood</i> , 2014, 123, 2470-2477.	0.6	102
77	Megakaryocyte Potentiation Factor Cleaved from Mesothelin Precursor Is a Useful Tumor Marker in the Serum of Patients with Mesothelioma. <i>Clinical Cancer Research</i> , 2006, 12, 4225-4231.	3.2	101
78	Targeted Cytotoxic Therapy Kills Persisting HIV Infected Cells During ART. <i>PLoS Pathogens</i> , 2014, 10, e1003872.	2.1	101
79	Structural Flexibility of the Linker Region of Human P-Glycoprotein Permits ATP Hydrolysis and Drug Transport. <i>Biochemistry</i> , 1998, 37, 13660-13673.	1.2	99
80	Podocyte Injury Damages Other Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 1275-1285.	3.0	98
81	Recombinant immunotoxin against B-cell malignancies with no immunogenicity in mice by removal of B-cell epitopes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5742-5747.	3.3	97
82	In Vitro Antibody Evolution Targeting Germline Hot Spots to Increase Activity of an Anti-CD22 Immunotoxin. <i>Journal of Biological Chemistry</i> , 2005, 280, 607-617.	1.6	96
83	Mesothelin-Targeted Agents in Clinical Trials and in Preclinical Development. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 517-525.	1.9	96
84	Intracerebral Infusate Distribution by Convection-enhanced Delivery in Humans with Malignant Gliomas: Descriptive Effects of Target Anatomy and Catheter Positioning. <i>Operative Neurosurgery</i> , 2007, 60, ONS-89-ONS-99.	0.4	95
85	Engineering interchain disulfide bonds into conserved framework regions of Fv fragments: improved biochemical characteristics of recombinant immunotoxins containing disulfide-stabilized Fv. <i>Protein Engineering, Design and Selection</i> , 1994, 7, 697-704.	1.0	94
86	Decreased accumulation of [ <sup>14</sup> C]carboplatin in human cisplatin-resistant cells results from reduced energy-dependent uptake. <i>Journal of Cellular Physiology</i> , 2000, 183, 108-116.	2.0	91
87	Identification and elimination of an immunodominant T-cell epitope in recombinant immunotoxins based on <i>Pseudomonas</i> exotoxin A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E3597-603.	3.3	89
88	<i>In Vitro</i> and <i>In Vivo</i> Activity of the Low-Immunogenic Antimesothelin Immunotoxin RG7787 in Pancreatic Cancer. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 2040-2049.	1.9	89
89	Immunotoxins containing <i>Pseudomonas</i> exotoxin A: a short history. <i>Cancer Immunology, Immunotherapy</i> , 2003, 52, 338-341.	2.0	88
90	A Recombinant Immunotoxin against the Tumor-Associated Antigen Mesothelin Reengineered for High Activity, Low Off-Target Toxicity, and Reduced Antigenicity. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 48-57.	1.9	87

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91	Immunogenicity of therapeutic recombinant immunotoxins. <i>Immunological Reviews</i> , 2016, 270, 152-164.	2.8	85
92	Role of CAS, a Human Homologue to the Yeast Chromosome Segregation Gene CSE1, in Toxin and Tumor Necrosis Factor Mediated Apoptosis. <i>Biochemistry</i> , 1996, 35, 6891-6899.	1.2	83
93	Complete regression of human B-cell lymphoma xenografts in mice treated with recombinant anti-CD22 immunotoxin RFB4(dsFv)-PE38 at doses tolerated by cynomolgus monkeys. , 1999, 81, 148-155.		81
94	Recombinant immunotoxins for treating cancer. <i>International Journal of Medical Microbiology</i> , 2004, 293, 577-582.	1.5	81
95	Interleukin 6 Receptor mRNA in Prostate Carcinomas and Benign Prostate Hyperplasia. <i>Journal of Urology</i> , 1994, 151, 1396-1399.	0.2	80
96	Contribution to Substrate Specificity and Transport of Nonconserved Residues in Transmembrane Domain 12 of Human P-Glycoprotein. <i>Biochemistry</i> , 1998, 37, 16400-16409.	1.2	80
97	A model for obesity and gigantism due to disruption of the <i>Ankrd26</i> gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 270-275.	3.3	79
98	Cytotoxic activities of a fusion protein comprised of TGF $\beta$ and Pseudomonas exotoxin. <i>FASEB Journal</i> , 1989, 3, 2647-2652.	0.2	78
99	HA22 (R490A) Is a Recombinant Immunotoxin with Increased Antitumor Activity without an Increase in Animal Toxicity. <i>Clinical Cancer Research</i> , 2005, 11, 1545-1550.	3.2	78
100	Decreased binding of epidermal growth factor to BALB/c 3T3 mutant cells defective in glycoprotein synthesis. <i>Nature</i> , 1978, 272, 68-70.	13.7	75
101	Reversal of Drug Resistance in a Human Colon Cancer Xenograft Expressing MDR1 Complementary DNA by In Vivo Administration of MRK-16 Monoclonal Antibody. <i>Journal of the National Cancer Institute</i> , 1991, 83, 1386-1391.	3.0	75
102	POTE, a highly homologous gene family located on numerous chromosomes and expressed in prostate, ovary, testis, placenta, and prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 16975-16980.	3.3	75
103	Immunotoxins in the Treatment of Hematologic Malignancies. <i>Current Drug Targets</i> , 2006, 7, 1301-1311.	1.0	75
104	Immunotoxin and Taxol synergy results from a decrease in shed mesothelin levels in the extracellular space of tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17099-17104.	3.3	75
105	Cyclic AMP increases the Adhesion of Fibroblasts to Substratum. <i>Nature: New Biology</i> , 1972, 236, 247-249.	4.5	74
106	Synergistic Antitumor Activity of Taxol and Immunotoxin SS1P in Tumor-Bearing Mice. <i>Clinical Cancer Research</i> , 2006, 12, 4695-4701.	3.2	73
107	Removal of B cell epitopes as a practical approach for reducing the immunogenicity of foreign protein-based therapeutics. <i>Advanced Drug Delivery Reviews</i> , 2009, 61, 977-985.	6.6	73
108	Apoptosis induced by immunotoxins used in the treatment of hematologic malignancies. <i>International Journal of Cancer</i> , 2000, 87, 86-94.	2.3	70

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109	Recombinant Immunotoxins in the Treatment of Cancer. , 2004, 248, 503-518.		70
110	Depletion of regulatory T cells in tumors with an anti-CD25 immunotoxin induces CD8 T cell-mediated systemic antitumor immunity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4575-4582.	3.3	70
111	Single-chain immunotoxin fusions between anti-tac and Pseudomonas exotoxin: Relative importance of the two toxin disulfide bonds. Bioconjugate Chemistry, 1993, 4, 112-120.	1.8	69
112	Cytotoxicity of the anti-CD22 immunotoxin HA22 (CAT#8015) against paediatric acute lymphoblastic leukaemia. British Journal of Haematology, 2010, 150, 352-358.	1.2	69
113	Increased binding affinity enhances targeting of glioma xenografts by EGFRvIII-specific scFv. International Journal of Cancer, 2000, 88, 962-969.	2.3	68
114	Efficacy of RG7787, a Next-Generation Mesothelin-Targeted Immunotoxin, against Triple-Negative Breast and Gastric Cancers. Molecular Cancer Therapeutics, 2014, 13, 2653-2661.	1.9	68
115	Induction of Hyperintense Signal on T2-Weighted MR Images Correlates with Infusion Distribution from Intracerebral Convection-Enhanced Delivery of a Tumor-Targeted Cytotoxin. American Journal of Roentgenology, 2007, 188, 703-709.	1.0	67
116	Selective Elimination of Human Regulatory T Lymphocytes In Vitro With the Recombinant Immunotoxin LMB-2. Journal of Immunotherapy, 2006, 29, 208-214.	1.2	66
117	High mesothelin expression in advanced lung adenocarcinoma is associated with KRAS mutations and a poor prognosis. Oncotarget, 2015, 6, 11694-11703.	0.8	66
118	Renaturation of a Single-Chain Immunotoxin Facilitated by Chaperones and Protein Disulfide Isomerase. Nature Biotechnology, 1992, 10, 682-685.	9.4	65
119	New Monoclonal Antibodies to Mesothelin Useful for Immunohistochemistry, Fluorescence-Activated Cell Sorting, Western Blotting, and ELISA. Clinical Cancer Research, 2005, 11, 5840-5846.	3.2	65
120	Induction of caspase-dependent programmed cell death in B-cell chronic lymphocytic leukemia by anti-CD22 immunotoxins. Blood, 2004, 103, 2718-2726.	0.6	64
121	Topology of NGEF, a Prostate-Specific Cell:Cell Junction Protein Widely Expressed in Many Cancers of Different Grade Level. Cancer Research, 2008, 68, 6306-6312.	0.4	64
122	Pulsed high intensity focused ultrasound increases penetration and therapeutic efficacy of monoclonal antibodies in murine xenograft tumors. Journal of Controlled Release, 2012, 162, 218-224.	4.8	64
123	Minimal residual hairy cell leukemia eradication with moxetumomab pasudotox: phase 1 results and long-term follow-up. Blood, 2018, 131, 2331-2334.	0.6	64
124	Pseudomonas Exotoxin A-Mediated Apoptosis Is Bak Dependent and Preceded by the Degradation of Mcl-1. Molecular and Cellular Biology, 2010, 30, 3444-3452.	1.1	63
125	Retroviruses expressing different levels of the normal epidermal growth factor receptor: Biological properties and new bioassay. Journal of Cellular Biochemistry, 1989, 39, 153-166.	1.2	60
126	A Single Amino Acid Residue Contributes to Distinct Mechanisms of Inhibition of the Human Multidrug Transporter by Stereoisomers of the Dopamine Receptor Antagonist Flupentixol. Biochemistry, 1999, 38, 6630-6639.	1.2	60



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127	Anti-Tumor Activity of K1-LysPE38QQR, an Immunotoxin Targeting Mesothelin, a Cell-Surface Antigen Overexpressed in Ovarian Cancer and Malignant Mesothelioma. <i>Journal of Immunotherapy</i> , 2000, 23, 473-479.	1.2	60
128	Antitumor activity of SS(dsFv)PE38 and SS1(dsFv)PE38, recombinant antimesothelin immunotoxins against human gynecologic cancers grown in organotypic culture in vitro. <i>Clinical Cancer Research</i> , 2002, 8, 3520-6.	3.2	60
129	Inhibition of TNF- $\hat{1}\pm$ Produced by Kupffer Cells Protects Against the Nonspecific Liver Toxicity of Immunotoxin Anti-Tac(Fv)-PE38, LMB-2. <i>Journal of Immunology</i> , 2000, 165, 7150-7156.	0.4	59
130	POTE Paralogs Are Induced and Differentially Expressed in Many Cancers. <i>Cancer Research</i> , 2006, 66, 52-56.	0.4	59
131	High Shed Antigen Levels within Tumors: An Additional Barrier to Immunoconjugate Therapy. <i>Clinical Cancer Research</i> , 2008, 14, 7981-7986.	3.2	59
132	Targeting malignant B cells with an immunotoxin against ROR1. <i>MAbs</i> , 2012, 4, 349-361.	2.6	59
133	Efficient Expression of Drug-selectable Genes in Retroviral Vectors Under Control of an Internal Ribosome Entry Site. <i>Nature Biotechnology</i> , 1994, 12, 694-698.	9.4	58
134	Podocyte injury enhances filtration of liver-derived angiotensinogen and renal angiotensin II generation. <i>Kidney International</i> , 2014, 85, 1068-1077.	2.6	58
135	Ankrd26 Gene Disruption Enhances Adipogenesis of Mouse Embryonic Fibroblasts*. <i>Journal of Biological Chemistry</i> , 2011, 286, 27761-27768.	1.6	57
136	Aberrant Notch1-dependent effects on glomerular parietal epithelial cells promotes collapsing focal segmental glomerulosclerosis with progressive podocyte loss. <i>Kidney International</i> , 2013, 83, 1065-1075.	2.6	57
137	Phase 1 study of the anti-CD22 immunotoxin moxetumomab pasudotox for childhood acute lymphoblastic leukemia. <i>Blood</i> , 2017, 130, 1620-1627.	0.6	57
138	Interleukin-13 Receptors on Human Prostate Carcinoma Cell Lines Represent a Novel Target for a Chimeric Protein Composed of IL-13 and a Mutated Form of Pseudomonas Exotoxin. <i>Journal of Urology</i> , 1997, 158, 948-953.	0.2	56
139	Frequent expression of the tumor antigen cak1 in squamous-cell carcinomas. <i>International Journal of Cancer</i> , 1992, 51, 548-554.	2.3	55
140	Immunogenicity of Immunotoxins Containing Pseudomonas Exotoxin A: Causes, Consequences, and Mitigation. <i>Frontiers in Immunology</i> , 2020, 11, 1261.	2.2	55
141	Design of interchain disulfide bonds in the framework region of the Fv fragment of the monoclonal antibody B3. <i>Proteins: Structure, Function and Bioinformatics</i> , 1994, 19, 35-47.	1.5	54
142	Sustained radiographic and clinical response in patient with bifrontal recurrent glioblastoma multiforme with intracerebral infusion of the recombinant targeted toxin TP-38: Case study. <i>Neuro-Oncology</i> , 2005, 7, 90-96.	0.6	54
143	Actinomycin D enhances killing of cancer cells by immunotoxin RG7787 through activation of the extrinsic pathway of apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10666-10671.	3.3	54
144	Molecular manipulations of the multidrug transporter: a new role for transgenic mice <sup>1</sup>. <i>FASEB Journal</i> , 1991, 5, 2523-2528.	0.2	53

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145	Verapamil enhances the toxicity of conjugates of epidermal growth factor with Pseudomonas exotoxin and antitransferrin receptor with pseudomonas exotoxin. <i>Journal of Cellular Physiology</i> , 1984, 120, 271-279.	2.0	52
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