

Saverio Alberti

List of Publications by Year in descending order

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132
papers

4,941
citations

94433

37
h-index

114465

63
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139
all docs

139
docs citations

139
times ranked

5621
citing authors

#	ARTICLE	IF	CITATIONS
1	Trop-2, Na ⁺ /K ⁺ ATPase, CD9, PKC ζ , cofilin assemble a membrane signaling super-complex that drives colorectal cancer growth and invasion. <i>Oncogene</i> , 2022, 41, 1795-1808.	5.9	15
2	A deterministic code for transcription factor-DNA recognition through computation of binding interfaces. <i>NAR Genomics and Bioinformatics</i> , 2022, 4, lqac008.	3.2	0
3	Cancer-Homing CAR-T Cells and Endogenous Immune Population Dynamics. <i>International Journal of Molecular Sciences</i> , 2022, 23, 405.	4.1	11
4	The Hu2G10 mAb targets the cleaved-activated form of Trop-2 and exploits vulnerability of multiple human cancers.. <i>Journal of Clinical Oncology</i> , 2022, 40, e14548-e14548.	1.6	1
5	Abstract PD15-04: Trop-2 inactivation of E-cadherin drives triple negative breast cancer relapse. , 2021, , .		0
6	Trop-2 cleavage by ADAM10 is an activator switch for cancer growth and metastasis. <i>Neoplasia</i> , 2021, 23, 415-428.	5.3	35
7	Trop-2 inactivates E-cadherin and drives colon cancer metastasis.. <i>Journal of Clinical Oncology</i> , 2021, 39, e15576-e15576.	1.6	0
8	Abstract 2851: Trop-2 inactivates E-cadherin for metastatic diffusion in the absence of EMT. , 2021, , .		0
9	Trop-2 induces ADAM10-mediated cleavage of E-cadherin and drives EMT-less metastasis in colon cancer. <i>Neoplasia</i> , 2021, 23, 898-911.	5.3	24
10	Inactivation of E-cadherin by Trop-2 drives colon cancer metastasis.. <i>Journal of Clinical Oncology</i> , 2021, 39, 105-105.	1.6	2
11	PLC-gamma-1 phosphorylation status is prognostic of metastatic risk in patients with early-stage Luminal-A and -B breast cancer subtypes. <i>BMC Cancer</i> , 2019, 19, 747.	2.6	22
12	Microscopic tumor foci in axillary lymph nodes may reveal the recurrence dynamics of breast cancer. <i>Cancer Communications</i> , 2019, 39, 1-4.	9.2	4
13	Abandoning the Notion of Non-Small Cell Lung Cancer. <i>Trends in Molecular Medicine</i> , 2019, 25, 585-594.	6.7	207
14	Combination of peripheral neutrophil-to-lymphocyte ratio and platelet-to-lymphocyte ratio is predictive of pathological complete response after neoadjuvant chemotherapy in breast cancer patients. <i>Breast</i> , 2019, 44, 33-38.	2.2	109
15	Pharmacogenetic and pharmacogenomic discovery strategies. <i>Cancer Drug Resistance (Alhambra, Calif) Tj ETQq1</i> 1,0.784314 rgBT /Ove	2.1	5
16	Distinct lung cancer subtypes associate to distinct drivers of tumor progression. <i>Oncotarget</i> , 2018, 9, 35528-35540.	1.8	30
17	The 150 most important questions in cancer research and clinical oncology series: questions 15â€“24. <i>Chinese Journal of Cancer</i> , 2017, 36, 39.	4.9	9
18	The trophoblast cell surface antigen 2 and miR-125b axis in urothelial bladder cancer. <i>Oncotarget</i> , 2017, 8, 58642-58653.	1.8	58

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19	Novel domain-targeted anti-Trop-2 monoclonal antibodies to elicit therapeutic synergy against multiple human cancers.. Journal of Clinical Oncology, 2017, 35, e14002-e14002.	1.6	0
20	Abstract 4588: Novel anti-Trop-2 monoclonal antibodies with unique binding specificities show therapeutic synergy against most human cancers. , 2017, , .		0
21	Abstract 367: Trop-2 activates a dormant Na ⁺ /K ⁺ -ATPase/PKC β /CD9/ezrin signaling axis to override the basal growth program of cancer cells. , 2017, , .		1
22	p53, cathepsin D, Bcl-2 are joint prognostic indicators of breast cancer metastatic spreading. BMC Cancer, 2016, 16, 649.	2.6	25
23	Trop-2 Induces Tumor Growth Through AKT and Determines Sensitivity to AKT Inhibitors. Clinical Cancer Research, 2016, 22, 4197-4205.	7.0	38
24	Native, sequential protein folding via anchored N and C protein termini. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3189-E3191.	7.1	1
25	RE: HABP2 G534E Mutation in Familial Nonmedullary Thyroid Cancer. Journal of the National Cancer Institute, 2016, 108, djw143.	6.3	5
26	Comment on "Cancer chemoprevention: Evidence of a nonlinear dose response for the protective effects of resveratrol in humans and mice" Science Translational Medicine, 2016, 8, 350le2.	12.4	3
27	Squalene epoxidase is a bona fide oncogene by amplification with clinical relevance in breast cancer. Scientific Reports, 2016, 6, 19435.	3.3	102
28	Translating epithelial mesenchymal transition markers into the clinic: Novel insights from proteomics. EuPA Open Proteomics, 2016, 10, 31-41.	2.5	49
29	Lymph Node Micrometastases Do Influence Breast Cancer Outcome. Journal of Clinical Oncology, 2015, 33, 3977-3978.	1.6	4
30	Proteomics analysis of E-cadherin knockdown in epithelial breast cancer cells. Journal of Biotechnology, 2015, 202, 3-11.	3.8	38
31	A seven-gene CpG-island methylation panel predicts breast cancer progression. BMC Cancer, 2015, 15, 417.	2.6	30
32	Epigenetic inheritance and the missing heritability. Human Genomics, 2015, 9, 17.	2.9	203
33	Trop-2 Is a Determinant of Breast Cancer Survival. PLoS ONE, 2014, 9, e96993.	2.5	131
34	Epigenetic heredity of human height. Physiological Reports, 2014, 2, e12047.	1.7	26
35	Trop-2 is a universal driver of tumor growth and metastatization " A new target for diagnostics and therapeutics. Journal of Biotechnology, 2014, 185, S9.	3.8	0
36	A Unique Four-Hub Protein Cluster Associates to Glioblastoma Progression. PLoS ONE, 2014, 9, e103030.	2.5	24

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37	The Trop-2 signalling network in cancer growth. <i>Oncogene</i> , 2013, 32, 1594-1600.	5.9	104
38	Human height genes and cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2013, 1836, 27-41.	7.4	22
39	Comparative proteome profiling of breast tumor cell lines by gel electrophoresis and mass spectrometry reveals an epithelial mesenchymal transition associated protein signature. <i>Molecular BioSystems</i> , 2013, 9, 1127-1138.	2.9	29
40	Upregulation of Trop-2 quantitatively stimulates human cancer growth. <i>Oncogene</i> , 2013, 32, 222-233.	5.9	208
41	Overexpression of activated phospholipase C β 1 is a risk factor for distant metastases in T1 \leq T2, N0 breast cancer patients undergoing adjuvant chemotherapy. <i>International Journal of Cancer</i> , 2013, 132, 1022-1031.	5.1	41
42	Cytoplasmic Trop-1/Ep-CAM Overexpression is Associated with a Favorable Outcome in Node-positive Breast Cancer. <i>Japanese Journal of Clinical Oncology</i> , 2012, 42, 1128-1137.	1.3	9
43	Resveratrol downregulates Akt/GSK and ERK signalling pathways in OVCAR-3 ovarian cancer cells. <i>Molecular BioSystems</i> , 2012, 8, 1078.	2.9	91
44	Long-range Transcriptome Sequencing Reveals Cancer Cell Growth Regulatory Chimeric mRNA. <i>Neoplasia</i> , 2012, 14, 1087-49.	5.3	19
45	mTrop1/Epcam Knockout Mice Develop Congenital Tufting Enteropathy through Dysregulation of Intestinal E-cadherin/ β -catenin. <i>PLoS ONE</i> , 2012, 7, e49302.	2.5	67
46	EpCAM Expression Is an Indicator of Increased Incidence of Relapse in p53-Positive Breast Cancer. <i>Cancer and Clinical Oncology</i> , 2012, 2, .	0.2	0
47	Trop α 2 inhibits prostate cancer cell adhesion to fibronectin through the β 1 integrin α CRACK1 axis. <i>Journal of Cellular Physiology</i> , 2012, 227, 3670-3677.	4.1	58
48	p53 Status Identifies Two Subgroups of Triple-negative Breast Cancers with Distinct Biological Features. <i>Japanese Journal of Clinical Oncology</i> , 2011, 41, 172-179.	1.3	59
49	Sentinel Node and Bone Marrow Micrometastases and Nanometastases. <i>Current Breast Cancer Reports</i> , 2010, 2, 96-106.	1.0	4
50	Letter to the Editor: Efficacy and safety of anti-Trop antibodies, R. Cubas, M. Li, C. Chen and Q. Yao, <i>Biochim Biophys Acta</i> 1796 (2009) 309 \leq 311. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2010, 1805, 119-120.	7.4	5
51	An immunohistochemically positive E-cadherin status is not always predictive for a good prognosis in human breast cancer. <i>British Journal of Cancer</i> , 2010, 103, 1835-1839.	6.4	30
52	A Dietary Tomato Supplement Prevents Prostate Cancer in TRAMP Mice. <i>Cancer Prevention Research</i> , 2010, 3, 1284-1291.	1.5	42
53	Abstract 5139: Trop2 modulates beta1 integrin-mediated adhesion and migration of prostate cancer cells. , 2010, , .		0
54	Abstract 5042: Trop-2 is a universal cancer growth stimulator through a ubiquitous signaling platform. , 2010, , .		0

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55	CD133, Trop-2 and alpha2beta1 integrin surface receptors as markers of putative human prostate cancer stem cells. American Journal of Translational Research (discontinued), 2010, 2, 135-44.	0.0	41
56	(-)-Epigallocatechin-3-gallate (EGCG) post-transcriptionally and post-translationally suppresses the cell proliferative protein TROP2 in human colorectal cancer cells. Anticancer Research, 2010, 30, 2497-503.	1.1	36
57	High expression of 90K (Mac-2 BP) is associated with poor survival in node-negative breast cancer patients not receiving adjuvant systemic therapies. International Journal of Cancer, 2009, 124, 333-338.	5.1	36
58	Cell growth stimulation by CRASH, an asparaginase-like protein overexpressed in human tumors and metastatic breast cancers. Anticancer Research, 2009, 29, 951-63.	1.1	15
59	Energy-based prediction of amino acid-nucleotide base recognition. Journal of Computational Chemistry, 2008, 29, 1955-1969.	3.3	44
60	Intestinal tumour chemoprevention with the antioxidant lipoic acid stimulates the growth of breast cancer. European Journal of Cancer, 2008, 44, 2696-2704.	2.8	18
61	A Bicistronic <i>CYCLIN D1-TROP2</i> mRNA Chimera Demonstrates a Novel Oncogenic Mechanism in Human Cancer. Cancer Research, 2008, 68, 8113-8121.	0.9	76
62	Protocol for high-sensitivity/long linear-range spectrofluorimetric DNA quantification using ethidium bromide. BioTechniques, 2007, 43, 173-176.	1.8	39
63	Trop-1 are conserved growth stimulatory molecules that mark early stages of tumor progression. Cancer, 2007, 110, 452-464.	4.1	24
64	The forgotten variables of DNA array hybridization. Trends in Biotechnology, 2006, 24, 443-448.	9.3	26
65	Flavonoids inhibit melanoma lung metastasis by impairing tumor cells endothelium interactions. Journal of Cellular Physiology, 2006, 207, 23-29.	4.1	75
66	Changes of Topoisomerase II \pm Expression in Breast Tumors after Neoadjuvant Chemotherapy Predicts Relapse-Free Survival. Clinical Cancer Research, 2006, 12, 1501-1506.	7.0	24
67	Molecular Subtyping of Breast Cancer from Traditional Tumor Marker Profiles Using Parallel Clustering Methods. Clinical Cancer Research, 2006, 12, 781-790.	7.0	41
68	Axillary Lymph Node Nanometastases Are Prognostic Factors for Disease-Free Survival and Metastatic Relapse in Breast Cancer Patients. Clinical Cancer Research, 2006, 12, 6696-6701.	7.0	71
69	Meta-analysis of the role of p53 status in isogenic systems tested for sensitivity to cytotoxic antineoplastic drugs. Biochimica Et Biophysica Acta: Reviews on Cancer, 2004, 1705, 103-120.	7.4	27
70	Mutations of TP53 induce loss of DNA methylation and amplification of the TROP1 gene. Oncogene, 2003, 22, 1668-1677.	5.9	34
71	Detection and analysis of spliced chimeric mRNAs in sequence databanks. Nucleic Acids Research, 2003, 31, 17e-17.	14.5	44
72	Prognostic value of mutations in TP53 and RAS genes in breast cancer. International Journal of Biological Markers, 2003, 18, 49-53.	1.8	4

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73	Signaling protein networks as targets of new antineoplastic drugs. <i>International Journal of Biological Markers</i> , 2003, 18, 57-61.	1.8	1
74	Oligomerization of DsRed is required for the generation of a functional red fluorescent chromophore. <i>FEBS Letters</i> , 2002, 525, 13-19.	2.8	49
75	Corrigendum to "Green fluorescent flowers". <i>Plant Science</i> , 2002, 162, 645.	3.6	0
76	Presentation of native TROP2 tumor antigens to human cytotoxic T lymphocytes by engineered antigen-presenting cells. <i>International Journal of Cancer</i> , 2002, 101, 353-359.	5.1	25
77	Green fluorescent flowers. <i>Plant Science</i> , 2001, 161, 961-968.	3.6	27
78	Efficient GFP mutations profoundly affect mRNA transcription and translation rates. <i>FEBS Letters</i> , 2001, 492, 151-155.	2.8	36
79	Molecular Prognostic Indicators for Breast Cancer. <i>Tumori</i> , 2001, 87, 23-25.	1.1	4
80	Trop Molecules as Targets for Anti-Tumor Immunotherapy in Man. <i>Tumori</i> , 2001, 87, 5-8.	1.1	2
81	Nuclear changes in necrotic HL-60 cells. <i>Journal of Cellular Biochemistry</i> , 2001, 81, 19-31.	2.6	28
82	Green Fluorescent Protein variants fold differentially in prokaryotic and eukaryotic cells. <i>Journal of Cellular Biochemistry</i> , 2001, 81, 117-128.	2.6	33
83	Cyclin D1 gene contains a cryptic promoter that is functional in human cancer cells. <i>Genes Chromosomes and Cancer</i> , 2001, 31, 209-220.	2.8	20
84	Assignment of TACSTD1 (alias TROP1, M4S1) to human chromosome 2p21 and refinement of mapping of TACSTD2 (alias TROP2, M1S1) to human chromosome 1p32 by in situ hybridization. <i>Cytogenetic and Genome Research</i> , 2001, 92, 164-165.	1.1	62
85	Epidermal Growth Factor-Like Repeats Mediate Lateral and Reciprocal Interactions of Ep-CAM Molecules in Homophilic Adhesions. <i>Molecular and Cellular Biology</i> , 2001, 21, 2570-2580.	2.3	159
86	Correlative Light-Electron Microscopy Reveals the Tubular-Saccular Ultrastructure of Carriers Operating between Golgi Apparatus and Plasma Membrane. <i>Journal of Cell Biology</i> , 2000, 148, 45-58.	5.2	304
87	Large and diverse numbers of human diseases with HIKE mutations. <i>Human Molecular Genetics</i> , 2000, 9, 1001-1007.	2.9	23
88	The molecular determinants of the efficiency of green fluorescent protein mutants. <i>Histology and Histopathology</i> , 2000, 15, 101-7.	0.7	14
89	Molecular Cloning and Functional Characterization of Brefeldin A-ADP-ribosylated Substrate. <i>Journal of Biological Chemistry</i> , 1999, 274, 17705-17710.	3.4	92
90	Protein tags enhance GFP folding in eukaryotic cells. <i>Nature Biotechnology</i> , 1999, 17, 1046-1046.	17.5	21

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91	Evolution of the genetic code, protein synthesis and nucleic acid replication. Cellular and Molecular Life Sciences, 1999, 56, 85-93.	5.4	10
92	Red GFP and endogenous porphyrins. Current Biology, 1999, 9, R391-R393.	3.9	9
93	HIKE, a candidate protein binding site for PH domains, is a major regulatory region of G? proteins. , 1999, 35, 360-363.		12
94	Cloning of the murine TROP2 gene: Conservation of a PIP2-binding sequence in the cytoplasmic domain of TROP-2. , 1998, 75, 324-330.		69
95	Human TROP-2 is a tumor-associated calcium signal transducer. International Journal of Cancer, 1998, 76, 671-676.	5.1	180
96	A phosphoinositide-binding sequence is shared by PH domain target moleculesâ€”a model for the binding of PH domains to proteins. , 1998, 31, 1-9.		24
97	Cloning of the murine TROP2 gene: Conservation of a PIP2-binding sequence in the cytoplasmic domain of TROP-2. International Journal of Cancer, 1998, 75, 324-330.	5.1	1
98	Detection of the Receptor for the Human Urokinase-type Plasminogen Activator Using Fluoresceinated uPA. Journal of Histochemistry and Cytochemistry, 1997, 45, 1307-1313.	2.5	4
99	The origin of the genetic code and protein synthesis. Journal of Molecular Evolution, 1997, 45, 352-358.	1.8	26
100	Development of ulcerative colitis: evidence from animal models. Trends in Molecular Medicine, 1996, 2, 272-274.	2.6	1
101	A high affinity T cell receptor?. Immunology and Cell Biology, 1996, 74, 292-297.	2.3	6
102	High-efficiency expression gene cloning by flow cytometry.. Journal of Histochemistry and Cytochemistry, 1996, 44, 629-640.	2.5	25
103	Expression of HLA Class I Genes in Meiotic and Post-Meiotic Human Spermatogenic Cells1. Biology of Reproduction, 1996, 55, 99-110.	2.7	44
104	Cloning of the gene encoding TROP-2, a cell-surface glycoprotein expressed by human carcinomas. International Journal of Cancer, 1995, 62, 610-618.	5.1	126
105	In vivo targeting of integrin receptors in human skin xenografts by intravenously applied antibodies. Archives of Dermatological Research, 1994, 286, 6-11.	1.9	8
106	MRC OX19 recognizes the rat CD5 surface glycoprotein, but does not provide evidence for a population of CD5bright B cells. European Journal of Immunology, 1994, 24, 585-592.	2.9	33
107	DNA methylation prevents the amplification of TROP1, a tumor-associated cell surface antigen gene.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 5833-5837.	7.1	41
108	Biochemical and immunological characterization of the human carcinoma-associated antigen MH 99/KS 1/4. International Journal of Cancer, 1993, 55, 988-995.	5.1	42

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109	Tâ€cellâ€receptor engagement and tumor ICAMâ€1 upâ€regulation are required to byâ€pass low susceptibility of melanoma cells to autologous CTLâ€mediated lysis. <i>International Journal of Cancer</i> , 1993, 53, 994-1001.	5.1	33
110	Biochemical Characterization of Trop-2, a Cell Surface Molecule Expressed by Human Carcinomas: Formal Proof that the Monoclonal Antibodies T16 and MOv-16 Recognize Trop-2. <i>Hybridoma</i> , 1992, 11, 539-545.	0.6	67
111	Molecular Cloning of the Rat CD5 Gene. <i>Annals of the New York Academy of Sciences</i> , 1992, 651, 82-83.	3.8	2
112	Heterogeneous susceptibility of human melanoma clones to monocyte cytotoxicity: Role of ICAM-1 defined by antibody blocking and gene transfer. <i>European Journal of Immunology</i> , 1992, 22, 2255-2260.	2.9	30
113	Membrane association and shedding of the GPI-anchored Ca-MOv18 antigen in human ovary carcinoma cells. <i>International Journal of Cancer</i> , 1992, 51, 499-505.	5.1	18
114	Molecular cloning, reconstruction and expression of the gene encoding the alpha-chain of the bovine CD8â€definition of three peptide regions conserved across species. <i>Immunology</i> , 1992, 76, 95-102.	4.4	5
115	Immunofluorescence analysis in flow cytometry: better selection of antibody-labeled cells after fluorescence overcompensation in the red channel.. <i>Journal of Histochemistry and Cytochemistry</i> , 1991, 39, 701-706.	2.5	20
116	Expression of 38-kD Cell-Surface Glycoprotein in Transformed Keratinocyte Cell Lines, Basal Cell Carcinomas, and Epithelial Germs. <i>Journal of Investigative Dermatology</i> , 1990, 95, 74-82.	0.7	37
117	Higher transfection efficiency of genomic DNA purified with a guanidinium thiocyanate-based procedure. <i>Nucleic Acids Research</i> , 1990, 18, 351-353.	14.5	27
118	The Ca-MOv18 molecule, a cell-surface marker of human ovarian carcinomas, is anchored to the cell membrane by phosphatidylinositol. <i>Biochemical and Biophysical Research Communications</i> , 1990, 171, 1051-1055.	2.1	31
119	Transfection into mouse L cells of genes encoding two serologically and functionally distinct bovine class I MHC molecules from a MHC-homozygous animal: evidence for a second class I locus in cattle. <i>Immunology</i> , 1990, 70, 20-6.	4.4	54
120	DNA methylation prevents transfection of genes for specific surface antigens.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 8391-8394.	7.1	40
121	A single laser method for subtraction of cell autofluorescence in flow cytometry. <i>Cytometry</i> , 1987, 8, 114-119.	1.8	95
122	Metastatic Growth of a Murine Tumor: Evidence of Dissemination to the Lungs in the Absence of Subcutaneous Growth. <i>Tumori</i> , 1986, 72, 345-350.	1.1	1
123	DNA Transfection : Gene Regulation, Gene Amplification and Gene Cloning. <i>Juntendoì, Igaku</i> , 1986, 32, 423-425.	0.1	0
124	Relationship between large granular lymphocytes and NK-1.2+ cells from normal and poly(inosinic:cytidylic acid) (poly(I:C))-treated mice. <i>Clinical Immunology and Immunopathology</i> , 1985, 36, 81-94.	2.0	0
125	Large granular lymphocytes from murine blood and intestinal epithelium: Comparison of surface antigens, natural killer activity, and morphology. <i>Clinical Immunology and Immunopathology</i> , 1985, 36, 227-238.	2.0	10
126	Effect of hydrocortisone on the macrophage content, growth and metastasis of transplanted murine tumors. <i>International Journal of Cancer</i> , 1984, 33, 95-105.	5.1	36

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127	Preservation of cells sorted individually onto microscope slides with a fluorescence-activated cell sorter. <i>Cytometry</i> , 1984, 5, 644-647.	1.8	8
128	In Vivo Treatments with Cyclosporin-A: Different Effects on Cell-Mediated Immunity in Mice. , 1984, , 293-302.		0
129	Transfection and cloning of genes for membrane antigens using the FACS. <i>Medical Oncology and Tumor Pharmacotherapy</i> , 1984, 1, 219-224.	1.1	1
130	Lack of Association between BK Virus and Ependymomas, Malignant Tumors of Pancreatic Islets, Osteosarcomas and Other Human Tumors. <i>Intervirology</i> , 1981, 15, 10-18.	2.8	24
131	Effects of in vivo treatments with cyclosporin-A on mouse cell-mediated immune responses. <i>International Journal of Immunopharmacology</i> , 1981, 3, 357-364.	1.1	36
132	Morphological characterization of a cell population responsible for natural killer activity. <i>Immunology</i> , 1981, 43, 663-8.	4.4	114