

Anne E Cress

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112
papers

3,885
citations

36
h-index

58
g-index

119
ext. papers

4,136
ext. citations

5.9
avg. IF

4.8
L-index

#	Paper	IF	Citations
112	Role for DNA methylation in the regulation of miR-200c and miR-141 expression in normal and cancer cells. <i>PLoS ONE</i> , 2010 , 5, e8697	3.7	248
111	N-Cadherin expression in human prostate carcinoma cell lines. An epithelial-mesenchymal transformation mediating adhesion with Stromal cells. <i>American Journal of Pathology</i> , 1999 , 155, 787-98	5.8	190
110	Characterization of a new drug-resistant human myeloma cell line that expresses P-glycoprotein. <i>Cancer Research</i> , 1986 , 46, 5125-30	10.1	171
109	The alpha 6 beta 1 and alpha 6 beta 4 integrins in human prostate cancer progression. <i>Cancer and Metastasis Reviews</i> , 1995 , 14, 219-28	9.6	170
108	Differential expression of extracellular matrix molecules and the alpha 6-integrins in the normal and neoplastic prostate. <i>American Journal of Pathology</i> , 1994 , 145, 167-74	5.8	118
107	Expression of hemidesmosomal and extracellular matrix proteins by normal and malignant human prostate tissue. <i>American Journal of Pathology</i> , 1995 , 146, 1498-507	5.8	108
106	Cleavage of beta 4 integrin by matrilysin. <i>Experimental Cell Research</i> , 1997 , 236, 341-5	4.2	105
105	Characterization of integrin subunits, cellular adhesion and tumorigenicity of four human prostate cell lines. <i>Journal of Cancer Research and Clinical Oncology</i> , 1993 , 119, 637-44	4.9	105
104	Integrin alpha 6 expression in human prostate carcinoma cells is associated with a migratory and invasive phenotype in vitro and in vivo. <i>Clinical and Experimental Metastasis</i> , 1995 , 13, 481-91	4.7	103
103	Membrane type-1-matrix metalloproteinase expressed by prostate carcinoma cells cleaves human laminin-5 beta3 chain and induces cell migration. <i>Cancer Research</i> , 2003 , 63, 2292-9	10.1	93
102	Unique expression pattern of the alpha6beta4 integrin and laminin-5 in human prostate carcinoma. <i>Prostate</i> , 2001 , 46, 240-8	4.2	84
101	Morphine treatment accelerates sarcoma-induced bone pain, bone loss, and spontaneous fracture in a murine model of bone cancer. <i>Pain</i> , 2007 , 132, 154-68	8	82
100	Differential expression of laminin 5 (alpha 3 beta 3 gamma 2) by human malignant and normal prostate. <i>American Journal of Pathology</i> , 1996 , 149, 1341-9	5.8	79
99	Cholesterol levels inversely reflect the thermal sensitivity of mammalian cells in culture. <i>Nature</i> , 1980 , 283, 677-9	50.4	76
98	Multiple mechanisms confer drug resistance to mitoxantrone in the human 8226 myeloma cell line. <i>Cancer Research</i> , 1999 , 59, 1021-8	10.1	76
97	Expression of cytokeratin confers multiple drug resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 5311-4	11.5	70
96	Rapid loss of stress fibers in Chinese hamster ovary cells after hyperthermia. <i>Cancer Research</i> , 1985 , 45, 258-62	10.1	59

95	The use of a combinatorial library method to isolate human tumor cell adhesion peptides. <i>Molecular Diversity</i> , 1996 , 2, 19-28	3.1	54
94	The laminin binding integrin alpha6beta1 in prostate cancer perineural invasion. <i>Journal of Cellular Physiology</i> , 2010 , 224, 283-8	7	52
93	Membrane type 1 matrix metalloprotease cleaves laminin-10 and promotes prostate cancer cell migration. <i>Neoplasia</i> , 2005 , 7, 380-9	6.4	52
92	Factors regulating membrane permeability alter thermal resistance. <i>Annals of the New York Academy of Sciences</i> , 1980 , 335, 215-33	6.5	50
91	Integrin alpha6 cleavage: a novel modification to modulate cell migration. <i>Experimental Cell Research</i> , 2007 , 313, 1080-9	4.2	48
90	Extracellular alpha 6 integrin cleavage by urokinase-type plasminogen activator in human prostate cancer. <i>Experimental Cell Research</i> , 2004 , 294, 550-8	4.2	48
89	Extracellular engagement of alpha6 integrin inhibited urokinase-type plasminogen activator-mediated cleavage and delayed human prostate bone metastasis. <i>Cancer Research</i> , 2009 , 69, 5007-14	10.1	46
88	ATP promotes cell survival via regulation of cytosolic [Ca ²⁺] and Bcl-2/Bax ratio in lung cancer cells. <i>American Journal of Physiology - Cell Physiology</i> , 2016 , 310, C99-114	5.4	45
87	Integrin clipping: a novel adhesion switch?. <i>Journal of Cellular Biochemistry</i> , 2004 , 91, 26-35	4.7	45
86	Identification of a novel structural variant of the alpha 6 integrin. <i>Journal of Biological Chemistry</i> , 2001 , 276, 26099-106	5.4	45
85	Cytogenetic and phenotypic analysis of a human colon carcinoma cell line resistant to mitoxantrone. <i>Cancer Research</i> , 1988 , 48, 1882-8	10.1	45
84	Gemcitabine resistant pancreatic cancer cell lines acquire an invasive phenotype with collateral hypersensitivity to histone deacetylase inhibitors. <i>Cancer Biology and Therapy</i> , 2015 , 16, 43-51	4.6	44
83	The role of alpha 6 integrin in prostate cancer migration and bone pain in a novel xenograft model. <i>PLoS ONE</i> , 2008 , 3, e3535	3.7	41
82	Covalent DNA-Protein Crosslinking Occurs after Hyperthermia and Radiation. <i>Radiation Research</i> , 1983 , 95, 610	3.1	41
81	Adhesion molecules, extracellular matrix, and proteases in prostate carcinoma. <i>Journal of Cellular Biochemistry Supplement</i> , 1994 , 19, 232-7		40
80	Identification of a stem cell candidate in the normal human prostate gland. <i>European Journal of Cell Biology</i> , 2005 , 84, 341-54	6.1	39
79	Synthetic peptides inhibit adhesion of human tumor cells to extracellular matrix proteins. <i>Cancer Research</i> , 2001 , 61, 3308-13	10.1	39
78	New relationships between prostatic intraepithelial neoplasia and prostatic carcinoma. <i>Journal of Cellular Biochemistry</i> , 1992 , 16H, 26-9	4.7	38

77	Correlation between amounts of cellular membrane components and sensitivity to hyperthermia in a variety of mammalian cell lines in culture. <i>Cancer Research</i> , 1982 , 42, 1716-21	10.1	38
76	Hydroxyurea treatment affects the G1 phase in next generation CHO cells. <i>Experimental Cell Research</i> , 1977 , 110, 347-53	4.2	36
75	Evidence for cytoplasmic P-glycoprotein location associated with increased multidrug resistance and resistance to chemosensitizers. <i>Cancer Research</i> , 1996 , 56, 5435-42	10.1	36
74	HYD1-induced increase in reactive oxygen species leads to autophagy and necrotic cell death in multiple myeloma cells. <i>Molecular Cancer Therapeutics</i> , 2009 , 8, 2441-51	6.1	35
73	Alteration of human tumor cell adhesion by high-strength static magnetic fields. <i>Investigative Radiology</i> , 1992 , 27, 836-40	10.1	30
72	Culturing precision-cut human prostate slices as an in vitro model of prostate pathobiology. <i>Cell Biology and Toxicology</i> , 2002 , 18, 205-19	7.4	29
71	Schwann Cells Increase Prostate and Pancreatic Tumor Cell Invasion Using Laminin Binding A6 Integrin. <i>Journal of Cellular Biochemistry</i> , 2016 , 117, 491-9	4.7	28
70	Degradation of fibronectin fibrils by matrilysin and characterization of the degradation products. <i>Experimental Cell Research</i> , 1995 , 221, 83-91	4.2	28
69	Nuclear factor, erythroid 2-like 2-associated molecular signature predicts lung cancer survival. <i>Scientific Reports</i> , 2015 , 5, 16889	4.9	27
68	Targeting integrin β stimulates curative-type bone metastasis lesions in a xenograft model. <i>Molecular Cancer Therapeutics</i> , 2014 , 13, 1558-66	6.1	27
67	Inhibition of p38-MAPK signaling pathway attenuates breast cancer induced bone pain and disease progression in a murine model of cancer-induced bone pain. <i>Molecular Pain</i> , 2011 , 7, 81	3.4	27
66	Synthetic D-amino acid peptide inhibits tumor cell motility on laminin-5. <i>Carcinogenesis</i> , 2006 , 27, 1748-57.6	4.6	27
65	Polyamine-dependent expression of the matrix metalloproteinase matrilysin in a human colon cancer-derived cell line. <i>Molecular Carcinogenesis</i> , 1994 , 11, 138-44	5	26
64	Reversal of resistance to methotrexate by hyperthermia in Chinese hamster ovary cells. <i>Cancer Research</i> , 1981 , 41, 3840-3	10.1	26
63	Activation of the cellular Harvey ras gene in mouse skin tumors initiated with urethane. <i>Molecular Carcinogenesis</i> , 1989 , 2, 34-9	5	25
62	The Cohesive Metastasis Phenotype in Human Prostate Cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2016 , 1866, 221-231	11.2	25
61	Acquisition of resistance toward HYD1 correlates with a reduction in cleaved β integrin expression and a compromised CAM-DR phenotype. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 2257-66	6.1	24
60	Metastasis Update: Human Prostate Carcinoma Invasion via Tubulogenesis. <i>Prostate Cancer</i> , 2011 , 2011, 249290	1.9	24

59	Role of Integrin β in Lung Endothelial Cell Inflammatory Responses to Mechanical Stress. <i>Scientific Reports</i> , 2015 , 5, 16529	4.9	23
58	Integrin- and cadherin-mediated induction of the matrix metalloprotease matrilysin in cocultures of malignant oral squamous cell carcinoma cells and dermal fibroblasts. <i>Experimental Cell Research</i> , 2001 , 270, 259-67	4.2	22
57	Expression of beta-actin during progression of mouse skin tumors. <i>Carcinogenesis</i> , 1989 , 10, 1439-44	4.6	22
56	Biosynthesis and secretion of laminin and S-laminin by human prostate carcinoma cell lines. <i>Prostate</i> , 1994 , 25, 97-107	4.2	20
55	Heat shock-induced shedding of cell surface integrins in A549 human lung tumor cells in culture. <i>Experimental Cell Research</i> , 1994 , 210, 46-51	4.2	20
54	Identification of attachment proteins for DNA in Chinese hamster ovary cells. <i>Journal of Biological Chemistry</i> , 1988 , 263, 19678-83	5.4	20
53	Spatial Mapping of Myeloid Cells and Macrophages by Multiplexed Tissue Staining. <i>Frontiers in Immunology</i> , 2018 , 9, 2925	8.4	20
52	Macrophage-dependent cleavage of the laminin receptor β in prostate cancer. <i>Molecular Cancer Research</i> , 2011 , 9, 1319-28	6.6	19
51	alpha6 integrin cleavage: sensitizing human prostate cancer to ionizing radiation. <i>International Journal of Radiation Biology</i> , 2007 , 83, 761-7	2.9	19
50	Integrin-dependent amplification of the G2 arrest induced by ionizing radiation. <i>Prostate</i> , 2006 , 66, 88-96	4.2	19
49	Persistent intracellular binding of mitoxantrone in a human colon carcinoma cell line. <i>Biochemical Pharmacology</i> , 1989 , 38, 4283-90	6	19
48	Epigenetic regulation of the cell type-specific gene 14-3-3sigma. <i>Neoplasia</i> , 2005 , 7, 799-808	6.4	18
47	Characterization of Laminin Binding Integrin Internalization in Prostate Cancer Cells. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 1038-1049	4.7	17
46	Multiple drug resistance and intermediate filaments. <i>Cancer and Metastasis Reviews</i> , 1996 , 15, 499-506	9.6	17
45	Role played by paxillin and paxillin tyrosine phosphorylation in hepatocyte growth factor/sphingosine-1-phosphate-mediated reactive oxygen species generation, lamellipodia formation, and endothelial barrier function. <i>Pulmonary Circulation</i> , 2015 , 5, 619-30	2.7	16
44	Altered surface expression and increased turnover of the alpha6beta4 integrin in an undifferentiated carcinoma. <i>Carcinogenesis</i> , 2000 , 21, 325-30	4.6	16
43	Androgen control of cell proliferation and cytoskeletal reorganization in human fibrosarcoma cells: role of RhoB signaling. <i>Journal of Biological Chemistry</i> , 2004 , 279, 937-44	5.4	15
42	Regulation of inside-out β -integrin activation by CDCP1. <i>Oncogene</i> , 2018 , 37, 2817-2836	9.2	14

41	Androgen regulation of the human FERM domain encoding gene EHM2 in a cell model of steroid-induced differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 310, 421-32 ^{3,4}		13
40	Role of secreted extracellular nicotinamide phosphoribosyltransferase (eNAMPT) in prostate cancer progression: Novel biomarker and therapeutic target. <i>EBioMedicine</i> , 2020 , 61, 103059	8.8	13
39	A basal cell defect promotes budding of prostatic intraepithelial neoplasia. <i>Journal of Cell Science</i> , 2017 , 130, 104-110	5.3	12
38	Androgen receptor-induced integrin $\beta 1$ and Bnip3 promote survival and resistance to PI3K inhibitors in castration-resistant prostate cancer. <i>Oncogene</i> , 2020 , 39, 5390-5404	9.2	11
37	Simplified purification procedure of laminin-332 and laminin-511 from human cell lines. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 375, 410-3	3.4	11
36	Hydroxyurea inhibits ODC induction, but not the G1 to S phase transition. <i>Biochemical and Biophysical Research Communications</i> , 1979 , 87, 773-80	3.4	11
35	Thermal Enhancement of X-Ray-Induced DNA Crosslinking. <i>Radiation Research</i> , 1982 , 89, 203	3.1	11
34	Centrosome loss results in an unstable genome and malignant prostate tumors. <i>Oncogene</i> , 2020 , 39, 399-413	9.2	11
33	Novel Regulation of Integrin Trafficking by Rab11-FIP5 in Aggressive Prostate Cancer. <i>Molecular Cancer Research</i> , 2018 , 16, 1319-1331	6.6	11
32	Intracellular modifiers of integrin alpha 6p production in aggressive prostate and breast cancer cell lines. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 454, 335-40	3.4	10
31	The minimum element of a synthetic peptide required to block prostate tumor cell migration. <i>Cancer Biology and Therapy</i> , 2006 , 5, 1556-62	4.6	10
30	Delta-type DNA polymerase characterized from <i>Drosophila melanogaster</i> embryos. <i>Nucleic Acids Research</i> , 1992 , 20, 5779-84	20.1	10
29	The crosslinking of nuclear protein to DNA using ionizing radiation. <i>Journal of Cancer Research and Clinical Oncology</i> , 1990 , 116, 324-30	4.9	10
28	Alteration of cellular adhesion by heat shock. <i>Experimental Cell Research</i> , 1990 , 190, 40-6	4.2	10
27	Supporting the academic mission in an era of constrained resources: approaches at the University of Arizona College of Medicine. <i>Academic Medicine</i> , 2008 , 83, 837-44	3.9	8
26	Modification of keratin by the chemotherapeutic drug mitoxantrone. <i>Biochemical Pharmacology</i> , 1988 , 37, 3043-6	6	8
25	pH stepwise alkaline elution of DNA replication intermediates during S phase. <i>Biochemical and Biophysical Research Communications</i> , 1981 , 102, 845-53	3.4	8
24	Gene Editing of β Integrin Inhibits Muscle Invasive Networks and Increases Cell-Cell Biophysical Properties in Prostate Cancer. <i>Cancer Research</i> , 2019 , 79, 4703-4714	10.1	7

23	Spatially and temporally regulated alpha6 integrin cleavage during <i>Xenopus laevis</i> development. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 366, 779-85	3.4	7
22	Nuclear protein organization and the repair of radiation damage. <i>Carcinogenesis</i> , 1989 , 10, 939-43	4.6	7
21	Laminin-binding integrin gene copy number alterations in distinct epithelial-type cancers. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 940-54	3	7
20	A Method to Reuse Archived H&E Stained Histology Slides for a Multiplex Protein Biomarker Analysis. <i>Methods and Protocols</i> , 2019 , 2,	2.5	7
19	A method of quantifying centrosomes at the single-cell level in human normal and cancer tissue. <i>Molecular Biology of the Cell</i> , 2019 , 30, 811-819	3.5	6
18	A comprehensive space management model for facilitating programmatic research. <i>Academic Medicine</i> , 2008 , 83, 207-16	3.9	6
17	Human Cell Surface Receptors as Molecular Imaging Candidates for Metastatic Prostate Cancer. <i>The Open Prostate Cancer Journal</i> , 2009 , 2, 59-66		6
16	Targeting the Cohesive Cluster Phenotype in Chordoma via α Integrin Increases Ionizing Radiation Efficacy. <i>Neoplasia</i> , 2017 , 19, 919-927	6.4	5
15	A DNA polymerase alpha-associated 56 kDa protein kinase. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 190, 325-31	3.4	5
14	Combined micro CT and histopathology for evaluation of skeletal metastasis in live animals. <i>American Journal of Translational Research (discontinued)</i> , 2015 , 7, 348-55	3	5
13	The Tumor Microenvironments of Lethal Prostate Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1210, 149-170	3.6	5
12	EDC3 phosphorylation regulates growth and invasion through controlling P-body formation and dynamics. <i>EMBO Reports</i> , 2021 , 22, e50835	6.5	5
11	Direct phosphorylation and stabilization of HIF-1 α by PIM1 kinase drives angiogenesis in solid tumors. <i>Oncogene</i> , 2021 , 40, 5142-5152	9.2	5
10	Integrin β 4E variant is associated with actin and CD9 structures and modifies the biophysical properties of cell-cell and cell-extracellular matrix interactions. <i>Molecular Biology of the Cell</i> , 2019 , 30, 838-850	3.5	4
9	Integrin A6 Cleavage in Mouse Skin Tumors. <i>The Open Cancer Journal</i> , 2008 , 2, 1-4		4
8	CC16 Binding to α Integrin Protects against Infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 1410-1418	10.2	4
7	Transient dephosphorylation of p53 serine 376 as an early response to ionizing radiation. <i>Radiation Research</i> , 2009 , 171, 725-34	3.1	2
6	A mutation found in esophageal cancer alters integrin β mRNA splicing. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 529, 726-732	3.4	2

5	Profiles of human melanoma cell surface proteins: effects of culturing on two different substrates. <i>Pigment Cell & Melanoma Research</i> , 1990 , 3, 44-8		1
4	Cohesive cancer invasion of the biophysical barrier of smooth muscle. <i>Cancer and Metastasis Reviews</i> , 2021 , 40, 205-219	9.6	1
3	EVL is a novel focal adhesion protein involved in the regulation of cytoskeletal dynamics and vascular permeability. <i>Pulmonary Circulation</i> , 2021 , 11, 20458940211049002	2.7	0
2	Immunofluorescence-based Determination of Centrosome Number in Tissue Samples. <i>Bio-protocol</i> , 2019 , 9, e3396	0.9	
1	Prevention of Prostate Cancer 2014 , 491-531		