

Dong Liu Barraclough

List of Publications by Year in descending order

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97
papers

4,150
citations

101496

36
h-index

123376

61
g-index

100
all docs

100
docs citations

100
times ranked

3674
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of the C-Terminal Lysine of S100P in S100P-Induced Cell Migration and Metastasis. <i>Biomolecules</i> , 2021, 11, 1471.	1.8	2
2	Cathepsin Z as a novel potential biomarker for osteoporosis. <i>Scientific Reports</i> , 2019, 9, 9752.	1.6	12
3	Metastasis-inducing protein S100A4 interacts with p53 in the nuclei of living cells. <i>Precision Radiation Oncology</i> , 2019, 3, 23-28.	0.4	0
4	Altered Levels of mRNAs for Calcium-Binding/Associated Proteins, Annexin A1, S100A4, and TMEM64, in Peripheral Blood Mononuclear Cells Are Associated with Osteoporosis. <i>Disease Markers</i> , 2019, 2019, 1-9.	0.6	7
5	Assessing Estrogen-Induced Proliferative Response in an Endometrial Cancer Cell Line Using a Universally Applicable Methodological Guide. <i>International Journal of Gynecological Cancer</i> , 2018, 28, 122-133.	1.2	9
6	High AGR2 protein is a feature of low grade endometrial cancer cells. <i>Oncotarget</i> , 2018, 9, 31459-31472.	0.8	11
7	Circulating microRNAs as potential diagnostic biomarkers for osteoporosis. <i>Scientific Reports</i> , 2018, 8, 8421.	1.6	84
8	S100A4 Elevation Empowers Expression of Metastasis Effector Molecules in Human Breast Cancer. <i>Cancer Research</i> , 2017, 77, 780-789.	0.4	22
9	Activation of tissue plasminogen activator by metastasis-inducing S100P protein. <i>Biochemical Journal</i> , 2017, 474, 3227-3240.	1.7	6
10	The metastasis-inducing protein AGR2 is O-glycosylated upon secretion from mammary epithelial cells. <i>Molecular and Cellular Biochemistry</i> , 2015, 408, 245-252.	1.4	14
11	Joining S100 proteins and migration: for better or for worse, in sickness and in health. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 1551-1579.	2.4	144
12	Metastasis-Promoting Anterior Gradient 2 Protein Has a Dimeric Thioredoxin Fold Structure and a Role in Cell Adhesion. <i>Journal of Molecular Biology</i> , 2013, 425, 929-943.	2.0	55
13	S100P Dissociates Myosin IIA Filaments and Focal Adhesion Sites to Reduce Cell Adhesion and Enhance Cell Migration. <i>Journal of Biological Chemistry</i> , 2012, 287, 15330-15344.	1.6	64
14	Aberrant expression of metastasis-inducing proteins in ectopic and matched eutopic endometrium of women with endometriosis: implications for the pathogenesis of endometriosis. <i>Human Reproduction</i> , 2012, 27, 394-407.	0.4	43
15	Asymmetric Mode of Ca ²⁺ -S100A4 Interaction with Nonmuscle Myosin IIA Generates Nanomolar Affinity Required for Filament Remodeling. <i>Structure</i> , 2012, 20, 654-666.	1.6	46
16	Statistical Association of Basal Cell Keratins with Metastasis-Inducing Proteins in a Prognostically Unfavorable Group of Sporadic Breast Cancers. <i>American Journal of Pathology</i> , 2011, 179, 1061-1072.	1.9	17
17	S100A4 downregulates filopodia formation through increased dynamic instability. <i>Cell Adhesion and Migration</i> , 2011, 5, 439-447.	1.1	10
18	Self-association of Calcium-binding Protein S100A4 and Metastasis. <i>Journal of Biological Chemistry</i> , 2010, 285, 914-922.	1.6	37

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19	Increased plasma concentrations of anterior gradient 2 protein are positively associated with ovarian cancer. <i>Clinical Science</i> , 2010, 118, 717-725.	1.8	42
20	Significance of the Fanconi Anemia FANCD2 Protein in Sporadic and Metastatic Human Breast Cancer. <i>American Journal of Pathology</i> , 2010, 176, 2935-2947.	1.9	37
21	Microarray analysis of suppression subtracted hybridisation libraries identifies genes associated with breast cancer progression. <i>Cellular Oncology</i> , 2010, 32, 87-99.	1.9	4
22	Molecular analysis of a collection of clinical specimens stored at 4Â°C as an alternative to snap-freezing. <i>International Journal of Oncology</i> , 2009, , .	1.4	3
23	The Metastasis-Associated Anterior Gradient 2 Protein Is Correlated with Poor Survival of Breast Cancer Patients. <i>American Journal of Pathology</i> , 2009, 175, 1848-1857.	1.9	80
24	ATP depletion induces translocation of STIM1 to puncta and formation of STIM1â€“ORAI1 clusters: translocation and re-translocation of STIM1 does not require ATP. <i>Pflugers Archiv European Journal of Physiology</i> , 2008, 457, 505-517.	1.3	40
25	Expression and splicing of the unfolded protein response gene XBPâ€“1 are significantly associated with clinical outcome of endocrineâ€“treated breast cancer. <i>International Journal of Cancer</i> , 2008, 123, 85-88.	2.3	149
26	Single-Molecule Imaging and Fluorescence Lifetime Imaging Microscopy Show Different Structures for High- and Low-Affinity Epidermal Growth Factor Receptors in A431 Cells. <i>Biophysical Journal</i> , 2008, 94, 803-819.	0.2	79
27	The basic C-terminal amino acids of calcium-binding protein S100A4 promote metastasis. <i>Carcinogenesis</i> , 2008, 29, 2259-2266.	1.3	43
28	Increased expression of anterior gradient-2 is significantly associated with poor survival of prostate cancer patients. <i>Prostate Cancer and Prostatic Diseases</i> , 2007, 10, 293-300.	2.0	70
29	AGR2, a novel metastasis inducing protein with an effect on breast cancer patient survival. <i>Breast Cancer Research</i> , 2006, 8, 1.	2.2	1
30	Significance of the metastasis-inducing protein AGR2 for outcome in hormonally treated breast cancer patients. <i>British Journal of Cancer</i> , 2006, 94, 1057-1065.	2.9	136
31	Association of S100A4 and osteopontin with specific prognostic factors and survival of patients with minimally invasive breast cancer.. <i>Clinical Cancer Research</i> , 2006, 12, 1192-1200.	3.2	81
32	Induction of Metastasis by S100P in a Rat Mammary Model and Its Association with Poor Survival of Breast Cancer Patients. <i>Cancer Research</i> , 2006, 66, 1199-1207.	0.4	142
33	Mutually antagonistic actions of S100A4 and S100A1 on normal and metastatic phenotypes. <i>Oncogene</i> , 2005, 24, 1445-1454.	2.6	48
34	The C-terminal region of S100A4 is important for its metastasis-inducing properties. <i>Oncogene</i> , 2005, 24, 4401-4411.	2.6	41
35	Interaction of metastasis-inducing S100A4 protein in vivo by fluorescence lifetime imaging microscopy. <i>European Biophysics Journal</i> , 2005, 34, 19-27.	1.2	25
36	Human Homologue of Cement Gland Protein, a Novel Metastasis Inducer Associated with Breast Carcinomas. <i>Cancer Research</i> , 2005, 65, 3796-3805.	0.4	208

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37	Heterodimeric interaction and interfaces of S100A1 and S100P. <i>Biochemical Journal</i> , 2004, 382, 375-383.	1.7	31
38	Examination of tumour histopathology and gene expression in a neu/S100A4 transgenic model of metastatic breast cancer. <i>International Journal of Experimental Pathology</i> , 2003, 84, 173-184.	0.6	8
39	The Crystal Structure at 2Å... Resolution of the Ca ²⁺ -binding Protein S100P. <i>Journal of Molecular Biology</i> , 2003, 325, 785-794.	2.0	58
40	Identification of mRNAs differentially-expressed between benign and malignant breast tumour cells. <i>British Journal of Cancer</i> , 2002, 87, 423-431.	2.9	78
41	Transfection of S100A4 Produces Metastatic Variants of an Orthotopic Model of Bladder Cancer. <i>American Journal of Pathology</i> , 2002, 160, 693-700.	1.9	34
42	Crystallization and preliminary crystallographic analysis of a metastasis-inducing protein, human S100A4. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 127-129.	2.5	2
43	Purification, crystallization and preliminary X-ray diffraction studies of a Ca ²⁺ -binding protein, human S100P. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 694-696.	2.5	3
44	Expression of S100A4 protein is associated with metastasis and reduced survival in human bladder cancer. <i>Journal of Pathology</i> , 2002, 196, 292-299.	2.1	104
45	METASTASIS-INDUCING DNA REGULATES THE EXPRESSION OF THE OSTEOPONTIN GENE BY BINDING THE TRANSCRIPTION FACTOR TCF-4. , 2002, 61, 5619-29.		50
46	Prognostic significance of the metastasis-associated protein osteopontin in human breast cancer. <i>Cancer Research</i> , 2002, 62, 3417-27.	0.4	200
47	Binding to Intracellular Targets of the Metastasis-Inducing Protein, S100A4 (p9Ka). <i>Biochemical and Biophysical Research Communications</i> , 2001, 286, 1212-1217.	1.0	77
48	Preliminary X-ray crystallographic analysis of a Ca ²⁺ -binding protein human S100A1. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2001, 57, 882-883.	2.5	4
49	Regulatory region of metastasis-inducing DNA is the binding site for T cell factor-4. <i>Oncogene</i> , 2001, 20, 1793-1797.	2.6	36
50	Differential Modulation of Transcriptional Activity of Estrogen Receptors by Direct Protein-Protein Interactions with the T Cell Factor Family of Transcription Factors. <i>Journal of Biological Chemistry</i> , 2001, 276, 41675-41682.	1.6	59
51	Comparison of the metastasis-inducing protein S100A4 (p9ka) with other prognostic markers in human breast cancer. , 2000, 89, 198-208.		73
52	Localisation by in situ hybridisation of S100A4 (p9Ka) mRNA in primary human breast tumour specimens. , 2000, 86, 219-228.		28
53	Variant estrogen receptor β mRNAs in human breast cancer specimens. <i>International Journal of Cancer</i> , 2000, 88, 209-216.	2.3	29
54	Expression of calcium-binding protein S100A2 in breast lesions. <i>British Journal of Cancer</i> , 2000, 83, 1473-1479.	2.9	115

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55	Interaction in Vivo and in Vitro of the Metastasis-inducing S100 Protein, S100A4 (p9Ka) with S100A1. Journal of Biological Chemistry, 2000, 275, 11141-11146.	1.6	66
56	Prostaglandin F2 \pm (PGF2 \pm) Induces Cyclin D1 Expression and DNA Synthesis via Early Signaling Mechanisms in Swiss Mouse 3T3 Cells. Biochemical and Biophysical Research Communications, 2000, 270, 11-16.	1.0	9
57	Differential Reactivity of the RatS100A4(p9Ka) Gene to Sodium Bisulfite Is Associated with Differential Levels of the S100A4 (p9Ka) mRNA in Rat Mammary Epithelial Cells. Journal of Biological Chemistry, 1999, 274, 2483-2491.	1.6	10
58	Human S100A4 (p9Ka) induces the metastatic phenotype upon benign tumour cells. Oncogene, 1998, 17, 465-473.	2.6	108
59	Cytoplasmic staining of c-erbB-2 is not associated with the presence of detectable c-erbB-2 mRNA in breast cancer specimens. , 1998, 76, 459-463.		39
60	Calcium-binding protein S100A4 in health and disease. Biochimica Et Biophysica Acta - Molecular Cell Research, 1998, 1448, 190-199.	1.9	119
61	Stem cells in breast epithelia. International Journal of Experimental Pathology, 1998, 79, 193-206.	0.6	25
62	Transcriptional Down-regulation of the Metastasis-inducing S100A4 (p9Ka) in Benign but Not in Malignant Rat Mammary Epithelial Cells by GC-factor. Journal of Biological Chemistry, 1997, 272, 20283-20290.	1.6	17
63	Isolation of and effector for metastasis-inducing DNAs from a human metastatic carcinoma cell line. Oncogene, 1997, 14, 1581-1588.	2.6	45
64	Elevated expression of calcium-binding protein p9Ka is associated with increasing malignant characteristics of rat prostate carcinoma cells. , 1997, 71, 832-837.		26
65	Mammary stem cells in normal development and cancer. , 1997, , 147-232.		22
66	Human diadenosine 5 \hat{c} 2,5 \hat{c} -P1,P4-tetraphosphate pyrophosphohydrolase (Ap4A hydrolase) possesses a MutT motif. Biochemical Society Transactions, 1996, 24, 209S-209S.	1.6	1
67	<i>S100A3</i> mRNA expression displays an inverse correlation to breast cancer progression. Biochemical Society Transactions, 1996, 24, 340S-340S.	1.6	9
68	Protein interactions between S100A4 (p9Ka) and other cellular proteins identified using <i>In Vitro</i> methods. Biochemical Society Transactions, 1996, 24, 341S-341S.	1.6	4
69	Hormonal control of transcription from two mammary specific promoters in a rat mammary epithelial cell line. Biochemical Society Transactions, 1996, 24, 351S-351S.	1.6	0
70	Regulatory elements in the first intron of the rat S100A4 (p9Ka) gene. Biochemical Society Transactions, 1996, 24, 352S-352S.	1.6	4
71	The identification of metastasis-related gene products in a rodent mammary tumour model. Biochemical Society Transactions, 1996, 24, 353S-353S.	1.6	4
72	Identification of the region(s) of human DNA responsible for metastasis in breast cancer. Biochemical Society Transactions, 1996, 24, 354S-354S.	1.6	0

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73	Growth & mammary abnormalities in mice containing an altered calcium-binding protein transgene. <i>Biochemical Society Transactions</i> , 1996, 24, 356S-356S.	1.6	1
74	Effect on tumorigenicity and metastasis of transfection of a diploid benign rat mammary epithelial cell line with DNA corresponding to the mRNA for basic fibroblast growth factor. , 1996, 65, 104-111.		6
75	Expression of the Rat, S-100-Related, Calcium-Binding Protein Gene, p9Ka, in Transgenic Mice Demonstrates Different Patterns of Expression Between These Two Species. <i>DNA and Cell Biology</i> , 1995, 14, 825-832.	0.9	32
76	Production of the metastatic phenotype by DNA transfection in a rat mammary model.. <i>Cell Biology International</i> , 1993, 17, 871-880.	1.4	16
77	Ectopic production of heparin-binding growth factors and receptors for basic fibroblast growth factor by rat mammary epithelial cell lines derived from malignant metastatic tumours. <i>International Journal of Cancer</i> , 1993, 54, 629-635.	2.3	20
78	A rapid procedure for production of human basic fibroblast growth factor in Escherichia coli cells. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1992, 1131, 307-310.	2.4	34
79	p9Ka, A Calcium-Ion-Binding Protein of Cultured Myoepithelial Cells. , 1991, , 105-123.		1
80	Transfection of a non-metastatic diploid rat mammary epithelial cell line with the oncogenes for EJ-RAS-1 and polyoma large T antigen. <i>International Journal of Cancer</i> , 1990, 46, 1071-1080.	2.3	5
81	Differentiation of simian virus 40 transformed human mammary epithelial stem cell lines to myoepithelial-like cells is associated with increased expression of viral large T antigen. <i>Journal of Cellular Physiology</i> , 1990, 142, 657-665.	2.0	8
82	Synthesis of basic fibroblast growth factor upon differentiation of rat mammary epithelial to myoepithelial-like cells in culture. <i>Journal of Cellular Physiology</i> , 1990, 144, 333-344.	2.0	42
83	Generation of Metastatic Variants by Transfection of a Nonmetastatic Rat Mammary Epithelial Cell Line with DNA from a Metastatic Rat Mammary Cell Line. <i>Pathobiology</i> , 1990, 58, 329-342.	1.9	13
84	Calcium-ion binding by the potential calcium-ion-binding protein, p9Ka. <i>Biochemical and Biophysical Research Communications</i> , 1990, 169, 660-666.	1.0	13
85	High-level production of human acidic fibroblast growth factor in E. coli cells: Inhibition of DNA synthesis in rat mammary fibroblasts at high concentrations of growth factor. <i>Biochemical and Biophysical Research Communications</i> , 1990, 171, 963-971.	1.0	18
86	Isolation of Simian Virus 40-transformed human mammary epithelial stem cell lines that can differentiate to myoepithelial-like cells in culture and in vivo. <i>Developmental Biology</i> , 1989, 136, 167-180.	0.9	40
87	Stem cells in mammary gland differentiation and cancer. <i>Journal of Cell Science</i> , 1988, 1988, 95-114.	1.2	25
88	Control of expression of the novel potential calcium-binding protein, p9Ka, in cultured rat mammary cells. <i>Biochemical Society Transactions</i> , 1988, 16, 1061-1062.	1.6	0
89	Molecular cloning and sequence of the gene for p9Ka a cultured myoepithelial cell protein with strong homology to S-100, a calcium-binding protein. <i>Journal of Molecular Biology</i> , 1987, 198, 13-20.	2.0	102
90	Differential control of mRNA levels for Thy-1 antigen and laminin in rat mammary epithelial and myoepithelial-like cells. <i>Journal of Cellular Physiology</i> , 1987, 131, 393-401.	2.0	31

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91	Control of type IV collagen production in rat mammary epithelial and myoepithelial-like cells. <i>Journal of Cellular Physiology</i> , 1986, 128, 76-84.	2.0	18
92	Elongated cells derived from rat mammary cuboidal epithelial cell lines resemble cultured mesenchymal cells in their pattern of protein synthesis. <i>Biochemical and Biophysical Research Communications</i> , 1984, 120, 351-358.	1.0	24
93	Control of Protein Synthesis in Cuboidal Rat Mammary Epithelial Cells in Culture. Changes in Gene Expression Accompany the Formation of Elongated Cells. <i>FEBS Journal</i> , 1982, 129, 335-341.	0.2	42
94	Protein synthesis in chloroplasts IX. Assembly of newly-synthesized large subunits into ribulose bishosphate carboxylase in isolated intact pea chloroplasts. <i>Nucleic Acids and Protein Synthesis</i> , 1980, 608, 19-31.	1.7	263
95	Synthesis, Transport and Assembly of Chloroplast Proteins. , 1980, , 321-335.		10
96	The Biosynthesis of Ribulose Bisphosphate Carboxylase. Uncoupling of the Synthesis of the Large and Small Subunits in Isolated Soybean Leaf Cells. <i>FEBS Journal</i> , 1979, 94, 165-177.	0.2	68
97	Gramicidin S Synthetase: Variations in the Activities of the Light and Heavy Enzymes with Growth of Culture of <i>Bacillus brevis</i> . <i>Biochemical Society Transactions</i> , 1975, 3, 534-536.	1.6	1