

# Lan Bo Chen

## List of Publications by Year in descending order

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73  
papers

10,713  
citations

53794

45  
h-index

88630

70  
g-index

73  
all docs

73  
docs citations

73  
times ranked

10987  
citing authors

#	ARTICLE	IF	CITATIONS
1	HSP70 stimulates cytokine production through a CD14-dependant pathway, demonstrating its dual role as a chaperone and cytokine. <i>Nature Medicine</i> , 2000, 6, 435-442.	30.7	1,497
2	Mitochondrial Membrane Potential in Living Cells. <i>Annual Review of Cell Biology</i> , 1988, 4, 155-181.	26.1	946
3	J-aggregate formation of a carbocyanine as a quantitative fluorescent indicator of membrane potential. <i>Biochemistry</i> , 1991, 30, 4480-4486.	2.5	939
4	Differentiation and reversal of malignant changes in colon cancer through PPAR $\beta$ . <i>Nature Medicine</i> , 1998, 4, 1046-1052.	30.7	933
5	[29] Mitochondrial membrane potential monitored by JC-1 dye. <i>Methods in Enzymology</i> , 1995, 260, 406-417.	1.0	591
6	Dynamic behavior of endoplasmic reticulum in living cells. <i>Cell</i> , 1988, 54, 37-46.	28.9	457
7	Localization of endoplasmic reticulum in living and glutaraldehyde-fixed cells with fluorescent dyes. <i>Cell</i> , 1984, 38, 101-108.	28.9	394
8	Studies on intercellular LETS glycoprotein matrices. <i>Cell</i> , 1978, 14, 377-391.	28.9	322
9	A rare-cell detector for cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10501-10504.	7.1	322
10	Molecular Cloning Of Human Paxillin, a Focal Adhesion Protein Phosphorylated by P210BCR/ABL. <i>Journal of Biological Chemistry</i> , 1995, 270, 5039-5047.	3.4	246
11	Inactivation of DNA-Dependent Protein Kinase by Protein Kinase C $\delta$ : Implications for Apoptosis. <i>Molecular and Cellular Biology</i> , 1998, 18, 6719-6728.	2.3	205
12	Chapter 7 Fluorescent Labeling of Mitochondria. <i>Methods in Cell Biology</i> , 1988, 29, 103-123.	1.1	183
13	Identification of genes regulated by Dexamethasone in multiple myeloma cells using oligonucleotide arrays. <i>Oncogene</i> , 2002, 21, 1346-1358.	5.9	170
14	Alteration in cell surface LETS protein during myogenesis. <i>Cell</i> , 1977, 10, 393-400.	28.9	154
15	Effects of Pressure Overload on Extracellular Matrix Expression in the Heart of the Atrial Natriuretic Peptide $\beta$ -Null Mouse. <i>Hypertension</i> , 2003, 42, 88-95.	2.7	150
16	In vitro traits of adenovirus-transformed cell lines and their relevance to tumorigenicity in nude mice. <i>Cell</i> , 1977, 10, 669-678.	28.9	148
17	Elevated Serum Periostin Levels in Patients with Bone Metastases from Breast but not Lung Cancer. <i>Breast Cancer Research and Treatment</i> , 2003, 77, 245-252.	2.5	131
18	Tensin: A potential link between the cytoskeleton and signal transduction. <i>BioEssays</i> , 1994, 16, 817-823.	2.5	125

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19	Genome-wide expression analysis of therapy-resistant tumors reveals SPARC as a novel target for cancer therapy. <i>Journal of Clinical Investigation</i> , 2005, 115, 1492-1502.	8.2	125
20	Rhodamine 123 inhibits bioenergetic function in isolated rat liver mitochondria. <i>Biochemical and Biophysical Research Communications</i> , 1984, 118, 717-723.	2.1	124
21	Effects of protease treatment on growth, morphology, adhesion, and cell surface proteins of secondary chick embryo fibroblasts. <i>Cell</i> , 1976, 7, 407-412.	28.9	121
22	Absence of intermediate filaments in a human adrenal cortex carcinoma-derived cell line. <i>Experimental Cell Research</i> , 1986, 163, 509-517.	2.6	117
23	Progressive Kidney Degeneration in Mice Lacking Tensin. <i>Journal of Cell Biology</i> , 1997, 136, 1349-1361.	5.2	117
24	CRKL Links p210BCR/ABL with Paxillin in Chronic Myelogenous Leukemia Cells. <i>Journal of Biological Chemistry</i> , 1995, 270, 29145-29150.	3.4	114
25	p130CAS Forms a Signaling Complex with the Adapter Protein CRKL in Hematopoietic Cells Transformed by the BCR/ABL Oncogene. <i>Journal of Biological Chemistry</i> , 1996, 271, 25198-25203.	3.4	109
26	A phosphotyrosyl-protein phosphatase activity associated with acid phosphatase from human prostate gland. <i>FEBS Journal</i> , 1984, 138, 45-51.	0.2	108
27	Structure-Activity of Novel Rhodacyanine Dyes as Antitumor Agents. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 130-142.	6.4	99
28	Focal adhesion as a signal transduction organelle. <i>Cancer and Metastasis Reviews</i> , 1994, 13, 9-24.	5.9	96
29	Serum level of the periostin, a homologue of an insect cell adhesion molecule, as a prognostic marker in nonsmall cell lung carcinomas. <i>Cancer</i> , 2001, 92, 843-848.	4.1	95
30	Decreased uptake and retention of rhodamine 123 by mitochondria in feline sarcoma virus-transformed mink cells. <i>Cell</i> , 1982, 28, 7-14.	28.9	90
31	Periostin induction in tumor cell line explants and inhibition of in vitro cell growth by anti-periostin antibodies. <i>Carcinogenesis</i> , 2005, 26, 908-915.	2.8	88
32	Phosphatidylinositol-3-kinase signaling mediates vascular smooth muscle cell expression of periostin in vivo and in vitro. <i>Atherosclerosis</i> , 2006, 188, 292-300.	0.8	84
33	Expression of the focal adhesion protein paxillin in lung cancer and its relation to cell motility. <i>Oncogene</i> , 1999, 18, 67-77.	5.9	83
34	Monitoring the effect of anti-cancer drugs on L1210 cells by a mitochondrial probe, rhodamine-123. <i>International Journal of Cancer</i> , 1982, 30, 219-224.	5.1	82
35	Molecular characterization of human tensin. <i>Biochemical Journal</i> , 2000, 351, 403-411.	3.7	69
36	Identification of genes regulated by 2-methoxyestradiol (2ME2) in multiple myeloma cells using oligonucleotide arrays. <i>Blood</i> , 2003, 101, 3606-3614.	1.4	67

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37	Expression of Periostin, Homologous with an Insect Cell Adhesion Molecule, as a Prognostic Marker in Non-small Cell Lung Cancers. Japanese Journal of Cancer Research, 2001, 92, 869-873.	1.7	66
38	Thrombin-sensitive surface protein of cultured chick embryo cells. Nature, 1976, 259, 578-580.	27.8	59
39	MODULATION OF CELL SURFACE GLYCOCALYX: STUDIES ON LARGE, EXTERNAL, TRANSFORMATION-SENSITIVE PROTEIN. Annals of the New York Academy of Sciences, 1978, 312, 366-381.	3.8	59
40	Thrombin potentiates the mitogenic response of cultured fibroblasts to serum and other growth promoting agents. Journal of Cellular Physiology, 1977, 92, 233-239.	4.1	56
41	Synthesis and Evaluation of Chalcogenopyrylium Dyes as Potential Sensitizers for the Photodynamic Therapy of Cancer. Journal of Medicinal Chemistry, 1999, 42, 3953-3964.	6.4	56
42	Reliable and Sensitive Identification of Occult Tumor Cells Using the Improved Rare Event Imaging System. Clinical Cancer Research, 2004, 10, 3020-3028.	7.0	56
43	Synthesis and Evaluation of Novel Rhodacyanine Dyes That Exhibit Antitumor Activity. Journal of Medicinal Chemistry, 1997, 40, 3151-3160.	6.4	50
44	Serum level of the periostin, a homologue of an insect cell adhesion molecule, in thymoma patients. Cancer Letters, 2001, 172, 37-42.	7.2	50
45	Effects of the mitochondrial probe rhodamine 123 and related analogs on the function and viability of pulsating myocardial cells in culture. Agents and Actions, 1984, 14, 751-757.	0.7	48
46	Platelet-derived Growth Factor-induced Formation of Tensin and Phosphoinositide 3-Kinase Complexes. Journal of Biological Chemistry, 1996, 271, 23452-23457.	3.4	45
47	FP-21399 blocks HIV envelope protein-mediated membrane fusion and concentrates in lymph nodes. Nature Biotechnology, 1997, 15, 343-348.	17.5	43
48	Molecular Cloning and Characterization of Human Trabeculin-Î±, a Giant Protein Defining a New Family of Actin-binding Proteins. Journal of Biological Chemistry, 1999, 274, 33522-33530.	3.4	39
49	Possible role of fibronectin in malignancy. Journal of Supramolecular Structure, 1979, 12, 139-150.	2.3	38
50	Cytotoxic effect of thiacyanopyrylium dyes on human colon carcinoma cells and inhibition of bovine heart mitochondrial NADH-ubiquinone reductase activity via a rotenone-type mechanism by two of the dyes. Biochemical Pharmacology, 1993, 45, 691-696.	4.4	37
51	RHODAMINE-123 IS SELECTIVELY TOXIC AND PREFERENTIALLY RETAINED IN CARCINOMA CELLS IN VITRO. Annals of the New York Academy of Sciences, 1982, 397, 299-302.	3.8	32
52	Pharmacokinetic analysis and antitumor efficacy of MKT-077, a novel antitumor agent. Cancer Chemotherapy and Pharmacology, 1999, 43, 295-301.	2.3	27
53	Local inhibition of centripetal particle transport where LETS protein patterns appear on 3T3 cells. Nature, 1977, 266, 454-456.	27.8	26
54	Direct Effect of Gossypol on TR-ST Cells: Perturbation of Rhodamine 123 Accumulation in Mitochondria. Biology of Reproduction, 1984, 31, 1049-1060.	2.7	26

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55	The Bis-Azo Compound FP-21399 Inhibits HIV-1 Replication by Preventing Viral Entry. <i>Virology</i> , 1998, 244, 530-541.	2.4	25
56	A Fusion Inhibitor (FP-21399) for the Treatment of Human Immunodeficiency Virus Infection: A Phase I Study. <i>Journal of Infectious Diseases</i> , 2000, 182, 607-610.	4.0	24
57	Novel chemiluminescence assay for serum periostin levels in women with preeclampsia and in normotensive pregnant women. <i>American Journal of Obstetrics and Gynecology</i> , 2002, 186, 103-108.	1.3	20
58	Molecular characterization of human tensin. <i>Biochemical Journal</i> , 2000, 351, 403.	3.7	18
59	Malignant behaviour of three adenovirus-2-transformed brain cell lines and their methyl cellulose-selected sub-clones. <i>International Journal of Cancer</i> , 1979, 24, 477-484.	5.1	17
60	Characterization of a new monoclonal antibody to a cell surface antigen on colorectal cancer and fetal gut tissues. <i>Cancer</i> , 1986, 57, 433-440.	4.1	17
61	A monoclonal antibody recognizing a keratin filament protein in a subset of transitional and glandular epithelia. <i>Differentiation</i> , 1984, 27, 209-220.	1.9	15
62	Electron microscopic studies of the endoplasmic reticulum in whole-mount cultured cells fixed with potassium permanganate. <i>Journal of Structural Biology</i> , 1991, 107, 106-115.	2.8	14
63	ARE HIGH-MOLECULAR-WEIGHT GLYCOPROTEINS REGULATORS OF CELLULAR GROWTH?. <i>Annals of the New York Academy of Sciences</i> , 1978, 312, 293-298.	3.8	11
64	Human cell variants resistant to rhodamine 6G. <i>Somatic Cell and Molecular Genetics</i> , 1985, 11, 541-556.	0.7	11
65	Protein kinase in immunoprecipitate of DMBA-transformed epithelial cells with serum from tumour-bearing rabbits. <i>Nature</i> , 1980, 284, 462-464.	27.8	10
66	Detection and Analysis of Lung Cancer Cells from Body Fluids Using a Rare Event Imaging System. , 2003, 75, 423-430.		5
67	Keratin antibody localization in head and neck tissues and neoplasms. <i>Journal of Laryngology and Otology</i> , 1984, 98, 1241-1250.	0.8	4
68	Motility and Construction of the Endoplasmic Reticulum in Living Cells. <i>Sub-Cellular Biochemistry</i> , 1993, 21, 343-352.	2.4	4
69	Efficacy of SM-1 in a transient insomnia model. <i>Human Psychopharmacology</i> , 2019, 34, e2713.	1.5	2
70	Absence of Intermediate Filaments in a Human Adrenal Cortex Carcinoma-Derived Cell Line. <i>Annals of the New York Academy of Sciences</i> , 1985, 455, 762-765.	3.8	1
71	Pharmacodynamic and pharmacokinetic profile of SM-1, a triple-drug combination to increase total sleep time. <i>Human Psychopharmacology</i> , 2019, 34, e2716.	1.5	1
72	Determination of MKT-077, a novel antineoplastic agent, in plasma samples by high-performance liquid chromatography and its application to pharmacokinetics in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1999, 19, 423-428.	2.8	0

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73	Efficacy of the triple-combination SM-1 in a 5-h phase advance transient insomnia model. <i>Sleep and Biological Rhythms</i> , 2022, 20, 47-52.	1.0	0