

# Ming-Shyue Lee

## List of Publications by Year in descending order

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39  
papers

1,868  
citations

257450

24  
h-index

302126

39  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2511  
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishment and characterization of androgen-independent human prostate cancer LNCaP cell model. <i>Prostate</i> , 2002, 50, 222-235.	2.3	166
2	TMPRSS2, a Serine Protease Expressed in the Prostate on the Apical Surface of Luminal Epithelial Cells and Released into Semen in Prostatomes, Is Misregulated in Prostate Cancer Cells. <i>American Journal of Pathology</i> , 2010, 176, 2986-2996.	3.8	137
3	HAI-1 regulates activation and expression of matriptase, a membrane-bound serine protease. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 289, C462-C470.	4.6	133
4	ERK inhibitor PD98059 enhances docetaxel-induced apoptosis of androgen-independent human prostate cancer cells. <i>International Journal of Cancer</i> , 2003, 107, 478-485.	5.1	128
5	Androgen-Induced TMPRSS2 Activates Matriptase and Promotes Extracellular Matrix Degradation, Prostate Cancer Cell Invasion, Tumor Growth, and Metastasis. <i>Cancer Research</i> , 2015, 75, 2949-2960.	0.9	128
6	The Role and Mechanism of Epithelial-to-Mesenchymal Transition in Prostate Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2079.	4.1	92
7	Suppression of Free Fatty Acid-Induced Insulin Resistance by Phytopolyphenols in C2C12 Mouse Skeletal Muscle Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 1059-1066.	5.2	85
8	Simultaneous activation and hepatocyte growth factor activator inhibitor 1-mediated inhibition of matriptase induced at activation foci in human mammary epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 288, C932-C941.	4.6	74
9	Autoactivation of matriptase in vitro: requirement for biomembrane and LDL receptor domain. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 293, C95-C105.	4.6	72
10	Interaction between protein tyrosine phosphatase and protein tyrosine kinase is involved in androgen-promoted growth of human prostate cancer cells. <i>Oncogene</i> , 2000, 19, 2664-2677.	5.9	66
11	DECREASED EXPRESSION OF CELLULAR PROSTATIC ACID PHOSPHATASE INCREASES TUMORIGENICITY OF HUMAN PROSTATE CANCER CELLS. <i>Journal of Urology</i> , 2001, 166, 1943-1950.	0.4	66
12	Polarized epithelial cells secrete matriptase as a consequence of zymogen activation and HAI-1-mediated inhibition. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 297, C459-C470.	4.6	62
13	ErbB-2 signaling is involved in regulating PSA secretion in androgen-independent human prostate cancer LNCaP C-81 cells. <i>Oncogene</i> , 2003, 22, 781-796.	5.9	55
14	Expression of p66Shc protein correlates with proliferation of human prostate cancer cells. <i>Oncogene</i> , 2005, 24, 7203-7212.	5.9	55
15	Matriptase activation and shedding with HAI-1 is induced by steroid sex hormones in human prostate cancer cells, but not in breast cancer cells. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 291, C40-C49.	4.6	51
16	p66Shc protein is upregulated by steroid hormones in hormone-sensitive cancer cells and in primary prostate carcinomas. <i>International Journal of Cancer</i> , 2004, 108, 672-678.	5.1	44
17	Curcumin-Targeting Pericellular Serine Protease Matriptase Role in Suppression of Prostate Cancer Cell Invasion, Tumor Growth, and Metastasis. <i>Cancer Prevention Research</i> , 2013, 6, 495-505.	1.5	43
18	Purification from human milk of matriptase complexes with secreted serpins: mechanism for inhibition of matriptase other than HAI-1. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 295, C423-C431.	4.6	41

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19	Characterization of a Prostate-specific Tyrosine Phosphatase by Mutagenesis and Expression in Human Prostate Cancer Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 2544-2550.	3.4	34
20	Matriptase Is Involved in ErbB-2-Induced Prostate Cancer Cell Invasion. <i>American Journal of Pathology</i> , 2010, 177, 3145-3158.	3.8	34
21	Activation of sphingosine kinase by lipopolysaccharide promotes prostate cancer cell invasion and metastasis via SphK1/S1PR4/matriptase. <i>Oncogene</i> , 2019, 38, 5580-5598.	5.9	33
22	Inhibition of TMPRSS2 by HAI-2 reduces prostate cancer cell invasion and metastasis. <i>Oncogene</i> , 2020, 39, 5950-5963.	5.9	31
23	DIFFERENTIAL RESPONSIVENESS OF PROSTATIC ACID PHOSPHATASE AND PROSTATE-SPECIFIC ANTIGEN mRNA TO ANDROGEN IN PROSTATE CANCER CELLS. <i>Cell Biology International</i> , 2000, 24, 681-689.	3.0	27
24	Lysophosphatidic acid induces reactive oxygen species generation by activating protein kinase C in PC-3 human prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 564-569.	2.1	26
25	Tyrosine-317 of p52Shc mediates androgen-stimulated proliferation signals in human prostate cancer cells. <i>Oncogene</i> , 2004, 23, 3048-3058.	5.9	25
26	N-Glycan Branching Affects the Subcellular Distribution of and Inhibition of Matriptase by HAI-2/Placental Bikunin. <i>PLoS ONE</i> , 2015, 10, e0132163.	2.5	23
27	Revisiting histidine-dependent acid phosphatases: a distinct group of tyrosine phosphatases. <i>Trends in Biochemical Sciences</i> , 2009, 34, 273-278.	7.5	21
28	Afatinib Exerts Immunomodulatory Effects by Targeting the Pyrimidine Biosynthesis Enzyme CAD. <i>Cancer Research</i> , 2021, 81, 3270-3282.	0.9	16
29	The Kunitz Domain I of Hepatocyte Growth Factor Activator Inhibitor-2 Inhibits Matriptase Activity and Invasive Ability of Human Prostate Cancer Cells. <i>Scientific Reports</i> , 2017, 7, 15101.	3.3	14
30	HAI-2 as a novel inhibitor of plasmin represses lung cancer cell invasion and metastasis. <i>British Journal of Cancer</i> , 2019, 120, 499-511.	6.4	12
31	Natural Endogenous Human Matriptase and Prostatin Undergo Zymogen Activation via Independent Mechanisms in an Uncoupled Manner. <i>PLoS ONE</i> , 2016, 11, e0167894.	2.5	12
32	Ketamine Increases Permeability and Alters Epithelial Phenotype of Renal Distal Tubular Cells via a GSK $\beta$ -Dependent Mechanism. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 881-893.	2.6	11
33	Persistent elevation of hepatocyte growth factor activator inhibitors in cholangiopathies affects liver fibrosis and differentiation. <i>Hepatology</i> , 2012, 55, 161-172.	7.3	10
34	Antibody-assisted target identification reveals afatinib, an EGFR covalent inhibitor, down-regulating ribonucleotide reductase. <i>Oncotarget</i> , 2018, 9, 21512-21529.	1.8	10
35	Matriptase is inhibited by extravascular antithrombin in epithelial cells but not in most carcinoma cells. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C1093-C1103.	4.6	8
36	The central role of Sphingosine kinase 1 in the development of neuroendocrine prostate cancer (NEPC): A new targeted therapy of NEPC. <i>Clinical and Translational Medicine</i> , 2022, 12, e695.	4.0	8

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37	Molecular cloning and sequencing of a carp cDNA encoding mitogen-activated protein kinase kinase. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1994, 1220, 223-225.	4.1	6
38	Matriptase-2/NR4A3 axis switches TGF- $\beta$ 2 action toward suppression of prostate cancer cell invasion, tumor growth, and metastasis. <i>Oncogene</i> , 2022, 41, 2833-2845.	5.9	5
39	Genomic structure of carp mitogen-activated protein kinase kinase 1 gene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1996, 1306, 133-136.	2.4	4