

# Tang-Long Shen

## List of Publications by Year in descending order

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80  
papers

9,590  
citations

109137

35  
h-index

66788

78  
g-index

84  
all docs

84  
docs citations

84  
times ranked

15050  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumour exosome integrins determine organotropic metastasis. <i>Nature</i> , 2015, 527, 329-335.	13.7	3,688
2	Pancreatic cancer exosomes initiate pre-metastatic niche formation in the liver. <i>Nature Cell Biology</i> , 2015, 17, 816-826.	4.6	2,064
3	Exosomes in cancer development and clinical applications. <i>Cancer Science</i> , 2018, 109, 2364-2374.	1.7	271
4	Conditional knockout of focal adhesion kinase in endothelial cells reveals its role in angiogenesis and vascular development in late embryogenesis. <i>Journal of Cell Biology</i> , 2005, 169, 941-952.	2.3	265
5	Activation of FAK and Src are receptor-proximal events required for netrin signaling. <i>Nature Neuroscience</i> , 2004, 7, 1213-1221.	7.1	208
6	Emerging Roles of Focal Adhesion Kinase in Cancer. <i>BioMed Research International</i> , 2015, 2015, 1-13.	0.9	172
7	The Grb7 family proteins: structure, interactions with other signaling molecules and potential cellular functions. <i>Oncogene</i> , 2001, 20, 6315-6321.	2.6	159
8	Regulation of Focal Adhesion Kinase by Its Amino-Terminal Domain through an Autoinhibitory Interaction. <i>Molecular and Cellular Biology</i> , 2003, 23, 8030-8041.	1.1	157
9	Inactivation of focal adhesion kinase in cardiomyocytes promotes eccentric cardiac hypertrophy and fibrosis in mice. <i>Journal of Clinical Investigation</i> , 2005, 116, 217-227.	3.9	136
10	Compensatory role for Pyk2 during angiogenesis in adult mice lacking endothelial cell FAK. <i>Journal of Cell Biology</i> , 2008, 181, 43-50.	2.3	130
11	Overexpression of focal adhesion kinase in vascular endothelial cells promotes angiogenesis in transgenic mice. <i>Cardiovascular Research</i> , 2004, 64, 421-430.	1.8	96
12	Role of Grb7 Targeting to Focal Contacts and Its Phosphorylation by Focal Adhesion Kinase in Regulation of Cell Migration. <i>Journal of Biological Chemistry</i> , 2000, 275, 28911-28917.	1.6	93
13	Inhibition of Integrin-mediated Cell Adhesion but Not Directional Cell Migration Requires Catalytic Activity of EphB3 Receptor Tyrosine Kinase. <i>Journal of Biological Chemistry</i> , 2005, 280, 923-932.	1.6	92
14	Deep Lipidomics and Molecular Imaging of Unsaturated Lipid Isomers: A Universal Strategy Initiated by mCPBA Epoxidation. <i>Analytical Chemistry</i> , 2019, 91, 11905-11915.	3.2	92
15	Differential regulation of cell migration and cell cycle progression by FAK complexes with Src, PI3K, Grb7 and Grb2 in focal contacts. <i>FEBS Letters</i> , 2001, 499, 176-181.	1.3	86
16	Cell adhesion, morphology and biochemistry on nano-topographic oxidized silicon surfaces. , 2010, 20, 415-430.		78
17	Grb7 in intracellular signaling and its role in cell regulation. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 192.	3.0	77
18	The future of Extracellular Vesicles as Theranostics – an ISEV meeting report. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1809766.	5.5	77

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19	Mammary Epithelial-specific Deletion of the Focal Adhesion Kinase Gene Leads to Severe Lobulo-Alveolar Hypoplasia and Secretory Immaturity of the Murine Mammary Gland. <i>Journal of Biological Chemistry</i> , 2007, 282, 31766-31776.	1.6	76
20	C2GnT-M is downregulated in colorectal cancer and its re-expression causes growth inhibition of colon cancer cells. <i>Oncogene</i> , 2006, 25, 3267-3276.	2.6	72
21	EphB1 Associates with Grb7 and Regulates Cell Migration. <i>Journal of Biological Chemistry</i> , 2002, 277, 45655-45661.	1.6	67
22	A novel long non-coding RNA linc-ZNF469-3 promotes lung metastasis through miR-574-5p-ZEB1 axis in triple negative breast cancer. <i>Oncogene</i> , 2018, 37, 4662-4678.	2.6	61
23	Tyrosine Phosphorylation of Growth Factor Receptor-bound Protein-7 by Focal Adhesion Kinase in the Regulation of Cell Migration, Proliferation, and Tumorigenesis. <i>Journal of Biological Chemistry</i> , 2009, 284, 20215-20226.	1.6	59
24	Phosphorylation of Focal Adhesion Kinase at Tyr397 in Gastric Carcinomas and its Clinical Significance. <i>American Journal of Pathology</i> , 2010, 177, 1629-1637.	1.9	57
25	An EGFR/Src-dependent $\beta$ 24 integrin/FAK complex contributes to malignancy of breast cancer. <i>Scientific Reports</i> , 2015, 5, 16408.	1.6	52
26	Association of Grb7 with Phosphoinositides and Its Role in the Regulation of Cell Migration. <i>Journal of Biological Chemistry</i> , 2002, 277, 29069-29077.	1.6	51
27	Multiple Domains of the <i>Tobacco mosaic virus</i> p126 Protein Can Independently Suppress Local and Systemic RNA Silencing. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 648-657.	1.4	48
28	Conditional deletion of FAK in mice endothelium disrupts lung vascular barrier function due to destabilization of RhoA and Rac1 activities. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 305, L291-L300.	1.3	47
29	Basics and applications of tumor-derived extracellular vesicles. <i>Journal of Biomedical Science</i> , 2019, 26, 35.	2.6	47
30	Role of Focal Adhesion Kinase Ser-732 Phosphorylation in Centrosome Function during Mitosis. <i>Journal of Biological Chemistry</i> , 2009, 284, 9418-9425.	1.6	45
31	Overexpression of 14-3-3 $\mu$ predicts tumour metastasis and poor survival in hepatocellular carcinoma. <i>Histopathology</i> , 2011, 58, 705-711.	1.6	45
32	EGF-induced Grb7 Recruits and Promotes Ras Activity Essential for the Tumorigenicity of Sk-Br3 Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 29279-29285.	1.6	42
33	Cordycepin Regulates GSK-3 $\beta$ / $\beta$ -Catenin Signaling in Human Leukemia Cells. <i>PLoS ONE</i> , 2013, 8, e76320.	1.1	42
34	The paracrine induction of prostate cancer progression by caveolin-1. <i>Cell Death and Disease</i> , 2019, 10, 834.	2.7	41
35	The applications of <i>Lactobacillus plantarum</i> -derived extracellular vesicles as a novel natural antibacterial agent for improving quality and safety in tuna fish. <i>Food Chemistry</i> , 2021, 340, 128104.	4.2	40
36	Increased Expression of 14-3-3 $\eta$ Promotes Tumor Progression and Predicts Extrahepatic Metastasis and Worse Survival in Hepatocellular Carcinoma. <i>American Journal of Pathology</i> , 2011, 179, 2698-2708.	1.9	39

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37	Cordycepin Suppresses Integrin/FAK Signaling and Epithelial-Mesenchymal Transition in Hepatocellular Carcinoma. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 29-34.	0.9	37
38	Nck-2 interacts with focal adhesion kinase and modulates cell motility. <i>International Journal of Biochemistry and Cell Biology</i> , 2002, 34, 791-805.	1.2	34
39	Î²1,4-N-Acetylgalactosaminyltransferase III Enhances Malignant Phenotypes of Colon Cancer Cells. <i>Molecular Cancer Research</i> , 2007, 5, 543-552.	1.5	33
40	Bortezomib suppresses focal adhesion kinase expression via interrupting nuclear factor-kappa B. <i>Life Sciences</i> , 2010, 86, 199-206.	2.0	33
41	Grb7, a Critical Mediator of EGFR/ErbB Signaling, in Cancer Development and as a Potential Therapeutic Target. <i>Cells</i> , 2019, 8, 435.	1.8	33
42	Adiponectin and adiponectin receptor 1 overexpression enhance inflammatory bowel disease. <i>Journal of Biomedical Science</i> , 2018, 25, 24.	2.6	31
43	Activation of Aryl Hydrocarbon Receptor by Kynurenine Impairs Progression and Metastasis of Neuroblastoma. <i>Cancer Research</i> , 2019, 79, 5550-5562.	0.4	31
44	Synergistic property of cordycepin in cultivated <i>Cordyceps militaris</i> -mediated apoptosis in human leukemia cells. <i>Phytomedicine</i> , 2014, 21, 1516-1524.	2.3	30
45	Precision biomarker discovery powered by microscopy image fusion-assisted high spatial resolution ambient ionization mass spectrometry imaging. <i>Analytica Chimica Acta</i> , 2020, 1100, 75-87.	2.6	30
46	The function of porcine PPARÎ³ and dietary fish oil effect on the expression of lipid and glucose metabolism related genes. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 179-186.	1.9	27
47	Activation of focal adhesion kinase through an interaction with Î²4 integrin contributes to tumorigenicity of colon cancer. <i>FEBS Letters</i> , 2016, 590, 1826-1837.	1.3	26
48	Multiplex detection, distribution, and genetic diversity of Hop stunt viroid and Citrus exocortis viroid infecting citrus in Taiwan. <i>Virology Journal</i> , 2015, 12, 11.	1.4	23
49	Regulation of EBV LMP1-triggered EphA4 downregulation in EBV-associated B lymphoma and its impact on patients's survival. <i>Blood</i> , 2016, 128, 1578-1589.	0.6	23
50	Surface and Antimicrobial Activity of Sulfobetaines. <i>Journal of Surfactants and Detergents</i> , 2016, 19, 813-822.	1.0	23
51	14-3-3Ïƒ Regulates Î²-Catenin-Mediated Mouse Embryonic Stem Cell Proliferation by Sequestering GSK-3Î². <i>PLoS ONE</i> , 2012, 7, e40193.	1.1	21
52	Micropatterning of mammalian cells on inorganic-based nanosponges. <i>Biomaterials</i> , 2012, 33, 4988-4997.	5.7	19
53	Topoisomerase II-Mediated DNA Cleavage and Mutagenesis Activated by Nitric Oxide Underlie the Inflammation-Associated Tumorigenesis. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1129-1140.	2.5	19
54	Cryptic Diversity, Molecular Systematics, and Pathogenicity of Genus <i>Pestalotiopsis</i> and Allied Genera Causing Gray Blight Disease of Tea in Taiwan, With a Description of a New <i>Pseudopestalotiopsis</i> Species. <i>Plant Disease</i> , 2021, 105, 425-443.	0.7	19

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55	Investigating the Viral Suppressor HC-Pro Inhibiting Small RNA Methylation through Functional Comparison of HEN1 in Angiosperm and Bryophyte. <i>Viruses</i> , 2021, 13, 1837.	1.5	19
56	LPA1/3 signaling mediates tumor lymphangiogenesis through promoting CRT expression in prostate cancer. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1305-1315.	1.2	18
57	Lysophosphatidic Acid Enhances Vascular Endothelial Growth Factor-C Expression in Human Prostate Cancer PC-3 Cells. <i>PLoS ONE</i> , 2012, 7, e41096.	1.1	17
58	Ophiocordyceps formosana improves hyperglycemia and depression-like behavior in an STZ-induced diabetic mouse model. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 310.	3.7	16
59	Molecular networking as a dereplication strategy for monitoring metabolites of natural product treated cancer cells. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8549.	0.7	14
60	Solution Structure of the Oncogenic MIEN1 Protein Reveals a Thioredoxin-Like Fold with a Redox-Active Motif. <i>PLoS ONE</i> , 2012, 7, e52292.	1.1	12
61	The role of extracellular vesicles in prostate cancer with clinical applications. <i>Endocrine-Related Cancer</i> , 2020, 27, R133-R144.	1.6	12
62	DNA Topoisomerase III Alpha Regulates p53-Mediated Tumor Suppression. <i>Clinical Cancer Research</i> , 2014, 20, 1489-1501.	3.2	10
63	Gemini quaternary ammonium compound PMT12-BF4 inhibits <i>Candida albicans</i> via regulating iron homeostasis. <i>Scientific Reports</i> , 2020, 10, 2911.	1.6	10
64	Amelioration of 5-fluorouracil-induced intestinal mucositis by <i>Streptococcus thermophilus</i> ST4 in a mouse model. <i>PLoS ONE</i> , 2021, 16, e0253540.	1.1	10
65	Evaluation of an Epitypified <i>Ophiocordyceps formosana</i> ( <i>Cordyceps</i> s.l.) for Its Pharmacological Potential. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-13.	0.5	9
66	Arctigenin protects against steatosis in WRL68 hepatocytes through activation of phosphoinositide 3-kinase/protein kinase B and AMP-activated protein kinase pathways. <i>Nutrition Research</i> , 2018, 52, 87-97.	1.3	9
67	Involvement of p38 MAPK in the Anticancer Activity of Cultivated <i>Cordyceps militaris</i> . <i>The American Journal of Chinese Medicine</i> , 2015, 43, 1043-1057.	1.5	8
68	Grb7 Protein Stability Modulated by Pin1 in Association with Cell Cycle Progression. <i>PLoS ONE</i> , 2016, 11, e0163617.	1.1	8
69	Wnt5b integrates Fak1a to mediate gastrulation cell movements via Rac1 and Cdc42. <i>Open Biology</i> , 2020, 10, 190273.	1.5	8
70	The Role of Small Extracellular Vesicles in the Progression of Colorectal Cancer and Its Clinical Applications. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1379.	1.8	8
71	A mutual titer-enhancing relationship and similar localization patterns between <i>Citrus exocortis</i> viroid and Hop stunt viroid co-infecting two citrus cultivars. <i>Virology Journal</i> , 2015, 12, 142.	1.4	7
72	Exploration of the Proteomic Landscape of Small Extracellular Vesicles in Serum as Biomarkers for Early Detection of Colorectal Neoplasia. <i>Frontiers in Oncology</i> , 2021, 11, 732743.	1.3	7

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73	Resonance assignments of human C35 (C17orf37) protein, a novel tumor biomarker. <i>Biomolecular NMR Assignments</i> , 2010, 4, 191-193.	0.4	4
74	Sodium salicylate acts through direct inhibition of phosphoinositide 3-kinase-like kinases to modulate topoisomerase-mediated DNA damage responses. <i>European Journal of Pharmacology</i> , 2010, 638, 13-20.	1.7	4
75	Antifungal Activity of Morpholine and Piperidine Based Surfactants. <i>Tenside, Surfactants, Detergents</i> , 2020, 57, 104-108.	0.5	4
76	Lysophosphatidic acid receptors 2 and 3 regulate erythropoiesis at different hematopoietic stages. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158818.	1.2	4
77	Characterization and application of a common epitope recognized by a broad-spectrum C4 monoclonal antibody against capsid proteins of plant potyviruses. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 1853-1869.	1.7	3
78	Multi-Layer Reflectivity Calculation Based Meta-Modeling of the Phase Mapping Function for Highly Reproducible Surface Plasmon Resonance Biosensing. <i>Biosensors</i> , 2021, 11, 95.	2.3	3
79	Preliminary crystallographic characterization of the Grb2 SH2 domain in complex with a FAK-derived phosphotyrosyl peptide. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 195-197.	0.7	1
80	AMMONIUM HYDROXIDE EXTRACTS FROM BLACK TEA INHIBIT GROWTH, MIGRATION AND INVASION OF COLON CANCER CELLS. <i>Journal of Food Biochemistry</i> , 2008, 32, 201-215.	1.2	0