

# Tang-Long Shen

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/605055/tang-long-shen-publications-by-citations.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80  
papers

7,107  
citations

32  
h-index

84  
g-index

84  
ext. papers

8,490  
ext. citations

6.9  
avg, IF

5.25  
L-index

#	Paper	IF	Citations
80	Tumour exosome integrins determine organotropic metastasis. <i>Nature</i> , <b>2015</b> , 527, 329-35	50.4	2614
79	Pancreatic cancer exosomes initiate pre-metastatic niche formation in the liver. <i>Nature Cell Biology</i> , <b>2015</b> , 17, 816-26	23.4	1533
78	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> , <b>2005</b> , 169, 941-52	7.3	238
77	Activation of FAK and Src are receptor-proximal events required for netrin signaling. <i>Nature Neuroscience</i> , <b>2004</b> , 7, 1213-21	25.5	182
76	Regulation of focal adhesion kinase by its amino-terminal domain through an autoinhibitory interaction. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 8030-41	4.8	145
75	The Grb7 family proteins: structure, interactions with other signaling molecules and potential cellular functions. <i>Oncogene</i> , <b>2001</b> , 20, 6315-21	9.2	144
74	Exosomes in cancer development and clinical applications. <i>Cancer Science</i> , <b>2018</b> , 109, 2364-2374	6.9	141
73	Emerging roles of focal adhesion kinase in cancer. <i>BioMed Research International</i> , <b>2015</b> , 2015, 690690	3	130
72	Compensatory role for Pyk2 during angiogenesis in adult mice lacking endothelial cell FAK. <i>Journal of Cell Biology</i> , <b>2008</b> , 181, 43-50	7.3	118
71	Inactivation of focal adhesion kinase in cardiomyocytes promotes eccentric cardiac hypertrophy and fibrosis in mice. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 217-27	15.9	117
70	Inhibition of integrin-mediated cell adhesion but not directional cell migration requires catalytic activity of EphB3 receptor tyrosine kinase. Role of Rho family small GTPases. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 923-32	5.4	86
69	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> , <b>2000</b> , 275, 28911-7	5.4	83
68	Overexpression of focal adhesion kinase in vascular endothelial cells promotes angiogenesis in transgenic mice. <i>Cardiovascular Research</i> , <b>2004</b> , 64, 421-30	9.9	76
67	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> , <b>2001</b> , 499, 176-81	3.8	76
66	Cell adhesion, morphology and biochemistry on nano-topographic oxidized silicon surfaces. <i>European Cells and Materials</i> , <b>2010</b> , 20, 415-30	4.3	73
65	C2GnT-M is downregulated in colorectal cancer and its re-expression causes growth inhibition of colon cancer cells. <i>Oncogene</i> , <b>2006</b> , 25, 3267-76	9.2	65
64	Grb7 in intracellular signaling and its role in cell regulation. <i>Frontiers in Bioscience - Landmark</i> , <b>2004</b> , 9, 192-200	2.8	65

63	EphB1 associates with Grb7 and regulates cell migration. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 45655-461	5.4	61
62	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> , <b>2007</b> , 282, 31766-76	5.4	55
61	Phosphorylation of focal adhesion kinase at Tyr397 in gastric carcinomas and its clinical significance. <i>American Journal of Pathology</i> , <b>2010</b> , 177, 1629-37	5.8	50
60	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> , <b>2009</b> , 284, 20215-26	5.4	50
59	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> , <b>2018</b> , 37, 4662-4678	9.2	45
58	Deep Lipidomics and Molecular Imaging of Unsaturated Lipid Isomers: A Universal Strategy Initiated by mCPBA Epoxidation. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 11905-11915	7.8	45
57	An EGFR/Src-dependent $\beta$ integrin/FAK complex contributes to malignancy of breast cancer. <i>Scientific Reports</i> , <b>2015</b> , 5, 16408	4.9	42
56	Role of focal adhesion kinase Ser-732 phosphorylation in centrosome function during mitosis. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 9418-25	5.4	40
55	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> , <b>2013</b> , 305, L291-300	5.8	39
54	Overexpression of 14-3-3 $\eta$ predicts tumour metastasis and poor survival in hepatocellular carcinoma. <i>Histopathology</i> , <b>2011</b> , 58, 705-11	7.3	39
53	Association of Grb7 with phosphoinositides and its role in the regulation of cell migration. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 29069-77	5.4	39
52	EGF-induced Grb7 recruits and promotes Ras activity essential for the tumorigenicity of Sk-Br3 breast cancer cells. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 29279-85	5.4	38
51	Multiple domains of the tobacco mosaic virus p126 protein can independently suppress local and systemic RNA silencing. <i>Molecular Plant-Microbe Interactions</i> , <b>2012</b> , 25, 648-57	3.6	35
50	Cordycepin regulates GSK-3 $\beta$ /E-catenin signaling in human leukemia cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e76320	3.7	33
49	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> , <b>2011</b> , 179, 2698-708	5.8	32
48	Beta1,4-N-acetylgalactosaminyltransferase III enhances malignant phenotypes of colon cancer cells. <i>Molecular Cancer Research</i> , <b>2007</b> , 5, 543-52	6.6	31
47	Nck-2 interacts with focal adhesion kinase and modulates cell motility. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2002</b> , 34, 791-805	5.6	31
46	Cordycepin suppresses integrin/FAK signaling and epithelial-mesenchymal transition in hepatocellular carcinoma. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2014</b> , 14, 29-34	2.2	29

45	Bortezomib suppresses focal adhesion kinase expression via interrupting nuclear factor-kappa B. <i>Life Sciences</i> , <b>2010</b> , 86, 199-206	6.8	29
44	Basics and applications of tumor-derived extracellular vesicles. <i>Journal of Biomedical Science</i> , <b>2019</b> , 26, 35	13.3	27
43	Synergistic property of cordycepin in cultivated <i>Cordyceps militaris</i> -mediated apoptosis in human leukemia cells. <i>Phytomedicine</i> , <b>2014</b> , 21, 1516-24	6.5	26
42	The function of porcine PPAR $\alpha$ and dietary fish oil effect on the expression of lipid and glucose metabolism related genes. <i>Journal of Nutritional Biochemistry</i> , <b>2011</b> , 22, 179-86	6.3	24
41	Adiponectin and adiponectin receptor 1 overexpression enhance inflammatory bowel disease. <i>Journal of Biomedical Science</i> , <b>2018</b> , 25, 24	13.3	23
40	The future of Extracellular Vesicles as Theranostics - an ISEV meeting report. <i>Journal of Extracellular Vesicles</i> , <b>2020</b> , 9, 1809766	16.4	23
39	Surface and Antimicrobial Activity of Sulfobetaines. <i>Journal of Surfactants and Detergents</i> , <b>2016</b> , 19, 813-822	10.2	20
38	The paracrine induction of prostate cancer progression by caveolin-1. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 834	9.8	20
37	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> , <b>2021</b> , 340, 128104	8.5	20
36	Precision biomarker discovery powered by microscopy image fusion-assisted high spatial resolution ambient ionization mass spectrometry imaging. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1100, 75-87	6.6	19
35	Micropatterning of mammalian cells on inorganic-based nanosponges. <i>Biomaterials</i> , <b>2012</b> , 33, 4988-97	15.6	18
34	Topoisomerase II-mediated DNA cleavage and mutagenesis activated by nitric oxide underlie the inflammation-associated tumorigenesis. <i>Antioxidants and Redox Signaling</i> , <b>2013</b> , 18, 1129-40	8.4	18
33	Activation of Aryl Hydrocarbon Receptor by Kynurenine Impairs Progression and Metastasis of Neuroblastoma. <i>Cancer Research</i> , <b>2019</b> , 79, 5550-5562	10.1	18
32	Activation of focal adhesion kinase through an interaction with $\beta$ integrin contributes to tumorigenicity of colon cancer. <i>FEBS Letters</i> , <b>2016</b> , 590, 1826-37	3.8	17
31	Grb7, a Critical Mediator of EGFR/ErbB Signaling, in Cancer Development and as a Potential Therapeutic Target. <i>Cells</i> , <b>2019</b> , 8,	7.9	16
30	14-3-3 $\beta$ regulates $\beta$ -catenin-mediated mouse embryonic stem cell proliferation by sequestering GSK-3 $\beta$ . <i>PLoS ONE</i> , <b>2012</b> , 7, e40193	3.7	15
29	LPA signaling mediates tumor lymphangiogenesis through promoting CRT expression in prostate cancer. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2018</b> , 1863, 1305-1315	5	13
28	Lysophosphatidic acid enhances vascular endothelial growth factor-C expression in human prostate cancer PC-3 cells. <i>PLoS ONE</i> , <b>2012</b> , 7, e41096	3.7	13

27	Multiplex detection, distribution, and genetic diversity of Hop stunt viroid and Citrus exocortis viroid infecting citrus in Taiwan. <i>Virology Journal</i> , <b>2015</b> , 12, 11	6.1	12
26	Solution structure of the oncogenic MIEN1 protein reveals a thioredoxin-like fold with a redox-active motif. <i>PLoS ONE</i> , <b>2012</b> , 7, e52292	3.7	11
25	Regulation of EBV LMP1-triggered EphA4 downregulation in EBV-associated B lymphoma and its impact on patients's survival. <i>Blood</i> , <b>2016</b> , 128, 1578-89	2.2	11
24	Ophiocordyceps formosana improves hyperglycemia and depression-like behavior in an STZ-induced diabetic mouse model. <i>BMC Complementary and Alternative Medicine</i> , <b>2016</b> , 16, 310	4.7	10
23	Evaluation of an Epitypified Ophiocordyceps formosana (Cordyceps s.l.) for Its Pharmacological Potential. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 189891	2.3	9
22	DNA topoisomerase III alpha regulates p53-mediated tumor suppression. <i>Clinical Cancer Research</i> , <b>2014</b> , 20, 1489-501	12.9	9
21	Involvement of p38 MAPK in the Anticancer Activity of Cultivated Cordyceps militaris. <i>The American Journal of Chinese Medicine</i> , <b>2015</b> , 43, 1043-57	6	6
20	Gemini quaternary ammonium compound PMT12-BF4 inhibits Candida albicans via regulating iron homeostasis. <i>Scientific Reports</i> , <b>2020</b> , 10, 2911	4.9	6
19	The role of extracellular vesicles in prostate cancer with clinical applications. <i>Endocrine-Related Cancer</i> , <b>2020</b> , 27, R133-R144	5.7	6
18	Molecular networking as a dereplication strategy for monitoring metabolites of natural product treated cancer cells. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34 Suppl 1, e8549	2.2	6
17	Cryptic Diversity, Molecular Systematics, and Pathogenicity of Genus and Allied Genera Causing Gray Blight Disease of Tea in Taiwan, With a Description of a New Species. <i>Plant Disease</i> , <b>2021</b> , 105, 425-443	1.5	6
16	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> , <b>2018</b> , 52, 87-97	4	5
15	Resonance assignments of human C35 (C17orf37) protein, a novel tumor biomarker. <i>Biomolecular NMR Assignments</i> , <b>2010</b> , 4, 191-3	0.7	4
14	Grb7 Protein Stability Modulated by Pin1 in Association with Cell Cycle Progression. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163617	3.7	4
13	Wnt5b integrates Fak1a to mediate gastrulation cell movements via Rac1 and Cdc42. <i>Open Biology</i> , <b>2020</b> , 10, 190273	7	3
12	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> , <b>2010</b> , 638, 13-20	5.3	3
11	Amelioration of 5-fluorouracil-induced intestinal mucositis by Streptococcus thermophilus ST4 in a mouse model. <i>PLoS ONE</i> , <b>2021</b> , 16, e0253540	3.7	3
10	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> , <b>2016</b> , 100, 1853-1869	5.7	2

9	A mutual titer-enhancing relationship and similar localization patterns between Citrus exocortis viroid and Hop stunt viroid co-infecting two citrus cultivars. <i>Virology Journal</i> , <b>2015</b> , 12, 142	6.1	2
8	Multi-Layer Reflectivity Calculation Based Meta-Modeling of the Phase Mapping Function for Highly Reproducible Surface Plasmon Resonance Biosensing. <i>Biosensors</i> , <b>2021</b> , 11,	5.9	2
7	Lysophosphatidic acid receptors 2 and 3 regulate erythropoiesis at different hematopoietic stages. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2021</b> , 1866, 158818	5	2
6	Exploration of the Proteomic Landscape of Small Extracellular Vesicles in Serum as Biomarkers for Early Detection of Colorectal Neoplasia. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 732743	5.3	2
5	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> , <b>2010</b> , 66, 195-7		1
4	High Spatial Resolution Ambient Ionization Mass Spectrometry Imaging Using Microscopy Image Fusion Determines Tumor Margins		1
3	Antifungal Activity of Morpholine and Piperidine Based Surfactants. <i>Tenside, Surfactants, Detergents</i> , <b>2020</b> , 57, 104-108	1	1
2	Investigating the Viral Suppressor HC-Pro Inhibiting Small RNA Methylation through Functional Comparison of HEN1 in Angiosperm and Bryophyte. <i>Viruses</i> , <b>2021</b> , 13,	6.2	1
1	AMMONIUM HYDROXIDE EXTRACTS FROM BLACK TEA INHIBIT GROWTH, MIGRATION AND INVASION OF COLON CANCER CELLS. <i>Journal of Food Biochemistry</i> , <b>2008</b> , 32, 201-215	3.3	