

Tang-Long Shen

List of Publications by Year in Descending Order

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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	Multi-Layer Reflectivity Calculation Based Meta-Modeling of the Phase Mapping Function for Highly Reproducible Surface Plasmon Resonance Biosensing. <i>Biosensors</i> , 2021 , 11,	5.9	2
79	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> , 2021 , 105, 425-443	1.5	6
78	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	8.5	20
77	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	5	2
76	Amelioration of 5-fluorouracil-induced intestinal mucositis by <i>Streptococcus thermophilus</i> ST4 in a mouse model. <i>PLoS ONE</i> , 2021 , 16, e0253540	3.7	3
75	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	5.3	2
74	Investigating the Viral Suppressor HC-Pro Inhibiting Small RNA Methylation through Functional Comparison of HEN1 in Angiosperm and Bryophyte. <i>Viruses</i> , 2021 , 13,	6.2	1
73	Wnt5b integrates Fak1a to mediate gastrulation cell movements via Rac1 and Cdc42. <i>Open Biology</i> , 2020 , 10, 190273	7	3
72	Gemini quaternary ammonium compound PMT12-BF4 inhibits <i>Candida albicans</i> via regulating iron homeostasis. <i>Scientific Reports</i> , 2020 , 10, 2911	4.9	6
71	The role of extracellular vesicles in prostate cancer with clinical applications. <i>Endocrine-Related Cancer</i> , 2020 , 27, R133-R144	5.7	6
70	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	6.6	19
69	Antifungal Activity of Morpholine and Piperidine Based Surfactants. <i>Tenside, Surfactants, Detergents</i> , 2020 , 57, 104-108	1	1
68	The future of Extracellular Vesicles as Theranostics - an ISEV meeting report. <i>Journal of Extracellular Vesicles</i> , 2020 , 9, 1809766	16.4	23
67	Molecular networking as a dereplication strategy for monitoring metabolites of natural product treated cancer cells. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34 Suppl 1, e8549	2.2	6
66	Grb7, a Critical Mediator of EGFR/ErbB Signaling, in Cancer Development and as a Potential Therapeutic Target. <i>Cells</i> , 2019 , 8,	7.9	16
65	Basics and applications of tumor-derived extracellular vesicles. <i>Journal of Biomedical Science</i> , 2019 , 26, 35	13.3	27
64	Deep Lipidomics and Molecular Imaging of Unsaturated Lipid Isomers: A Universal Strategy Initiated by mCPBA Epoxidation. <i>Analytical Chemistry</i> , 2019 , 91, 11905-11915	7.8	45

63	The paracrine induction of prostate cancer progression by caveolin-1. <i>Cell Death and Disease</i> , 2019 , 10, 834	9.8	20
62	Activation of Aryl Hydrocarbon Receptor by Kynurenine Impairs Progression and Metastasis of Neuroblastoma. <i>Cancer Research</i> , 2019 , 79, 5550-5562	10.1	18
61	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	4	5
60	LPA 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	5	13
59	Exosomes in cancer development and clinical applications. <i>Cancer Science</i> , 2018 , 109, 2364-2374	6.9	141
58	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	9.2	45
57	Adiponectin and adiponectin receptor 1 overexpression enhance inflammatory bowel disease. <i>Journal of Biomedical Science</i> , 2018 , 25, 24	13.3	23
56	Activation of focal adhesion kinase through an interaction with α integrin contributes to tumorigenicity of colon cancer. <i>FEBS Letters</i> , 2016 , 590, 1826-37	3.8	17
55	Surface and Antimicrobial Activity of Sulfobetaines. <i>Journal of Surfactants and Detergents</i> , 2016 , 19, 813-822	1.9	20
54	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	5.7	2
53	Grb7 Protein Stability Modulated by Pin1 in Association with Cell Cycle Progression. <i>PLoS ONE</i> , 2016 , 11, e0163617	3.7	4
52	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	4.7	10
51	Regulation of EBV LMP1-triggered EphA4 downregulation in EBV-associated B lymphoma and its impact on patients's survival. <i>Blood</i> , 2016 , 128, 1578-89	2.2	11
50	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	6.1	12
49	Pancreatic cancer exosomes initiate pre-metastatic niche formation in the liver. <i>Nature Cell Biology</i> , 2015 , 17, 816-26	23.4	1533
48	Tumour exosome integrins determine organotropic metastasis. <i>Nature</i> , 2015 , 527, 329-35	50.4	2614
47	Involvement of p38 MAPK in the Anticancer Activity of Cultivated Cordyceps militaris. <i>The American Journal of Chinese Medicine</i> , 2015 , 43, 1043-57	6	6
46	An EGFR/Src-dependent α integrin/FAK complex contributes to malignancy of breast cancer. <i>Scientific Reports</i> , 2015 , 5, 16408	4.9	42

45	Emerging roles of focal adhesion kinase in cancer. <i>BioMed Research International</i> , 2015 , 2015, 690690	3	130
44	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> , 2015 , 12, 142	6.1	2
43	Evaluation of an Epitypified Ophiocordyceps formosana (Cordyceps s.l.) for Its Pharmacological Potential. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 189891	2.3	9
42	Synergistic property of cordycepin in cultivated Cordyceps militaris-mediated apoptosis in human leukemia cells. <i>Phytomedicine</i> , 2014 , 21, 1516-24	6.5	26
41	Cordycepin suppresses integrin/FAK signaling and epithelial-mesenchymal transition in hepatocellular carcinoma. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014 , 14, 29-34	2.2	29
40	DNA topoisomerase III alpha regulates p53-mediated tumor suppression. <i>Clinical Cancer Research</i> , 2014 , 20, 1489-501	12.9	9
39	Topoisomerase II-mediated DNA cleavage and mutagenesis activated by nitric oxide underlie the inflammation-associated tumorigenesis. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 1129-40	8.4	18
38	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, L291-300	5.8	39
37	Cordycepin regulates GSK-3 β /E-catenin signaling in human leukemia cells. <i>PLoS ONE</i> , 2013 , 8, e76320	3.7	33
36	Micropatterning of mammalian cells on inorganic-based nanosponges. <i>Biomaterials</i> , 2012 , 33, 4988-97	15.6	18
35	Multiple domains of the tobacco mosaic virus p126 protein can independently suppress local and systemic RNA silencing. <i>Molecular Plant-Microbe Interactions</i> , 2012 , 25, 648-57	3.6	35
34	14-3-3 β regulates E-catenin-mediated mouse embryonic stem cell proliferation by sequestering GSK-3 β . <i>PLoS ONE</i> , 2012 , 7, e40193	3.7	15
33	Lysophosphatidic acid enhances vascular endothelial growth factor-C expression in human prostate cancer PC-3 cells. <i>PLoS ONE</i> , 2012 , 7, e41096	3.7	13
32	Solution structure of the oncogenic MIEN1 protein reveals a thioredoxin-like fold with a redox-active motif. <i>PLoS ONE</i> , 2012 , 7, e52292	3.7	11
31	Increased expression of 14-3-3 β promotes tumor progression and predicts extrahepatic metastasis and worse survival in hepatocellular carcinoma. <i>American Journal of Pathology</i> , 2011 , 179, 2698-708	5.8	32
30	Overexpression of 14-3-3 β predicts tumour metastasis and poor survival in hepatocellular carcinoma. <i>Histopathology</i> , 2011 , 58, 705-11	7.3	39
29	The function of porcine PPAR α and dietary fish oil effect on the expression of lipid and glucose metabolism related genes. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 179-86	6.3	24
28	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, 29279-85	5.4	38

27	Bortezomib suppresses focal adhesion kinase expression via interrupting nuclear factor-kappa B. <i>Life Sciences</i> , 2010 , 86, 199-206	6.8	29
26	Phosphorylation of focal adhesion kinase at Tyr397 in gastric carcinomas and its clinical significance. <i>American Journal of Pathology</i> , 2010 , 177, 1629-37	5.8	50
25	Resonance assignments of human C35 (C17orf37) protein, a novel tumor biomarker. <i>Biomolecular NMR Assignments</i> , 2010 , 4, 191-3	0.7	4
24	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	5.3	3
23	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, 195-7		1
22	Cell adhesion, morphology and biochemistry on nano-topographic oxidized silicon surfaces. <i>European Cells and Materials</i> , 2010 , 20, 415-30	4.3	73
21	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, 20215-26	5.4	50
20	Role of focal adhesion kinase Ser-732 phosphorylation in centrosome function during mitosis. <i>Journal of Biological Chemistry</i> , 2009 , 284, 9418-25	5.4	40
19	Compensatory role for Pyk2 during angiogenesis in adult mice lacking endothelial cell FAK. <i>Journal of Cell Biology</i> , 2008 , 181, 43-50	7.3	118
18	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	3.3	
17	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, 31766-76	5.4	55
16	Beta1,4-N-acetylgalactosaminyltransferase III enhances malignant phenotypes of colon cancer cells. <i>Molecular Cancer Research</i> , 2007 , 5, 543-52	6.6	31
15	C2GnT-M is downregulated in colorectal cancer and its re-expression causes growth inhibition of colon cancer cells. <i>Oncogene</i> , 2006 , 25, 3267-76	9.2	65
14	Inactivation of focal adhesion kinase in cardiomyocytes promotes eccentric cardiac hypertrophy and fibrosis in mice. <i>Journal of Clinical Investigation</i> , 2006 , 116, 217-27	15.9	117
13	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> , 2005 , 280, 923-32	5.4	86
12	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, 941-52	7.3	238
11	Grb7 in intracellular signaling and its role in cell regulation. <i>Frontiers in Bioscience - Landmark</i> , 2004 , 9, 192-200	2.8	65
10	Overexpression of focal adhesion kinase in vascular endothelial cells promotes angiogenesis in transgenic mice. <i>Cardiovascular Research</i> , 2004 , 64, 421-30	9.9	76

9	Activation of FAK and Src are receptor-proximal events required for netrin signaling. <i>Nature Neuroscience</i> , 2004 , 7, 1213-21	25.5	182
8	Regulation of focal adhesion kinase by its amino-terminal domain through an autoinhibitory interaction. <i>Molecular and Cellular Biology</i> , 2003 , 23, 8030-41	4.8	145
7	Association of Grb7 with phosphoinositides and its role in the regulation of cell migration. <i>Journal of Biological Chemistry</i> , 2002 , 277, 29069-77	5.4	39
6	EphB1 associates with Grb7 and regulates cell migration. <i>Journal of Biological Chemistry</i> , 2002 , 277, 45655-61	5.4	61
5	Nck-2 interacts with focal adhesion kinase and modulates cell motility. <i>International Journal of Biochemistry and Cell Biology</i> , 2002 , 34, 791-805	5.6	31
4	The Grb7 family proteins: structure, interactions with other signaling molecules and potential cellular functions. <i>Oncogene</i> , 2001 , 20, 6315-21	9.2	144
3	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, 176-81	3.8	76
2	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, 28911-7	5.4	83
1	High Spatial Resolution Ambient Ionization Mass Spectrometry Imaging Using Microscopy Image Fusion Determines Tumor Margins		1