

Liang Tao

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,335
citations

394421

19
h-index

377865

34
g-index

52
all docs

52
docs citations

52
times ranked

2119
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycopeptide Antibiotics Potently Inhibit Cathepsin L in the Late Endosome/Lysosome and Block the Entry of Ebola Virus, Middle East Respiratory Syndrome Coronavirus (MERS-CoV), and Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV). <i>Journal of Biological Chemistry</i> , 2016, 291, 9218-9232.	3.4	230
2	Cellular microRNAs up-regulate transcription via interaction with promoter TATA-box motifs. <i>Rna</i> , 2014, 20, 1878-1889.	3.5	103
3	2-Aminoethoxydiphenyl Borate Directly Inhibits Channels Composed of Connexin26 and/or Connexin32. <i>Molecular Pharmacology</i> , 2007, 71, 570-579.	2.3	70
4	Connexin 43 is involved in the generation of human-induced pluripotent stem cells. <i>Human Molecular Genetics</i> , 2013, 22, 2221-2233.	2.9	65
5	Tramadol and Flurbiprofen Depress the Cytotoxicity of Cisplatin via Their Effects on Gap Junctions. <i>Clinical Cancer Research</i> , 2009, 15, 5803-5810.	7.0	53
6	Gap junctions propagate opposite effects in normal and tumor testicular cells in response to cisplatin. <i>Cancer Letters</i> , 2012, 317, 165-171.	7.2	53
7	Nonsteroidal Anti-inflammatory Drugs Potently Inhibit the Replication of Zika Viruses by Inducing the Degradation of AXL. <i>Journal of Virology</i> , 2018, 92, .	3.4	44
8	Connexin-dependent gap junction enhancement is involved in the synergistic effect of sorafenib and all-trans retinoic acid on HCC growth inhibition. <i>Oncology Reports</i> , 2014, 31, 540-550.	2.6	43
9	Cisplatin and Oxaliplatin Inhibit Gap Junctional Communication by Direct Action and by Reduction of Connexin Expression, Thereby Counteracting Cytotoxic Efficacy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 333, 903-911.	2.5	42
10	Developmental regulation and expression of the zebrafish connexin43 gene. <i>Developmental Dynamics</i> , 2005, 233, 890-906.	1.8	35
11	A Cellular MicroRNA Facilitates Regulatory T Lymphocyte Development by Targeting the <i>FOXP3</i> Promoter TATA-Box Motif. <i>Journal of Immunology</i> , 2018, 200, 1053-1063.	0.8	34
12	Monocyte-endothelial adhesion is modulated by Cx43-stimulated ATP release from monocytes. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 536-541.	2.1	32
13	Mechanism for modulation of gating of connexin26-containing channels by taurine. <i>Journal of General Physiology</i> , 2011, 138, 321-339.	1.9	28
14	Pattern of cell-to-cell transfer of micro RNA by gap junction and its effect on the proliferation of glioma cells. <i>Cancer Science</i> , 2019, 110, 1947-1958.	3.9	23
15	Biochemical Requirements for Inhibition of Connexin26-containing Channels by Natural and Synthetic Taurine Analogs. <i>Journal of Biological Chemistry</i> , 2004, 279, 38544-38554.	3.4	22
16	Panax Notoginseng Saponins Enhances the Cytotoxicity of Cisplatin via Increasing Gap Junction Intercellular Communication. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 1230-1237.	1.4	21
17	Efficacy of 2-(1-hexyloxyethyl)-2-devinyl pyropheophorbide-a in photodynamic therapy of human esophageal squamous cancer cells. <i>Oncology Letters</i> , 2013, 6, 1111-1119.	1.8	21
18	GJA1-20k attenuates Ang II-induced pathological cardiac hypertrophy by regulating gap junction formation and mitochondrial function. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 536-549.	6.1	21

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19	Ethanol Inhibition of Glycine-Activated Responses in Neurons of Ventral Tegmental Area of Neonatal Rats. <i>Journal of Neurophysiology</i> , 2001, 86, 2426-2434.	1.8	20
20	Non-junctional Cx32 mediates anti-apoptotic and pro-tumor effects via epidermal growth factor receptor in human cervical cancer cells. <i>Cell Death and Disease</i> , 2017, 8, e2773-e2773.	6.3	20
21	Simvastatin-induced up-regulation of gap junctions composed of connexin 43 sensitize Leydig tumor cells to etoposide: An involvement of PKC pathway. <i>Toxicology</i> , 2013, 312, 149-157.	4.2	19
22	Baicalein increases the cytotoxicity of cisplatin by enhancing gap junction intercellular communication. <i>Molecular Medicine Reports</i> , 2014, 10, 515-521.	2.4	19
23	Cx32 exerts anti-apoptotic and pro-tumor effects via the epidermal growth factor receptor pathway in hepatocellular carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 145.	8.6	19
24	Protein Kinase C Modulation of Ethanol Inhibition of Glycine-Activated Current in Dissociated Neurons of Rat Ventral Tegmental Area. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 300, 967-975.	2.5	17
25	Different gap junction-propagated effects on cisplatin transfer result in opposite responses to cisplatin in normal cells versus tumor cells. <i>Scientific Reports</i> , 2015, 5, 12563.	3.3	16
26	Propofol depresses cisplatin cytotoxicity via the inhibition of gap junctions. <i>Molecular Medicine Reports</i> , 2016, 13, 4715-4720.	2.4	16
27	Role of heteromeric gap junctions in the cytotoxicity of cisplatin. <i>Toxicology</i> , 2013, 310, 53-60.	4.2	15
28	Cx32 suppresses extrinsic apoptosis in human cervical cancer cells via the NF- κ B signalling pathway. <i>International Journal of Oncology</i> , 2017, 51, 1159-1168.	3.3	15
29	The Effects of 2-Aminoethoxydiphenyl Borate and Diphenylboronic Anhydride on Gap Junctions Composed of Connexin43 in TM4 Sertoli Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 1390-1397.	1.4	14
30	Gefitinib enhances oxaliplatin-induced apoptosis mediated by Src and PKC-modulated gap junction function. <i>Oncology Reports</i> , 2016, 36, 3251-3258.	2.6	14
31	The cytoplasmic translocation of Cx32 mediates cisplatin resistance in ovarian cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 487, 292-299.	2.1	14
32	Berberine reversed the epithelial \rightarrow mesenchymal transition of normal colonic epithelial cells induced by SW480 cells through regulating the important components in the TGF β ² pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 11679-11691.	4.1	14
33	Connexin expression patterns in diseased human corneas. <i>Experimental and Therapeutic Medicine</i> , 2014, 7, 791-798.	1.8	13
34	GJIC Enhances the phototoxicity of photofrin \rightarrow mediated photodynamic treatment by the mechanisms related with ROS and Calcium pathways. <i>Journal of Biophotonics</i> , 2015, 8, 764-774.	2.3	13
35	In vitro inhibited effect of gap junction composed of Cx43 in the invasion and metastasis of testicular cancer resisted to cisplatin. <i>Biomedicine and Pharmacotherapy</i> , 2018, 98, 826-833.	5.6	13
36	Enhanced generation of human induced pluripotent stem cells by ectopic expression of Connexin 45. <i>Scientific Reports</i> , 2017, 7, 458.	3.3	11

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37	Identification of a Five-Gene Prognostic Model and Its Potential Drug Repurposing in Colorectal Cancer Based on TCGA, GTEx and GEO Databases. <i>Frontiers in Genetics</i> , 2020, 11, 622659.	2.3	10
38	Detailed Molecular Mechanism and Potential Drugs for COL1A1 in Carboplatin-Resistant Ovarian Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 576565.	2.8	10
39	Connexin32 activates necroptosis through Src-mediated inhibition of caspase 8 in hepatocellular carcinoma. <i>Cancer Science</i> , 2021, 112, 3507-3519.	3.9	10
40	Inhibition of ubiquitin-specific protease 14 promotes connexin32 internalization and counteracts cisplatin cytotoxicity in human ovarian cancer cells. <i>Oncology Reports</i> , 2019, 42, 1237-1247.	2.6	10
41	The gap junction inhibitor INI-0602 attenuates mechanical allodynia and depression-like behaviors induced by spared nerve injury in rats. <i>NeuroReport</i> , 2019, 30, 369-377.	1.2	9
42	Differential effects of paclitaxel and docetaxel on gap junctions affects their cytotoxicities in transfected HeLa cells. <i>Molecular Medicine Reports</i> , 2013, 8, 638-644.	2.4	8
43	Cx32 mediates cisplatin resistance in human ovarian cancer cells by affecting drug efflux transporter expression and activating the EGFR-Akt pathway. <i>Molecular Medicine Reports</i> , 2019, 19, 2287-2296.	2.4	8
44	Gap junction enhances phototoxicity of photodynamic therapy agent 2- <i>hexyloxyethyl</i> -5- <i>devinylpyropheophorbide</i> (HPPH). <i>Lasers in Surgery and Medicine</i> , 2015, 47, 68-76.	2.1	7
45	Simvastatin protects Sertoli cells against cisplatin cytotoxicity through enhanced gap junction intercellular communication. <i>Oncology Reports</i> , 2015, 34, 2133-2141.	2.6	7
46	Role of Pannexin1 channels in the resistance of I-10 testicular cancer cells to cisplatin mediated by ATP/IP3 pathway. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 514-522.	5.6	7
47	Cx32 inhibits TNF-induced extrinsic apoptosis with and without EGFR suppression. <i>Oncology Reports</i> , 2017, 38, 2885-2892.	2.6	6
48	Cx32 mediates norepinephrine-promoted EGFR-TKI resistance in a gap junction-independent manner in non-small cell lung cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 23146-23159.	4.1	6
49	The role of epigenetic modifications in Colorectal Cancer Metastasis. <i>Clinical and Experimental Metastasis</i> , 2022, 39, 521-539.	3.3	6
50	Cx32 promotes autophagy and produces resistance to SN-induced apoptosis via activation of AMPK signalling in cervical cancer. <i>International Journal of Oncology</i> , 2021, 60, .	3.3	4
51	Concentration-dependent transcriptome of zebrafish larvae for environmental bisphenol S assessment. <i>Ecotoxicology and Environmental Safety</i> , 2021, 223, 112574.	6.0	3
52	Nitric oxide affects cisplatin cytotoxicity oppositely in A2780 and A2780-CDDP cells via the connexin32/gap junction. <i>Cancer Science</i> , 2020, 111, 2779-2788.	3.9	2