

Che-Hsin Lee

List of Publications by Year in descending order

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77
papers

2,547
citations

159585

30
h-index

223800

46
g-index

77
all docs

77
docs citations

77
times ranked

3472
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumorsphere as an effective <i>in vitro</i> platform for screening anti-cancer stem cell drugs. <i>Oncotarget</i> , 2016, 7, 1215-1226.	1.8	152
2	Genipin-cross-linked fucose-chitosan/heparin nanoparticles for the eradication of <i>Helicobacter pylori</i> . <i>Biomaterials</i> , 2013, 34, 4466-4479.	11.4	106
3	Systemic administration of attenuated <i>Salmonella choleraesuis</i> carrying thrombospondin-1 gene leads to tumor-specific transgene expression, delayed tumor growth and prolonged survival in the murine melanoma model. <i>Cancer Gene Therapy</i> , 2005, 12, 175-184.	4.6	95
4	Endostatin gene therapy delivered by <i>Salmonella choleraesuis</i> in murine tumor models. <i>Journal of Gene Medicine</i> , 2004, 6, 1382-1393.	2.8	89
5	Toll-like Receptor 4 Mediates an Antitumor Host Response Induced by <i>Salmonella choleraesuis</i> . <i>Clinical Cancer Research</i> , 2008, 14, 1905-1912.	7.0	77
6	Systemic administration of attenuated <i>Salmonella choleraesuis</i> in combination with cisplatin for cancer therapy. <i>Molecular Therapy</i> , 2005, 11, 707-716.	8.2	74
7	Eicosapentaenoic Acid Protects against Palmitic Acid-Induced Endothelial Dysfunction via Activation of the AMPK/eNOS Pathway. <i>International Journal of Molecular Sciences</i> , 2014, 15, 10334-10349.	4.1	70
8	Intraarticular gene transfer of thrombospondin-1 suppresses the disease progression of experimental osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2010, 28, 1300-1306.	2.3	65
9	Toll-like Receptor 4 Signaling Promotes Tumor Growth. <i>Journal of Immunotherapy</i> , 2010, 33, 73-82.	2.4	62
10	T cell augments the antitumor activity of tumor-targeting <i>Salmonella</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 1381-1388.	3.6	61
11	Resveratrol inhibits LPS-induced epithelial-mesenchymal transition in mouse melanoma model. <i>Innate Immunity</i> , 2012, 18, 685-693.	2.4	61
12	Engineering bacteria toward tumor targeting for cancer treatment: current state and perspectives. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 517-523.	3.6	61
13	Inhibition of heat shock protein (Hsp) 27 potentiates the suppressive effect of Hsp90 inhibitors in targeting breast cancer stem-like cells. <i>Biochimie</i> , 2012, 94, 1382-1389.	2.6	60
14	<i>Salmonella choleraesuis</i> as an anticancer agent in a syngeneic model of orthotopic hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2008, 122, 930-935.	5.1	59
15	<i>Salmonella</i> enhance chemosensitivity in tumor through connexin 43 upregulation. <i>International Journal of Cancer</i> , 2013, 133, 1926-1935.	5.1	55
16	CD8+ T Cell-Induced Expression of Tissue Inhibitor of Metalloproteinases-1 Exacerbated Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2013, 14, 19951-19970.	4.1	51
17	<i>Salmonella</i> as an Innovative Therapeutic Antitumor Agent. <i>International Journal of Molecular Sciences</i> , 2014, 15, 14546-14554.	4.1	46
18	Connexin 43 Suppresses Tumor Angiogenesis by Down-Regulation of Vascular Endothelial Growth Factor via Hypoxic-Induced Factor-1 β . <i>International Journal of Molecular Sciences</i> , 2015, 16, 439-451.	4.1	46

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19	Amelioration of collagen-induced arthritis in rats by adenovirus-mediated PTEN gene transfer. <i>Arthritis and Rheumatism</i> , 2008, 58, 1650-1656.	6.7	45
20	Adenovirus-Mediated Kallistatin Gene Transfer Ameliorates Disease Progression in a Rat Model of Osteoarthritis Induced by Anterior Cruciate Ligament Transection. <i>Human Gene Therapy</i> , 2009, 20, 147-158.	2.7	44
21	Hepatitis B virus X protein sensitizes hepatocellular carcinoma cells to cytolysis induced by E1B-deleted adenovirus through the disruption of p53 function. <i>Clinical Cancer Research</i> , 2003, 9, 338-45.	7.0	44
22	Ceramide and Toll-Like Receptor 4 Are Mobilized into Membrane Rafts in Response to Helicobacter pylori Infection in Gastric Epithelial Cells. <i>Infection and Immunity</i> , 2012, 80, 1823-1833.	2.2	42
23	<i>Scutellaria barbata</i> inhibits angiogenesis through downregulation of HIF-1 α in lung tumor. <i>Environmental Toxicology</i> , 2014, 29, 363-370.	4.0	42
24	The Extract of <i>Rhodobacter sphaeroides</i> Inhibits Melanogenesis through the MEK/ERK Signaling Pathway. <i>Marine Drugs</i> , 2013, 11, 1899-1908.	4.6	41
25	<i>Salmonella</i> inhibits tumor angiogenesis by downregulation of vascular endothelial growth factor. <i>Oncotarget</i> , 2016, 7, 37513-37523.	1.8	40
26	Regulatory effects of <i>Lactobacillus plantarum</i> -GMNL6 on human skin health by improving skin microbiome. <i>International Journal of Medical Sciences</i> , 2021, 18, 1114-1120.	2.5	38
27	<i>Salmonella</i> overcomes tumor immune tolerance by inhibition of tumor indoleamine 2,3-dioxygenase 1 expression. <i>Oncotarget</i> , 2016, 7, 374-385.	1.8	37
28	B cells are required for tumor-targeting <i>Salmonella</i> in host. <i>Applied Microbiology and Biotechnology</i> , 2011, 92, 1251-1260.	3.6	34
29	Amelioration of Rat Collagen-Induced Arthritis Through CD4 ⁺ T Cells Apoptosis and Synovial Interleukin-17 Reduction by Indoleamine 2,3-Dioxygenase Gene Therapy. <i>Human Gene Therapy</i> , 2011, 22, 145-154.	2.7	34
30	Hinokitiol inhibits vasculogenic mimicry activity of breast cancer stem/progenitor cells through proteasome-mediated degradation of epidermal growth factor receptor. <i>Oncology Letters</i> , 2016, 11, 2934-2940.	1.8	34
31	Epidermal growth factor/heat shock protein 27 pathway regulates vasculogenic mimicry activity of breast cancer stem/progenitor cells. <i>Biochimie</i> , 2014, 104, 117-126.	2.6	32
32	Hinokitiol induces autophagy in murine breast and colorectal cancer cells. <i>Environmental Toxicology</i> , 2016, 31, 77-84.	4.0	31
33	Inhibition of experimental lung metastasis by systemic lentiviral delivery of kallistatin. <i>BMC Cancer</i> , 2010, 10, 245.	2.6	30
34	Resveratrol Enhances Chemosensitivity in Mouse Melanoma Model Through Connexin 43 Upregulation. <i>Environmental Toxicology</i> , 2015, 30, 877-886.	4.0	30
35	Hinokitiol Inhibits Melanogenesis via AKT/mTOR Signaling in B16F10 Mouse Melanoma Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 248.	4.1	30
36	<i>Helicobacter pylori</i> Activates HMGB1 Expression and Recruits RAGE into Lipid Rafts to Promote Inflammation in Gastric Epithelial Cells. <i>Frontiers in Immunology</i> , 2016, 7, 341.	4.8	30

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37	The Effects of Heterologous Immunization with Prime-Boost COVID-19 Vaccination against SARS-CoV-2. Vaccines, 2021, 9, 1163.	4.4	28
38	<i>Salmonella</i> Overcomes Drug Resistance in Tumor through P-glycoprotein Downregulation. International Journal of Medical Sciences, 2018, 15, 574-579.	2.5	27
39	Downregulations of AKT/mTOR Signaling Pathway for Salmonella-Mediated Suppression of Matrix Metalloproteinases-9 Expression in Mouse Tumor Models. International Journal of Molecular Sciences, 2018, 19, 1630.	4.1	26
40	Salmonella-Based Targeted Cancer Therapy: Updates on A Promising and Innovative Tumor Immunotherapeutic Strategy. Biomedicines, 2019, 7, 36.	3.2	26
41	Amelioration of Dextran Sodium Sulfate-Induced Colitis in Mice by Rhodobacter sphaeroides Extract. Molecules, 2012, 17, 13622-13630.	3.8	25
42	The Extracts of <i>Astragalus membranaceus</i> Inhibit Melanogenesis through the ERK Signaling Pathway. International Journal of Medical Sciences, 2017, 14, 1049-1053.	2.5	25
43	Chloroquine and Hydroxychloroquine: Efficacy in the Treatment of the COVID-19. Pathogens, 2021, 10, 217.	2.8	25
44	Hypoxia-Induced Cytosine Deaminase Gene Expression for Cancer Therapy. Human Gene Therapy, 2007, 18, 27-38.	2.7	24
45	Humoral Immune Responses Inhibit the Antitumor Activities Mediated by Salmonella enterica Serovar choleraesuis. Journal of Immunotherapy, 2009, 32, 376-388.	2.4	24
46	The inhibition of indoleamine 2, 3-dioxygenase 1 by connexin 43. International Journal of Medical Sciences, 2017, 14, 1181-1188.	2.5	24
47	Transthyretin-driven oncolytic adenovirus suppresses tumor growth in orthotopic and ascites models of hepatocellular carcinoma. Cancer Science, 2009, 100, 537-545.	3.9	23
48	An Extract of Rhodobacter sphaeroides Reduces Cisplatin-Induced Nephrotoxicity in Mice. Toxins, 2013, 5, 2353-2365.	3.4	23
49	Salmonella Breaks Tumor Immune Tolerance by Downregulating Tumor Programmed Death-Ligand 1 Expression. Cancers, 2020, 12, 57.	3.7	22
50	Plasminogen activator inhibitor-1 as regulator of tumor-initiating cell properties in head and neck cancers. Head and Neck, 2016, 38, E895-904.	2.0	21
51	Inhibition of cartilage damage by pro-opiomelanocortin prohormone overexpression in a rat model of osteoarthritis. Experimental Biology and Medicine, 2011, 236, 334-340.	2.4	20
52	A polymer coating applied to <i>Salmonella</i> prevents the binding of <i>Salmonella</i> -specific antibodies. International Journal of Cancer, 2013, 132, 717-725.	5.1	20
53	Lentiviral Small Hairpin RNA Knockdown of Macrophage Inflammatory Protein-1 β Ameliorates Experimentally Induced Osteoarthritis in Mice. Human Gene Therapy, 2013, 24, 871-882.	2.7	19
54	Tracking of mouse breast cancer stem-like cells with <i>Salmonella</i> . Experimental Biology and Medicine, 2012, 237, 1189-1196.	2.4	18

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55	<i>Helicobacter pylori</i> attenuates lipopolysaccharide-induced nitric oxide production by murine macrophages. <i>Innate Immunity</i> , 2012, 18, 406-417.	2.4	18
56	Acquisition of an enhanced aggressive phenotype in human lung cancer cells selected by suboptimal doses of cisplatin following cell detachment and reattachment. <i>Cancer Letters</i> , 2012, 321, 36-44.	7.2	16
57	Hinokitiol reduces tumor metastasis by inhibiting heparanase via extracellular signal-regulated kinase and protein kinase B pathway. <i>International Journal of Medical Sciences</i> , 2020, 17, 403-413.	2.5	15
58	Amelioration of experimental arthritis by a telomerase-dependent conditionally replicating adenovirus that targets synovial fibroblasts. <i>Arthritis and Rheumatism</i> , 2009, 60, 3290-3302.	6.7	12
59	A NMR-based metabolomic approach for differentiation of hagfish dental and somatic skeletal muscles. <i>Fish Physiology and Biochemistry</i> , 2011, 37, 701-707.	2.3	12
60	Eicosapentaenoic acid reduces indoleamine 2,3-dioxygenase 1 expression in tumor cells. <i>International Journal of Medical Sciences</i> , 2018, 15, 1296-1303.	2.5	12
61	Connexin 43 Gene Therapy Delivered by Polymer-Modified Salmonella in Murine Tumor Models. <i>Polymers</i> , 2014, 6, 1119-1128.	4.5	10
62	Eicosapentaenoic acids enhance chemosensitivity through connexin 43 upregulation in murine melanoma models. <i>International Journal of Medical Sciences</i> , 2019, 16, 636-643.	2.5	10
63	Adenovirus-Mediated Prothymosin ± Gene Transfer Inhibits the Development of Atherosclerosis in Apoe-Deficient Mice. <i>International Journal of Biological Sciences</i> , 2014, 10, 358-366.	6.4	9
64	The extracts of <i>Astragalus membranaceus</i> enhance chemosensitivity and reduce tumor indoleamine 2, 3-dioxygenase expression. <i>International Journal of Medical Sciences</i> , 2019, 16, 1107-1115.	2.5	9
65	Salmonella Impacts Tumor-Induced Macrophage Polarization, and Inhibits SNAI1-Mediated Metastasis in Melanoma. <i>Cancers</i> , 2021, 13, 2894.	3.7	8
66	The treatment of mouse colorectal cancer by oral delivery tumor-targeting Salmonella. <i>American Journal of Cancer Research</i> , 2015, 5, 2222-8.	1.4	8
67	Salmonella-Mediated Cytolethal Distending Toxin Transfer Inhibits Tumor Growth. <i>Human Gene Therapy</i> , 2018, 29, 1327-1335.	2.7	6
68	The Ethanol Extract of <i>Musa sapientum</i> Linn. Peel Inhibits Melanogenesis through AKT Signaling Pathway. <i>Cosmetics</i> , 2021, 8, 70.	3.3	5
69	Employment of Salmonella in Cancer Gene Therapy. <i>Methods in Molecular Biology</i> , 2016, 1409, 79-83.	0.9	5
70	Salmonella mediated the hemagglutinating virus of Japan-envelope transfer suppresses tumor growth. <i>Oncotarget</i> , 2017, 8, 35048-35060.	1.8	5
71	<i>Salmonella</i> reduces tumor metastasis by downregulation C-X-C chemokine receptor type 4. <i>International Journal of Medical Sciences</i> , 2021, 18, 2835-2841.	2.5	4
72	Salmonella alters heparanase expression and reduces tumor metastasis. <i>International Journal of Medical Sciences</i> , 2021, 18, 2981-2989.	2.5	4

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73	Highlights of Immunomodulation in Salmonella-Based Cancer Therapy. <i>Biomedicines</i> , 2021, 9, 1566.	3.2	4
74	Pulmonary Findings of [18F]FDG PET/CT Images on Asymptomatic COVID-19 Patients. <i>Pathogens</i> , 2021, 10, 839.	2.8	3
75	Complete mitochondrial DNA genome of <i>Metzia mesembrinum</i> (Cypriniformes: Cyprinidae). <i>Mitochondrial DNA</i> , 2016, 27, 214-215.	0.6	2
76	Prognostic Value of 18F-FDG PET/CT Volume-Based Metabolic Parameters in Patients with Node-Negative Stage II Esophageal Squamous Cell Carcinoma. <i>Metabolites</i> , 2022, 12, 7.	2.9	2
77	Hypoxia-Induced Cytosine Deaminase Gene Expression for Cancer Therapy. <i>Human Gene Therapy</i> , 2006, .	2.7	0