Wei-An Chang

List of Publications by Year
in descending order

62 papers	1,565 citations	411340 20 h-index	425179 34 g-index
64 all docs	64 docs citations	64 times ranked	2871 citing authors

#	Article	IF	Citations
1	Cysteinyl Leukotriene Pathway and Cancer. International Journal of Molecular Sciences, 2022, 23, 120.	1.8	14
2	Tumor Necrosis Factor Receptor Superfamily Member 21 Induces Endothelial-Mesenchymal Transition in Coronary Artery Endothelium of Type 2 Diabetes Mellitus. Biomedicines, 2022, 10, 1282.	1.4	4
3	Hypoxia-Induced Epithelial-to-Mesenchymal Transition in Proximal Tubular Epithelial Cells through miR-545-3pâ€“TNFSF10. Biomolecules, 2021, 11, 1032.	1.8	5
4	Amine oxidase, copper containing 3 exerts antiâ€‘mesenchymal transformation and enhances CD4⁺ Tâ€‘cell recruitment to prolong survival in lung cancer. Oncology Reports, 2021, 46, .	1.2	9
5	Cooperation Between Cancer and Fibroblasts in Vascular Mimicry and N2-Type Neutrophil Recruitment via Notch2â€“Jagged1 Interaction in Lung Cancer. Frontiers in Oncology, 2021, 11, 696931.	1.3	15
6	Comparison of Prone Positioning and Extracorporeal Membrane Oxygenation in Acute Respiratory Distress Syndrome: A Multicenter Cohort Study and Propensity-matched Analysis. Journal of the Formosan Medical Association, 2021, , .	0.8	1
7	Autocrine Exosomal Fibulin-1 as a Target of MiR-1269b Induces Epithelialâ€“Mesenchymal Transition in Proximal Tubule in Diabetic Nephropathy. Frontiers in Cell and Developmental Biology, 2021, 9, 789716.	1.8	8
8	miR-150-5p-Containing Extracellular Vesicles Are a New Immunoregulator That Favor the Progression of Lung Cancer in Hypoxic Microenvironments by Altering the Phenotype of NK Cells. Cancers, 2021, 13, 6252.	1.7	12
9	Bone-marrow-derived cell-released extracellular vesicle miR-92a regulates hepatic pre-metastatic niche in lung cancer. Oncogene, 2020, 39, 739-753.	2.6	44
10	The Potential Effects of Curcumin on Pulmonary Fibroblasts of Idiopathic Pulmonary Fibrosis (IPF)â€”Approaching with Next-Generation Sequencing and Bioinformatics. Molecules, 2020, 25, 5458.	1.7	5
11	Loss of miR-145-5p Causes Ceruloplasmin Interference with PHD-Iron Axis and HIF-2Î± Stabilization in Lung Adenocarcinoma-Mediated Angiogenesis. International Journal of Molecular Sciences, 2020, 21, 5081.	1.8	14
12	Upregulation of Thr/Tyr kinase Increases the Cancer Progression by Neurotensin and Dihydropyrimidinase-Like 3 in Lung Cancer. International Journal of Molecular Sciences, 2020, 21, 1640.	1.8	18
13	Dual Role of Chondrocytes in Rheumatoid Arthritis: The Chicken and the Egg. International Journal of Molecular Sciences, 2020, 21, 1071.	1.8	31
14	High Glucose Induces Mesangial Cell Apoptosis through miR-15b-5p and Promotes Diabetic Nephropathy by Extracellular Vesicle Delivery. Molecular Therapy, 2020, 28, 963-974.	3.7	49
15	Impact of corticosteroid treatment on clinical outcomes of influenza-associated ARDS: a nationwide multicenter study. Annals of Intensive Care, 2020, 10, 26.	2.2	29
16	First tidal volume greater than 8ÂmL/kg is associated with increased mortality in complicated influenza infection with acute respiratory distress syndrome. Journal of the Formosan Medical Association, 2019, 118, 378-385.	0.8	14
17	Identification of Novel Genes in Osteoarthritic Fibroblast-Like Synoviocytes Using Next-Generation Sequencing and Bioinformatics Approaches. International Journal of Medical Sciences, 2019, 16, 1057-1071.	1.1	10
18	Investigating Novel Genes Potentially Involved in Endometrial Adenocarcinoma using Next-Generation Sequencing and Bioinformatic Approaches. International Journal of Medical Sciences, 2019, 16, 1338-1348.	1.1	14

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19	Deduction of Novel Genes Potentially Involved in the Effects of Very Low Dose Atropine (0.003%) Treatment on Corneal Epithelial Cells Using Next-Generation Sequencing and Bioinformatics Approaches. Medicina (Lithuania), 2019, 55, 589.	0.8	3
20	Deducting MicroRNA-Mediated Changes Common in Bronchial Epithelial Cells of Asthma and Chronic Obstructive Pulmonary Diseaseâ€"A Next-Generation Sequencing-Guided Bioinformatic Approach. International Journal of Molecular Sciences, 2019, 20, 553.	1.8	35
21	Expressions of HLA Class II Genes in Cutaneous Melanoma Were Associated with Clinical Outcome: Bioinformatics Approaches and Systematic Analysis of Public Microarray and RNA-Seq Datasets. Diagnostics, 2019, 9, 59.	1.3	15
22	The Effects of Epigallocatechin Gallate (EGCG) on Pulmonary Fibroblasts of Idiopathic Pulmonary Fibrosis (IPF)â€"A Next-Generation Sequencing and Bioinformatic Approach. International Journal of Molecular Sciences, 2019, 20, 1958.	1.8	27
23	Gene Expression Changes Associated with Nintedanib Treatment in Idiopathic Pulmonary Fibrosis Fibroblasts: A Next-Generation Sequencing and Bioinformatics Study. Journal of Clinical Medicine, 2019, 8, 308.	1.0	19
24	Bioinformatic analysis of nextâ€'generation sequencing data to identify dysregulated genes in fibroblasts of idiopathic pulmonary fibrosis. International Journal of Molecular Medicine, 2019, 43, 1643-1656.	1.8	12
25	Differential expression profiles of the transcriptome in bone marrowâ€'derived cells in lung cancer revealed by next generation sequencing and bioinformatics. Oncology Letters, 2019, 17, 4341-4350.	0.8	3
26	CXCL17-derived CD11b+Gr-1+ myeloid-derived suppressor cells contribute to lung metastasis of breast cancer through platelet-derived growth factor-BB. Breast Cancer Research, 2019, 21, 23.	2.2	66
27	Systematic Analysis of Transcriptomic Profile of the Effects of Low Dose Atropine Treatment on Scleral Fibroblasts using Next-Generation Sequencing and Bioinformatics. International Journal of Medical Sciences, 2019, 16, 1652-1667.	1.1	8
28	Effects of Epigallocatechin Gallate (EGCG) on Urinary Bladder Urothelial Carcinomaâ€•Next-Generation Sequencing and Bioinformatics Approaches. Medicina (Lithuania), 2019, 55, 768.	0.8	14
29	Deduction of Novel Genes Potentially Involved in Keratinocytes of Type 2 Diabetes Using Next-Generation Sequencing and Bioinformatics Approaches. Journal of Clinical Medicine, 2019, 8, 73.	1.0	6
30	Der f1 induces pyroptosis in human bronchial epithelia via the NLRP3 inflammasome. International Journal of Molecular Medicine, 2018, 41, 757-764.	1.8	38
31	Hypoxic Lung-Cancer-Derived Extracellular Vesicle MicroRNA-103a Increases the Oncogenic Effects of Macrophages by Targeting PTEN. Molecular Therapy, 2018, 26, 568-581.	3.7	155
32	The Interaction of miR-378i-Skp2 Regulates Cell Senescence in Diabetic Nephropathy. Journal of Clinical Medicine, 2018, 7, 468.	1.0	22
33	Angpt2 Induces Mesangial Cell Apoptosis through the MicroRNA-33-5p-SOCS5 Loop in Diabetic Nephropathy. Molecular Therapy - Nucleic Acids, 2018, 13, 543-555.	2.3	31
34	Systematic Analysis of Transcriptomic Profile of Chondrocytes in Osteoarthritic Knee Using Next-Generation Sequencing and Bioinformatics. Journal of Clinical Medicine, 2018, 7, 535.	1.0	15
35	Deduction of novel genes potentially involved in hypoxic AC16 human cardiomyocytes using next-generation sequencing and bioinformatics approaches. International Journal of Molecular Medicine, 2018, 42, 2489-2502.	1.8	12
36	Identification of mutations in SLC4A1, GP1BA and HFE in a family with venous thrombosis of unknown cause by nextâ€'generation sequencing. Experimental and Therapeutic Medicine, 2018, 16, 4172-4180.	0.8	6

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37	Systematic Analysis of Differential Expression Profile in Rheumatoid Arthritis Chondrocytes Using Next-Generation Sequencing and Bioinformatics Approaches. International Journal of Medical Sciences, 2018, 15, 1129-1142.	1.1	20
38	Possible mechanisms mediating apoptosis of bronchial epithelial cells in chronic obstructive pulmonary disease â€“ A next-generation sequencing approach. Pathology Research and Practice, 2018, 214, 1489-1496.	1.0	19
39	Interaction between Tumor-Associated Dendritic Cells and Colon Cancer Cells Contributes to Tumor Progression via CXCL1. International Journal of Molecular Sciences, 2018, 19, 2427.	1.8	89
40	Systematic analysis of transcriptomic profiles of COPD airway epithelium using next-generation sequencing and bioinformatics. International Journal of COPD, 2018, Volume 13, 2387-2398.	0.9	21
41	Role of galectins in lung cancer (Review). Oncology Letters, 2017, 14, 5077-5084.	0.8	12
42	Vascular endothelial growth factor and protein level in pleural effusion for differentiating malignant from benign pleural effusion. Oncology Letters, 2017, 14, 3657-3662.	0.8	10
43	Deduction of Novel Genes Potentially Involved in Osteoblasts of Rheumatoid Arthritis Using Next-Generation Sequencing and Bioinformatic Approaches. International Journal of Molecular Sciences, 2017, 18, 2396.	1.8	21
44	Montelukast Induces Apoptosis-Inducing Factor-Mediated Cell Death of Lung Cancer Cells. International Journal of Molecular Sciences, 2017, 18, 1353.	1.8	44
45	Investigation of the role of tumor necrosis factor-like weak inducer of apoptosis in non-small cell lung cancer. Oncology Reports, 2017, 39, 573-581.	1.2	5
46	Identification of novel gene expression signature in lung adenocarcinoma by using next-generation sequencing data and bioinformatics analysis. Oncotarget, 2017, 8, 104831-104854.	0.8	69
47	Secreted protein acidic and rich in cysteine (SPARC) induces cell migration and epithelial mesenchymal transition through WNK1/snail in non-small cell lung cancer. Oncotarget, 2017, 8, 63691-63702.	0.8	52
48	Identification of novel genetic regulations associated with airway epithelial homeostasis using next-generation sequencing data and bioinformatics approaches. Oncotarget, 2017, 8, 82674-82688.	0.8	22
49	Identification of novel genes in aging osteoblasts using next-generation sequencing and bioinformatics. Oncotarget, 2017, 8, 113598-113613.	0.8	13
50	Didymin reverses phthalate ester-associated breast cancer aggravation in the breast cancer tumor microenvironment. Oncology Letters, 2016, 11, 1035-1042.	0.8	26
51	Laricitrin suppresses increased benzo(a)pyrene-induced lung tumor-associated monocyte-derived dendritic cell cancer progression. Oncology Letters, 2016, 11, 1783-1790.	0.8	11
52	Cysteinyl Leukotriene Receptor Antagonists Decrease Cancer Risk in Asthma Patients. Scientific Reports, 2016, 6, 23979.	1.6	46
53	Laricitrin ameliorates lung cancer-mediated dendritic cell suppression by inhibiting signal transducer and activator of transcription 3. Oncotarget, 2016, 7, 85220-85234.	0.8	14
54	Liver metastasis predicts poorer prognosis in stage IV lung adenocarcinoma patients receiving first-line gefitinib. Lung Cancer, 2015, 88, 187-194.	0.9	68

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55	Benzyl butyl phthalate increases the chemoresistance to doxorubicin/cyclophosphamide by increasing breast cancer-associated dendritic cell-derived CXCL1/GROÎ± and S100A8/A9. Oncology Reports, 2015, 34, 2889-2900.	1.2	29
56	Tricetin, a dietary flavonoid, suppresses benzo(a)pyrene-induced human non-small cell lung cancer bone metastasis. International Journal of Oncology, 2015, 46, 1985-1993.	1.4	21
57	Syringetin suppresses osteoclastogenesis mediated by osteoblasts in human lung adenocarcinoma. Oncology Reports, 2015, 34, 617-626.	1.2	8
58	Tumor Microenvironment: A New Treatment Target for Cancer. , 2014, 2014, 1-8.		98
59	Isolinderalactone inhibits proliferation of A549 human non-small cell lung cancer cells by arresting the cell cycle at the G0/G1 phase and inducing a Fas receptor and soluble Fas ligand-mediated apoptotic pathway. Molecular Medicine Reports, 2014, 9, 1653-1659.	1.1	19
60	Synergistic effect of lung tumorâ€associated dendritic cellâ€derived HBâ€EGF and CXCL5 on cancer progression. International Journal of Cancer, 2014, 135, 96-108.	2.3	30
61	Involvement of IL-10 and granulocyte colony-stimulating factor in the fate of monocytes controlled by galectin-1. Molecular Medicine Reports, 2014, 10, 2389-2394.	1.1	9
62	Probable Invasive Pulmonary Trichosporonosis in a Diabetic Patient. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 982-982.	2.5	2