

Han-chun Chen

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,924
citations

257450

24
h-index

276875

41
g-index

65
all docs

65
docs citations

65
times ranked

3103
citing authors

#	ARTICLE	IF	CITATIONS
1	Twist: a molecular target in cancer therapeutics. <i>Tumor Biology</i> , 2013, 34, 2497-2506.	1.8	171
2	Expressions and significances of the angiotensin-converting enzyme 2 gene, the receptor of SARS-CoV-2 for COVID-19. <i>Molecular Biology Reports</i> , 2020, 47, 4383-4392.	2.3	147
3	Antioxidant enzymes and cancer. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2010, 22, 87-92.	2.2	139
4	Anticancer Activities of <i>Nigella sativa&/i> (Black Cumin). <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2011, 8, 226-32.	0.3	122
5	Regulatory Effects of Resveratrol on Antioxidant Enzymes: a Mechanism of Growth Inhibition and Apoptosis Induction in Cancer Cells. <i>Molecules and Cells</i> , 2013, 35, 219-225.	2.6	104
6	Thioflavin T as a fluorescence probe for biosensing applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 109, 1-18.	11.4	82
7	Thymoquinone Inhibits the Migration and Invasive Characteristics of Cervical Cancer Cells SiHa and CaSki In Vitro by Targeting Epithelial to Mesenchymal Transition Associated Transcription Factors Twist1 and Zeb1. <i>Molecules</i> , 2017, 22, 2105.	3.8	55
8	Prospective evaluation of the diagnostic accuracy of hepatic copper content, as determined using the entire core of a liver biopsy sample. <i>Hepatology</i> , 2015, 62, 1731-1741.	7.3	52
9	Tripartite motif containing 28 (TRIM28) promotes breast cancer metastasis by stabilizing TWIST1 protein. <i>Scientific Reports</i> , 2016, 6, 29822.	3.3	50
10	Genetic polymorphisms of metabolic enzymes CYP1A1, CYP2D6, GSTM1 and GSTT1 and leukemia susceptibility. <i>European Journal of Cancer Prevention</i> , 2008, 17, 251-258.	1.3	49
11	Label-Free G-Quadruplex Aptamer Fluorescence Assay for Ochratoxin A Using a Thioflavin T Probe. <i>Toxins</i> , 2018, 10, 198.	3.4	49
12	Ubiquitination involved enzymes and cancer. <i>Medical Oncology</i> , 2014, 31, 93.	2.5	44
13	Roles of MicroRNA-34a in Epithelial to Mesenchymal Transition, Competing Endogenous RNA Sponging and Its Therapeutic Potential. <i>International Journal of Molecular Sciences</i> , 2019, 20, 861.	4.1	39
14	Resveratrol induces depletion of TRAF6 and suppresses prostate cancer cell proliferation and migration. <i>International Journal of Biochemistry and Cell Biology</i> , 2020, 118, 105644.	2.8	38
15	Repressive Effects of Resveratrol on Androgen Receptor Transcriptional Activity. <i>PLoS ONE</i> , 2009, 4, e7398.	2.5	38
16	Genetic polymorphisms of metabolic enzymesâ€”CYP1A1, CYP2D6, GSTM1, and GSTT1, and gastric carcinoma susceptibility. <i>Tumor Biology</i> , 2011, 32, 215-222.	1.8	37
17	ISG15 inhibits cancer cell growth and promotes apoptosis. <i>International Journal of Molecular Medicine</i> , 2017, 39, 446-452.	4.0	37
18	Genetic Polymorphisms of Phase II Metabolic Enzymes and Lung Cancer Susceptibility in a Population of Central South China. <i>Disease Markers</i> , 2006, 22, 141-152.	1.3	32

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19	Role of Mitochondrial Electron Transport Chain Dysfunction in Cr(VI)-Induced Cytotoxicity in L-02 Hepatocytes. <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 1013-1025.	1.6	32
20	Genetic identification and molecular modeling characterization reveal a novel <i>PROM1</i> mutation in Stargardt4-like macular dystrophy. <i>Oncotarget</i> , 2018, 9, 122-141.	1.8	32
21	Synthesis and biological characterization of synthetic analogs of Huwentoxin-IV (Mu-theraphotoxin-Hh2a), a neuronal tetrodotoxin-sensitive sodium channel inhibitor. <i>Toxicon</i> , 2013, 71, 57-65.	1.6	31
22	Label-free colorimetric assay for T4 polynucleotide kinase/phosphatase activity and its inhibitors based on G-quadruplex/hemin DNAzyme. <i>Analytical Biochemistry</i> , 2017, 517, 18-21.	2.4	30
23	The oncogenic role of ubiquitin specific peptidase (USP8) and its signaling pathways targeting for cancer therapeutics. <i>Archives of Biochemistry and Biophysics</i> , 2021, 701, 108811.	3.0	30
24	A Novel Detection Method of Human Serum Albumin Based on the Poly(Thymine)-Templated Copper Nanoparticles. <i>Sensors</i> , 2017, 17, 2684.	3.8	28
25	Huwentoxin-XVI, an analgesic, highly reversible mammalian N-type calcium channel antagonist from Chinese tarantula <i>Ornithoctonus huwena</i> . <i>Neuropharmacology</i> , 2014, 79, 657-667.	4.1	25
26	A facile label-free G-quadruplex based fluorescent aptasensor method for rapid detection of ATP. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 175, 164-167.	3.9	25
27	COVID-19 disease and malignant cancers: The impact for the <i>furin</i> gene expression in susceptibility to SARS-CoV-2. <i>International Journal of Biological Sciences</i> , 2021, 17, 3954-3967.	6.4	24
28	Fluorescence detection of adenosine triphosphate using smart probe. <i>Analytical Biochemistry</i> , 2012, 429, 8-10.	2.4	23
29	Polymorphisms of DNA repair genes XPD, XRCC1, and OGG1, and lung adenocarcinoma susceptibility in Chinese population. <i>Tumor Biology</i> , 2013, 34, 2843-2848.	1.8	23
30	Targeting ubiquitin specific protease 7 in cancer: A deubiquitinase with great prospects. <i>Cell Biochemistry and Function</i> , 2018, 36, 244-254.	2.9	23
31	A turn-on fluorescence assay of alkaline phosphatase activity based on an enzyme-triggered conformational switch of G-quadruplex. <i>Talanta</i> , 2020, 208, 120453.	5.5	22
32	COVID-19 receptor and malignant cancers: Association of <i>CTSL</i> expression with susceptibility to SARS-CoV-2. <i>International Journal of Biological Sciences</i> , 2022, 18, 2362-2371.	6.4	22
33	Overexpression of autotaxin is associated with human renal cell carcinoma and bladder carcinoma and their progression. <i>Medical Oncology</i> , 2016, 33, 131.	2.5	20
34	A sensitive detection method of carcinoembryonic antigen based on dsDNA-templated copper nanoparticles. <i>New Journal of Chemistry</i> , 2018, 42, 13702-13707.	2.8	20
35	Prostate adenocarcinoma and COVID-19: The possible impacts of <i>TMPRSS2</i> expressions in susceptibility to SARS-CoV-2. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 4157-4165.	3.6	20
36	Identification of a novel germline BRCA2 variant in a Chinese breast cancer family. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 1676-1683.	3.6	19

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37	ISG15 Inhibits IFN- λ -Resistant Liver Cancer Cell Growth. <i>BioMed Research International</i> , 2013, 2013, 1-8.	1.9	17
38	Genetic polymorphism of 21 non-CODIS STR loci in the Chinese Mongolian ethnic minority. <i>Forensic Science International: Genetics</i> , 2014, 9, e32-e33.	3.1	15
39	Simultaneous detection of kinase and phosphatase activities of polynucleotide kinase using molecular beacon probes. <i>Analytical Biochemistry</i> , 2013, 443, 166-168.	2.4	12
40	Label-free monitoring of DNA methyltransferase activity based on terminal deoxynucleotidyl transferase using a thioflavin T probe. <i>Molecular and Cellular Probes</i> , 2016, 30, 118-121.	2.1	12
41	Evaluation of PIK3CA mutations as a biomarker in Chinese breast carcinomas from Western China. <i>Cancer Biomarkers</i> , 2017, 19, 85-92.	1.7	12
42	Quencher-free hairpin probes for real-time detection of T4 polynucleotide kinase activity. <i>Analytical Biochemistry</i> , 2016, 494, 1-3.	2.4	11
43	Genetic mutations of p53 and k-ras in gastric carcinoma patients from Hunan, China. <i>Tumor Biology</i> , 2011, 32, 367-373.	1.8	10
44	Label-free highly sensitive detection of telomerase activity in cancer cell by chemiluminescence imaging. <i>Molecular and Cellular Probes</i> , 2012, 26, 212-214.	2.1	10
45	Genetic Authentication of <i>Gardenia jasminoides</i> Ellis var. <i>grandiflora</i> Nakai by Improved RAPD-Derived DNA Markers. <i>Molecules</i> , 2015, 20, 20219-20229.	3.8	10
46	Targeting the signalling pathways regulated by deubiquitinases for prostate cancer therapeutics. <i>Cell Biochemistry and Function</i> , 2019, 37, 304-319.	2.9	10
47	Quencher-free fluorescence strategy for detection of DNA methyltransferase activity based on exonuclease III-assisted signal amplification. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8111-8116.	3.7	9
48	Synergistic Role of Thymoquinone on Anticancer Activity of 5-Fluorouracil in Triple Negative Breast Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 1111-1118.	1.7	9
49	Molecular mechanism of inhibitory effects of melatonin on prostate cancer cell proliferation, migration and invasion. <i>PLoS ONE</i> , 2022, 17, e0261341.	2.5	7
50	CYP2A6, CYP1A1, and CYP2D6 polymorphisms in lung cancer patients from Central South China. <i>Medical Oncology</i> , 2013, 30, 521.	2.5	6
51	A novel missense variant c.G644A (p.G215E) of the RPGR gene in a Chinese family causes X-linked retinitis pigmentosa. <i>Bioscience Reports</i> , 2019, 39, .	2.4	6
52	Characterization and molecular cloning of novel isoforms of human spermatogenesis associated gene SPATA3. <i>Molecular Biology Reports</i> , 2019, 46, 3827-3834.	2.3	5
53	Anti-oxidant and Anticancerous Effect of <i>Fomitopsis officinalis</i> (Vill. ex Fr. Bond. et Sing) Mushroom on Hepatocellular Carcinoma Cells In Vitro through NF- κ B Pathway. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 1561-1570.	1.7	5
54	Anti-oxidant and Antiproliferative Activities of Mongolian Medicinal Plant Extracts and Structure Isolation of Gnetin-H Compound. <i>Medicinal Chemistry</i> , 2021, 17, 963-973.	1.5	5

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55	BRCA1, BRCA2, TP53, PIK3CA, PTEN and AKT1 genes mutations in Burkina Faso breast cancer patients: prevalence, spectrum and novel variant. <i>Molecular Genetics and Genomics</i> , 2022, 297, 1257-1268.	2.1	5
56	A novel MSH2 mutation in a Chinese family with hereditary non-polyposis colorectal cancer. <i>International Journal of Colorectal Disease</i> , 2007, 22, 875-879.	2.2	4
57	Identification of heptapeptides interacting with IFN- β -sensitive CML cells. <i>Expert Opinion on Investigational Drugs</i> , 2011, 20, 1583-1589.	4.1	2
58	Effects of a Particular Heptapeptide on the IFN- β -Sensitive CML Cells. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	1
59	Reply. <i>Hepatology</i> , 2016, 64, 1382-1383.	7.3	1
60	Effects of IFN- β combined with il-6 on growth and expression of the genes related to cell-growth and apoptosis of bone marrow cells from patients with CML. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association</i> , Beijing Institute for Cancer Research, 2000, 12, 183-187.	2.2	0