

Chia-Che Chang

List of Publications by Year in descending order

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55
papers

2,657
citations

201674

27
h-index

182427

51
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57
all docs

57
docs citations

57
times ranked

3941
citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin decreases hepatocellular carcinoma risk in a dose-dependent manner: population-based and in vitro studies. <i>Gut</i> , 2013, 62, 606-615.	12.1	352
2	Specific Ablation of the Apoptotic Functions of Cytochrome c Reveals a Differential Requirement for Cytochrome c and Apaf-1 in Apoptosis. <i>Cell</i> , 2005, 121, 579-591.	28.9	257
3	Taxifolin ameliorates cerebral ischemia-reperfusion injury in rats through its anti-oxidative effect and modulation of NF-kappa B activation. <i>Journal of Biomedical Science</i> , 2006, 13, 127-141.	7.0	152
4	Isolation of the human PEX12 gene, mutated in group 3 of the peroxisome biogenesis disorders. <i>Nature Genetics</i> , 1997, 15, 385-388.	21.4	142
5	Pex12 Interacts with Pex5 and Pex10 and Acts Downstream of Receptor Docking in Peroxisomal Matrix Protein Import. <i>Journal of Cell Biology</i> , 1999, 147, 761-774.	5.2	142
6	Resveratrol Alleviates Rheumatoid Arthritis via Reducing ROS and Inflammation, Inhibiting MAPK Signaling Pathways, and Suppressing Angiogenesis. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 12953-12960.	5.2	142
7	Development of natural anti-tumor drugs by microorganisms. <i>Journal of Bioscience and Bioengineering</i> , 2011, 111, 501-511.	2.2	83
8	Nuclear KrÄppel-like factor 4 expression is associated with human skin squamous cell carcinoma progression and metastasis. <i>Cancer Biology and Therapy</i> , 2008, 7, 777-782.	3.4	77
9	Let-7b-mediated suppression of basigin expression and metastasis in mouse melanoma cells. <i>Experimental Cell Research</i> , 2011, 317, 445-451.	2.6	69
10	Comparative Immunoproteomics of Identification and Characterization of Virulence Factors from <i>Helicobacter pylori</i> Related to Gastric Cancer. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 1484-1496.	3.8	60
11	Cadmium biosorption by polyvinyl alcohol immobilized recombinant <i>Escherichia coli</i> . <i>Journal of Hazardous Materials</i> , 2009, 169, 651-658.	12.4	57
12	High-throughput avian molecular sexing by SYBR green-based real-time PCR combined with melting curve analysis. <i>BMC Biotechnology</i> , 2008, 8, 12.	3.3	54
13	Enhancing production of prodigiosin from <i>Serratia marcescens</i> C3 by statistical experimental design and porous carrier addition strategy. <i>Biochemical Engineering Journal</i> , 2013, 78, 93-100.	3.6	52
14	Phenotype-Genotype Relationships in Complementation Group 3 of the Peroxisome-Biogenesis Disorders. <i>American Journal of Human Genetics</i> , 1998, 63, 1294-1306.	6.2	48
15	Roles of MKK1/2-ERK1/2 and Phosphoinositide 3-Kinase-ÄAKT Signaling Pathways in Erlotinib-Induced Rad51 Suppression and Cytotoxicity in Human Non-ÄSmall Cell Lung Cancer Cells. <i>Molecular Cancer Research</i> , 2009, 7, 1378-1389.	3.4	48
16	Prodigiosin down-regulates survivin to facilitate paclitaxel sensitization in human breast carcinoma cell lines. <i>Toxicology and Applied Pharmacology</i> , 2009, 235, 253-260.	2.8	46
17	Tanshinone IIA Facilitates TRAIL Sensitization by Up-regulating DR5 through the ROS-JNK-CHOP Signaling Axis in Human Ovarian Carcinoma Cell Lines. <i>Chemical Research in Toxicology</i> , 2015, 28, 1574-1583.	3.3	46
18	Structure and Biological Activity Analysis of Fucoidan Isolated from <i>Sargassum siliquosum</i> . <i>ACS Omega</i> , 2020, 5, 32447-32455.	3.5	45

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19	Undecylprodigiosin selectively induces apoptosis in human breast carcinoma cells independent of p53. <i>Toxicology and Applied Pharmacology</i> , 2007, 225, 318-328.	2.8	42
20	Prodigiosin inhibits gp91phox and iNOS expression to protect mice against the oxidative/nitrosative brain injury induced by hypoxia-ischemia. <i>Toxicology and Applied Pharmacology</i> , 2011, 257, 137-147.	2.8	39
21	Prodigiosin down-regulates SKP2 to induce p27 ^{KIP1} stabilization and antiproliferation in human lung adenocarcinoma cells. <i>British Journal of Pharmacology</i> , 2012, 166, 2095-2108.	5.4	39
22	Taurine protects HK-2 cells from oxidized LDL-induced cytotoxicity via the ROS-mediated mitochondrial and p53-related apoptotic pathways. <i>Toxicology and Applied Pharmacology</i> , 2014, 279, 351-363.	2.8	39
23	Antiviral effect of dehydroepiandrosterone on Japanese encephalitis virus infection. <i>Journal of General Virology</i> , 2005, 86, 2513-2523.	2.9	38
24	Prodigiosin activates endoplasmic reticulum stress cell death pathway in human breast carcinoma cell lines. <i>Toxicology and Applied Pharmacology</i> , 2012, 265, 325-334.	2.8	36
25	Isolation and purification of brown algae fucoidan from <i>Sargassum siliquosum</i> and the analysis of anti-lipogenesis activity. <i>Biochemical Engineering Journal</i> , 2021, 165, 107798.	3.6	32
26	Obatoclox, a Pan-BCL-2 Inhibitor, Downregulates Survivin to Induce Apoptosis in Human Colorectal Carcinoma Cells Via Suppressing WNT/ β -catenin Signaling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1773.	4.1	31
27	p53 modulates the AMPK inhibitor compound C induced apoptosis in human skin cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2013, 267, 113-124.	2.8	30
28	Localization Effect on the Metal Biosorption Capability of Recombinant Mammalian and Fish Metallothioneins in <i>Escherichia coli</i> . <i>Biotechnology Progress</i> , 2006, 22, 1256-1264.	2.6	29
29	Effect of molecular mass and sulfate content of fucoidan from <i>Sargassum siliquosum</i> on antioxidant, anti-lipogenesis, and anti-inflammatory activity. <i>Journal of Bioscience and Bioengineering</i> , 2021, 132, 359-364.	2.2	28
30	Prodigiosin-induced cytotoxicity involves RAD51 down-regulation through the JNK and p38 MAPK pathways in human breast carcinoma cell lines. <i>Toxicology Letters</i> , 2012, 212, 83-89.	0.8	26
31	Sulforaphane down-regulates SKP2 to stabilize p27KIP1 for inducing antiproliferation in human colon adenocarcinoma cells. <i>Journal of Bioscience and Bioengineering</i> , 2015, 119, 35-42.	2.2	25
32	CD30 Is Involved in Inhibition of T-Cell Proliferation by Hodgkin's Reed-Sternberg Cells 1. <i>Cancer Research</i> , 2004, 64, 2148-2152.	0.9	24
33	Kruppel-like factor 4 is involved in cell scattering induced by hepatocyte growth factor. <i>Journal of Cell Science</i> , 2012, 125, 4853-64.	2.0	24
34	Blockade of STAT3 Signaling Contributes to Anticancer Effect of 5-Acetyloxy-6,7,8,4'-Tetra-Methoxyflavone, a Tangeretin Derivative, on Human Glioblastoma Multiforme Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3366.	4.1	24
35	Dehydroxyhispolon Methyl Ether, A Hispolon Derivative, Inhibits WNT/ β -Catenin Signaling to Elicit Human Colorectal Carcinoma Cell Apoptosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8839.	4.1	24
36	Protective effects of <i>trans</i> -2,3,5,4-tetrahydroxystilbene 2-O- β -D-glucopyranoside on liver fibrosis and renal injury induced by CCl ₄ via down-regulating p-ERK1/2 and p-Smad1/2. <i>Food and Function</i> , 2019, 10, 5115-5123.	4.6	22

#	ARTICLE	IF	CITATIONS
37	WWP1 gene is a potential molecular target of human oral cancer. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2013, 116, 221-231.	0.4	21

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#	ARTICLE	IF	CITATIONS
55	Abstract 296: 12-O-tetradecanoylphorbol-13-acetate (TPA) induces cell scattering by upregulating Krüppel-like factor 4 (KLF4) through the PKC δ -ERK signaling axis., 2013, .		0