

# Pei-Ming Yang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59 papers	5,212 citations	21 h-index	62 g-index
62 ext. papers	6,025 ext. citations	5.4 avg, IF	4.68 L-index

#	Paper	IF	Citations
59	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
58	Autophagy potentiates the anti-cancer effects of the histone deacetylase inhibitors in hepatocellular carcinoma. <i>Autophagy</i> , <b>2010</b> , 6, 1057-65	10.2	172
57	Inhibition of autophagy enhances anticancer effects of atorvastatin in digestive malignancies. <i>Cancer Research</i> , <b>2010</b> , 70, 7699-709	10.1	112
56	Radiation induces senescence and a bystander effect through metabolic alterations. <i>Cell Death and Disease</i> , <b>2014</b> , 5, e1255	9.8	63
55	Cadmium induces Ca <sup>2+</sup> -dependent necrotic cell death through calpain-triggered mitochondrial depolarization and reactive oxygen species-mediated inhibition of nuclear factor-kappaB activity. <i>Chemical Research in Toxicology</i> , <b>2007</b> , 20, 406-15	4	62
54	Effect of cadmium on cell cycle progression in Chinese hamster ovary cells. <i>Chemico-Biological Interactions</i> , <b>2004</b> , 149, 125-36	5	58
53	Radiation-induced senescence in securin-deficient cancer cells promotes cell invasion involving the IL-6/STAT3 and PDGF-BB/PDGFR pathways. <i>Scientific Reports</i> , <b>2013</b> , 3, 1675	4.9	52
52	Zebularine inhibits tumorigenesis and stemness of colorectal cancer via p53-dependent endoplasmic reticulum stress. <i>Scientific Reports</i> , <b>2013</b> , 3, 3219	4.9	50
51	Dietary flavonoid fisetin targets caspase-3-deficient human breast cancer MCF-7 cells by induction of caspase-7-associated apoptosis and inhibition of autophagy. <i>International Journal of Oncology</i> , <b>2012</b> , 40, 469-78	4.4	49
50	Correlation of hepatocyte HBsAg expression with virus replication and liver pathology. <i>Hepatology</i> , <b>1988</b> , 8, 749-54	11.2	47
49	Autophagy promotes radiation-induced senescence but inhibits bystander effects in human breast cancer cells. <i>Autophagy</i> , <b>2014</b> , 10, 1212-28	10.2	45
48	Berberine inhibits the metastatic ability of prostate cancer cells by suppressing epithelial-to-mesenchymal transition (EMT)-associated genes with predictive and prognostic relevance. <i>International Journal of Medical Sciences</i> , <b>2015</b> , 12, 63-71	3.7	45
47	Comparison of organic and inorganic germanium compounds in cellular radiosensitivity and preparation of germanium nanoparticles as a radiosensitizer. <i>International Journal of Radiation Biology</i> , <b>2009</b> , 85, 214-26	2.9	43
46	Methotrexate induces apoptosis through p53/p21-dependent pathway and increases E-cadherin expression through downregulation of HDAC/EZH2. <i>Biochemical Pharmacology</i> , <b>2011</b> , 81, 510-7	6	39
45	A gene expression signature-based approach reveals the mechanisms of action of the Chinese herbal medicine berberine. <i>Scientific Reports</i> , <b>2014</b> , 4, 6394	4.9	37
44	Securin depletion sensitizes human colon cancer cells to fisetin-induced apoptosis. <i>Cancer Letters</i> , <b>2011</b> , 300, 96-104	9.9	28
43	Repositioning of a cyclin-dependent kinase inhibitor GW8510 as a ribonucleotide reductase M2 inhibitor to treat human colorectal cancer. <i>Cell Death Discovery</i> , <b>2016</b> , 2, 16027	6.9	26

42	Sorafenib Inhibits Ribonucleotide Reductase Regulatory Subunit M2 (RRM2) in Hepatocellular Carcinoma Cells. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	25
41	Attenuation of cadmium-induced necrotic cell death by necrostatin-1: potential necrostatin-1 acting sites. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 235, 153-62	4.6	25
40	Bioinformatics and in vitro experimental analyses identify the selective therapeutic potential of interferon gamma and apigenin against cervical squamous cell carcinoma and adenocarcinoma. <i>Oncotarget</i> , <b>2017</b> , 8, 46145-46162	3.3	23
39	Systematic polypharmacology and drug repurposing via an integrated L1000-based Connectivity Map database mining. <i>Royal Society Open Science</i> , <b>2018</b> , 5, 181321	3.3	22
38	CD1d induction in solid tumor cells by histone deacetylase inhibitors through inhibition of HDAC1/2 and activation of Sp1. <i>Epigenetics</i> , <b>2012</b> , 7, 390-9	5.7	20
37	Life or death? Autophagy in anticancer therapies with statins and histone deacetylase inhibitors. <i>Autophagy</i> , <b>2011</b> , 7, 107-8	10.2	19
36	Loss of IKKbeta activity increases p53 stability and p21 expression leading to cell cycle arrest and apoptosis. <i>Journal of Cellular and Molecular Medicine</i> , <b>2010</b> , 14, 687-98	5.6	18
35	Overview of Transforming Growth Factor $\beta$ Superfamily Involvement in Glioblastoma Initiation and Progression. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2015</b> , 16, 6813-23	1.7	18
34	Characteristics of hepatocellular carcinoma presenting with variceal bleeding. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>1998</b> , 13, 170-4	4	16
33	Inhibition of histone deacetylase activity is a novel function of the antifolate drug methotrexate. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 391, 1396-9	3.4	15
32	Ten-eleven translocation 1 (TET1) gene is a potential target of miR-21-5p in human colorectal cancer. <i>Surgical Oncology</i> , <b>2018</b> , 27, 76-81	2.5	14
31	Gene Expression Signature-Based Approach Identifies Antifungal Drug Ciclopirox As a Novel Inhibitor of HMGA2 in Colorectal Cancer. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	14
30	Upregulation of endocan by Epstein-Barr virus latent membrane protein 1 and its clinical significance in nasopharyngeal carcinoma. <i>PLoS ONE</i> , <b>2013</b> , 8, e82254	3.7	13
29	Heat shock protein 90 is involved in the regulation of HMGA2-driven growth and epithelial-to-mesenchymal transition of colorectal cancer cells. <i>PeerJ</i> , <b>2016</b> , 4, e1683	3.1	13
28	In Vitro and In Silico Mechanistic Insights into miR-21-5p-Mediated Topoisomerase Drug Resistance in Human Colorectal Cancer Cells. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	12
27	An Integrated Bioinformatics Analysis Repurposes an Anthelmintic Drug Niclosamide for Treating HMGA2-Overexpressing Human Colorectal Cancer. <i>Cancers</i> , <b>2019</b> , 11,	6.6	12
26	Comparison of the Biological Impact of UVA and UVB upon the Skin with Functional Proteomics and Immunohistochemistry. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	12
25	Securin enhances the anti-cancer effects of 6-methoxy-3-(3S4S5Strimethoxy-benzoyl)-1H-indole (BPR0L075) in human colorectal cancer cells. <i>PLoS ONE</i> , <b>2012</b> , 7, e36006	3.7	11

24	In silico and experimental analyses predict the therapeutic value of an EZH2 inhibitor GSK343 against hepatocellular carcinoma through the induction of metallothionein genes. <i>Oncoscience</i> , <b>2016</b> , 3, 9-20	0.8	11
23	CDKN2A-Inactivated Pancreatic Ductal Adenocarcinoma Exhibits Therapeutic Sensitivity to Paclitaxel: A Bioinformatics Study. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	11
22	Dicoumarol suppresses HMGA2-mediated oncogenic capacities and inhibits cell proliferation by inducing apoptosis in colon cancer. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 524, 1003-1009	3.4	10
21	Sequential Interferon $\beta$ Cisplatin Treatment Enhances the Surface Exposure of Calreticulin in Cancer Cells via an Interferon Regulatory Factor 1-Dependent Manner. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	10
20	AID downregulation is a novel function of the DNMT inhibitor 5-aza-deoxycytidine. <i>Oncotarget</i> , <b>2014</b> , 5, 211-23	3.3	10
19	Characterizing the Relapse Potential in Different Luminal Subtypes of Breast Cancers with Functional Proteomics. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	10
18	Differential effects of salen and manganese-salen complex (EUK-8) on the regulation of cellular cadmium uptake and toxicity. <i>Toxicological Sciences</i> , <b>2005</b> , 85, 551-9	4.4	9
17	Characterization of two highly homologous autoantibody-related VH1 genes in humans. <i>Scandinavian Journal of Immunology</i> , <b>1993</b> , 37, 504-8	3.4	9
16	and identification of inhibitory activities of sorafenib on histone deacetylases in hepatocellular carcinoma cells. <i>Oncotarget</i> , <b>2017</b> , 8, 86168-86180	3.3	8
15	Bioinformatics Data Mining Repurposes the JAK2 (Janus Kinase 2) Inhibitor Fedratinib for Treating Pancreatic Ductal Adenocarcinoma by Reversing the (Kirsten Rat Sarcoma 2 Viral Oncogene Homolog)-Driven Gene Signature. <i>Journal of Personalized Medicine</i> , <b>2020</b> , 10,	3.6	8
14	Functional Redox Proteomics Reveal That Aqueous Extract Alleviates Adriamycin-Induced Cardiomyopathy via Inhibiting ROS-Dependent Apoptosis. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 5136934	6.7	8
13	Integration of Bioinformatics Resources Reveals the Therapeutic Benefits of Gemcitabine and Cell Cycle Intervention in SMAD4-Deleted Pancreatic Ductal Adenocarcinoma. <i>Genes</i> , <b>2019</b> , 10,	4.2	7
12	Characterization of monoclonal antibodies against hepatitis C virus nonstructural protein 3: different antigenic determinants from human B cells. <i>Journal of Medical Virology</i> , <b>1999</b> , 57, 345-50	19.7	7
11	The Chinese Herbal Mixture Tien-Hsien Liquid Augments the Anticancer Immunity in Tumor Cell-Vaccinated Mice. <i>Integrative Cancer Therapies</i> , <b>2017</b> , 16, 319-328	3	5
10	PERK/ATF4-Dependent ZFAS1 Upregulation Is Associated with Sorafenib Resistance in Hepatocellular Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
9	Overexpression of miR-21-5p in colorectal cancer cells promotes self-assembly of E-cadherin-dependent multicellular tumor spheroids. <i>Tissue and Cell</i> , <b>2020</b> , 65, 101365	2.7	3
8	Computer-aided diagnosis of sonographic liver cirrhosis: a spleen-reference approach. <i>Medical Physics</i> , <b>2008</b> , 35, 1180-90	4.4	3
7	Differential effect of herbal tea extracts on free fatty acids-, ethanol- and acetaminophen-induced hepatotoxicity in FL83B hepatocytes. <i>Drug and Chemical Toxicology</i> , <b>2019</b> , 1-6	2.3	3

6	Characterization of Fibrinogen as a Key Modulator in Patients with Wilson's Diseases with Functional Proteomic Tools. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	2
5	In silico repurposing the Rac1 inhibitor NSC23766 for treating PTTG1-high expressing clear cell renal carcinoma. <i>Pathology Research and Practice</i> , <b>2019</b> , 215, 152373	3.4	2
4	A Bioinformatics Analysis Identifies the Telomerase Inhibitor MST-312 for Treating High-STMN1-Expressing Hepatocellular Carcinoma. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	1
3	Antioxidant properties of red raspberry extract alleviate hepatic fibrosis via inducing apoptosis and transdifferentiation of activated hepatic stellate cells. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 144, 112284	7.5	0
2	A Novel Invadopodia-Specific Marker for Invasive and Pro-Metastatic Cancer Stem Cells. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 638311	5.3	0
1	A chemical probe inhibitor targeting STAT1 restricts cancer stem cell traits and angiogenesis in colorectal cancer.. <i>Journal of Biomedical Science</i> , <b>2022</b> , 29, 20	13.3	0