

# Tao Peng

## List of Publications by Citations

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69  
papers

3,394  
citations

35  
h-index

57  
g-index

73  
ext. papers

3,785  
ext. citations

5.9  
avg, IF

5.32  
L-index

#	Paper	IF	Citations
69	Organic copper complexes as a new class of proteasome inhibitors and apoptosis inducers in human cancer cells. <i>Biochemical Pharmacology</i> , <b>2004</b> , 67, 1139-51	6	231
68	Overview of proteasome inhibitor-based anti-cancer therapies: perspective on bortezomib and second generation proteasome inhibitors versus future generation inhibitors of ubiquitin-proteasome system. <i>Current Cancer Drug Targets</i> , <b>2014</b> , 14, 517-36	2.8	173
67	Shikonin exerts antitumor activity via proteasome inhibition and cell death induction in vitro and in vivo. <i>International Journal of Cancer</i> , <b>2009</b> , 124, 2450-9	7.5	141
66	EGCG, green tea polyphenols and their synthetic analogs and prodrugs for human cancer prevention and treatment. <i>Advances in Clinical Chemistry</i> , <b>2011</b> , 53, 155-77	5.8	137
65	Targeting the ubiquitin-proteasome system for cancer therapy. <i>Expert Opinion on Therapeutic Targets</i> , <b>2013</b> , 17, 1091-108	6.4	130
64	The tumor proteasome as a novel target for gold(III) complexes: implications for breast cancer therapy. <i>Coordination Chemistry Reviews</i> , <b>2009</b> , 253, 1649-1660	23.2	123
63	The proteasome as a potential target for novel anticancer drugs and chemosensitizers. <i>Drug Resistance Updates</i> , <b>2006</b> , 9, 263-73	23.2	119
62	Shikonin extracted from medicinal Chinese herbs exerts anti-inflammatory effect via proteasome inhibition. <i>European Journal of Pharmacology</i> , <b>2011</b> , 658, 242-7	5.3	108
61	Tumor cellular proteasome inhibition and growth suppression by 8-hydroxyquinoline and clioquinol requires their capabilities to bind copper and transport copper into cells. <i>Journal of Biological Inorganic Chemistry</i> , <b>2010</b> , 15, 259-69	3.7	104
60	From bortezomib to other inhibitors of the proteasome and beyond. <i>Current Pharmaceutical Design</i> , <b>2013</b> , 19, 4025-38	3.3	99
59	Inhibition of tumor proteasome activity by gold-dithiocarbamate complexes via both redox-dependent and -independent processes. <i>Journal of Cellular Biochemistry</i> , <b>2010</b> , 109, 162-172	4.7	94
58	Docking studies and model development of tea polyphenol proteasome inhibitors: applications to rational drug design. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2004</b> , 54, 58-70	4.2	91
57	Novel epigallocatechin gallate (EGCG) analogs activate AMP-activated protein kinase pathway and target cancer stem cells. <i>Bioorganic and Medicinal Chemistry</i> , <b>2012</b> , 20, 3031-7	3.4	86
56	Metals in anticancer therapy: copper(II) complexes as inhibitors of the 20S proteasome. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 4353-61	6.8	85
55	Cellular and computational studies of proteasome inhibition and apoptosis induction in human cancer cells by amino acid Schiff base-copper complexes. <i>Journal of Inorganic Biochemistry</i> , <b>2013</b> , 118, 83-93	4.2	78
54	Pristimerin induces apoptosis by targeting the proteasome in prostate cancer cells. <i>Journal of Cellular Biochemistry</i> , <b>2008</b> , 103, 234-44	4.7	77
53	Clinical development of novel proteasome inhibitors for cancer treatment. <i>Expert Opinion on Investigational Drugs</i> , <b>2009</b> , 18, 957-71	5.9	75

52	Deubiquitinases (DUBs) and DUB inhibitors: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , <b>2015</b> , 25, 1191-1208	6.8	72
51	L-carnitine is an endogenous HDAC inhibitor selectively inhibiting cancer cell growth in vivo and in vitro. <i>PLoS ONE</i> , <b>2012</b> , 7, e49062	3.7	63
50	Growth arrest and apoptosis induction in androgen receptor-positive human breast cancer cells by inhibition of USP14-mediated androgen receptor deubiquitination. <i>Oncogene</i> , <b>2018</b> , 37, 1896-1910	9.2	61
49	Methylation suppresses the proteasome-inhibitory function of green tea polyphenols. <i>Journal of Cellular Physiology</i> , <b>2007</b> , 213, 252-60	7	60
48	Novel N-thiolated beta-lactam antibiotics selectively induce apoptosis in human tumor and transformed, but not normal or nontransformed, cells. <i>Biochemical Pharmacology</i> , <b>2004</b> , 67, 365-74	6	60
47	Targeting the ubiquitin-proteasome system for cancer treatment: discovering novel inhibitors from nature and drug repurposing. <i>Cancer and Metastasis Reviews</i> , <b>2017</b> , 36, 717-736	9.6	59
46	Direct inhibition of the ubiquitin-proteasome pathway by ester bond-containing green tea polyphenols is associated with increased expression of sterol regulatory element-binding protein 2 and LDL receptor. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2004</b> , 1682, 1-10	5	59
45	Gambogic acid enhances proteasome inhibitor-induced anticancer activity. <i>Cancer Letters</i> , <b>2011</b> , 301, 221-8	9.9	56
44	Relationship between the methylation status of dietary flavonoids and their growth-inhibitory and apoptosis-inducing activities in human cancer cells. <i>Journal of Cellular Biochemistry</i> , <b>2008</b> , 105, 514-23	4.7	55
43	Molecular mechanisms of green tea polyphenols. <i>Nutrition and Cancer</i> , <b>2009</b> , 61, 827-35	2.8	54
42	New uses for old copper-binding drugs: converting the pro-angiogenic copper to a specific cancer cell death inducer. <i>Expert Opinion on Therapeutic Targets</i> , <b>2008</b> , 12, 739-48	6.4	49
41	Structure-activity study of epi-gallocatechin gallate (EGCG) analogs as proteasome inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2005</b> , 13, 2177-85	3.4	46
40	G(1) phase-dependent expression of bcl-2 mRNA and protein correlates with chemoresistance of human cancer cells. <i>Molecular Pharmacology</i> , <b>2000</b> , 58, 1001-10	4.3	43
39	1,10-Phenanthroline promotes copper complexes into tumor cells and induces apoptosis by inhibiting the proteasome activity. <i>Journal of Biological Inorganic Chemistry</i> , <b>2012</b> , 17, 1257-67	3.7	42
38	Proteasome inhibition in human breast cancer cells with high catechol-O-methyltransferase activity by green tea polyphenol EGCG analogs. <i>Bioorganic and Medicinal Chemistry</i> , <b>2010</b> , 18, 1252-8	3.4	41
37	Disulfiram promotes the conversion of carcinogenic cadmium to a proteasome inhibitor with pro-apoptotic activity in human cancer cells. <i>Toxicology and Applied Pharmacology</i> , <b>2008</b> , 229, 206-14	4.6	40
36	Gold(III)-dithiocarbamate peptidomimetics in the forefront of the targeted anticancer therapy: preclinical studies against human breast neoplasia. <i>PLoS ONE</i> , <b>2014</b> , 9, e84248	3.7	39
35	Evaluation of proteasome-inhibitory and apoptosis-inducing potencies of novel (-)-EGCG analogs and their prodrugs. <i>International Journal of Molecular Medicine</i> , <b>2005</b> , 15, 735-42	4.4	36

34	Calpain-mediated androgen receptor breakdown in apoptotic prostate cancer cells. <i>Journal of Cellular Physiology</i> , <b>2008</b> , 217, 569-76	7	35
33	Antitumor activity of novel fluoro-substituted (-)-epigallocatechin-3-gallate analogs. <i>Cancer Letters</i> , <b>2010</b> , 292, 48-53	9.9	34
32	The proteasome is a molecular target of environmental toxic organotins. <i>Environmental Health Perspectives</i> , <b>2009</b> , 117, 379-86	8.4	32
31	A patent review of the ubiquitin ligase system: 2015-2018. <i>Expert Opinion on Therapeutic Patents</i> , <b>2018</b> , 28, 919-937	6.8	31
30	Metal-based proteasomal deubiquitinase inhibitors as potential anticancer agents. <i>Cancer and Metastasis Reviews</i> , <b>2017</b> , 36, 655-668	9.6	28
29	Inhibition of 19S proteasome-associated deubiquitinases by metal-containing compounds. <i>Oncoscience</i> , <b>2015</b> , 2, 457-66	0.8	25
28	The interplay of AMP-activated protein kinase and androgen receptor in prostate cancer cells. <i>Journal of Cellular Physiology</i> , <b>2014</b> , 229, 688-95	7	22
27	Tumor necrosis factor- $\beta$ sensitizes breast cancer cells to natural products with proteasome-inhibitory activity leading to apoptosis. <i>PLoS ONE</i> , <b>2014</b> , 9, e113783	3.7	22
26	HDAC inhibitor L-carnitine and proteasome inhibitor bortezomib synergistically exert anti-tumor activity in vitro and in vivo. <i>PLoS ONE</i> , <b>2012</b> , 7, e52576	3.7	21
25	Novel Polypyridyl chelators deplete cellular zinc and destabilize the X-linked inhibitor of apoptosis protein (XIAP) prior to induction of apoptosis in human prostate and breast cancer cells. <i>Journal of Cellular Biochemistry</i> , <b>2012</b> , 113, 2567-75	4.7	19
24	The preclinical discovery and development of bortezomib for the treatment of mantle cell lymphoma. <i>Expert Opinion on Drug Discovery</i> , <b>2017</b> , 12, 225-235	6.2	16
23	Targeting the DNA Repair Endonuclease ERCC1-XPF with Green Tea Polyphenol Epigallocatechin-3-Gallate (EGCG) and Its Prodrug to Enhance Cisplatin Efficacy in Human Cancer Cells. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	16
22	Proteasome inhibitors induce AMPK activation via CaMKK $\beta$ in human breast cancer cells. <i>Breast Cancer Research and Treatment</i> , <b>2015</b> , 153, 79-88	4.4	15
21	Regulation of metformin response by breast cancer associated gene 2. <i>Neoplasia</i> , <b>2013</b> , 15, 1379-90	6.4	15
20	Putative roles of retinoblastoma protein in apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1997</b> , 2, 5-18	5.4	15
19	Perspectives on the recent developments with green tea polyphenols in drug discovery. <i>Expert Opinion on Drug Discovery</i> , <b>2018</b> , 13, 643-660	6.2	15
18	Everolimus Inhibits Growth of Gemcitabine-Resistant Pancreatic Cancer Cells via Induction of Caspase-Dependent Apoptosis and G <sub>1</sub> /M Arrest. <i>Journal of Cellular Biochemistry</i> , <b>2017</b> , 118, 2722-2730	4.7	13
17	l-Tryptophan Schiff base cadmium(II) complexes as a new class of proteasome inhibitors and apoptosis inducers in human breast cancer cells. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 466, 478-485	2.7	13

16	L-Ornithine Schiff base-copper and -cadmium complexes as new proteasome inhibitors and apoptosis inducers in human cancer cells. <i>Journal of Biological Inorganic Chemistry</i> , <b>2015</b> , 20, 109-21	3.7	12
15	P-Glycoprotein Inhibition Sensitizes Human Breast Cancer Cells to Proteasome Inhibitors. <i>Journal of Cellular Biochemistry</i> , <b>2017</b> , 118, 1239-1248	4.7	12
14	Modulation of the tumor cell death pathway by androgen receptor in response to cytotoxic stimuli. <i>Journal of Cellular Physiology</i> , <b>2011</b> , 226, 2731-9	7	12
13	Repurposing old drugs as new inhibitors of the ubiquitin-proteasome pathway for cancer treatment. <i>Seminars in Cancer Biology</i> , <b>2021</b> , 68, 105-122	12.7	11
12	Transcriptional activation of breast cancer-associated gene 2 by estrogen receptor. <i>Breast Cancer Research and Treatment</i> , <b>2012</b> , 135, 495-503	4.4	9
11	Everolimus regulates the activity of gemcitabine-resistant pancreatic cancer cells by targeting the Warburg effect via PI3K/AKT/mTOR signaling. <i>Molecular Medicine</i> , <b>2021</b> , 27, 38	6.2	9
10	Lessons from Nature: Sources and Strategies for Developing AMPK Activators for Cancer Chemotherapeutics. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2015</b> , 15, 657-71	2.2	8
9	Computational and biochemical studies of isothiocyanates as inhibitors of proteasomal cysteine deubiquitinases in human cancer cells. <i>Journal of Cellular Biochemistry</i> , <b>2018</b> , 119, 9006-9016	4.7	7
8	Involvement of ALAD-20S Proteasome Complexes in Ubiquitination and Acetylation of Proteasomal $\beta$ Subunits. <i>Journal of Cellular Biochemistry</i> , <b>2016</b> , 117, 144-51	4.7	7
7	Direct inhibition of interleukin-2 receptor alpha-mediated signaling pathway induces G1 arrest and apoptosis in human head-and-neck cancer cells. <i>Journal of Cellular Biochemistry</i> , <b>2005</b> , 95, 379-90	4.7	5
6	Targeting Ubiquitin-Proteasome System With Copper Complexes for Cancer Therapy. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 649151	5.6	5
5	Inhibition of the 26S proteasome as a possible mechanism for toxicity of heavy metal species. <i>Journal of Inorganic Biochemistry</i> , <b>2014</b> , 132, 96-103	4.2	3
4	Updated review on green tea polyphenol epigallocatechin-3-gallate as a cancer epigenetic regulator. <i>Seminars in Cancer Biology</i> , <b>2021</b> ,	12.7	3
3	Proteasome-associated cysteine deubiquitinases are molecular targets of environmental optical brightener compounds. <i>Journal of Cellular Biochemistry</i> , <b>2019</b> , 120, 14065-14075	4.7	2
2	Proteasome inhibitor patents (2010 - present). <i>Expert Opinion on Therapeutic Patents</i> , <b>2014</b> , 24, 369-82	6.8	2
1	Lessons learned from Art Pardee in cell cycle, science, and life. <i>Journal of Cellular Physiology</i> , <b>2006</b> , 209, 663-9	7	