

Philip J Moos

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.

38
papers

1,276
citations

19
h-index

35
g-index

41
ext. papers

1,433
ext. citations

5.5
avg, IF

4.18
L-index

#	Paper	IF	Citations
38	ZnO particulate matter requires cell contact for toxicity in human colon cancer cells. <i>Chemical Research in Toxicology</i> , 2010 , 23, 733-9	4	168
37	Electrophilic prostaglandins and lipid aldehydes repress redox-sensitive transcription factors p53 and hypoxia-inducible factor by impairing the selenoprotein thioredoxin reductase. <i>Journal of Biological Chemistry</i> , 2003 , 278, 745-50	5.4	132
36	Cyclopentenone prostaglandins of the J series inhibit the ubiquitin isopeptidase activity of the proteasome pathway. <i>Journal of Biological Chemistry</i> , 2001 , 276, 30366-73	5.4	103
35	Curcumin impairs tumor suppressor p53 function in colon cancer cells. <i>Carcinogenesis</i> , 2004 , 25, 1611-7	4.6	96
34	Thioredoxin reductase is required for the inactivation of tumor suppressor p53 and for apoptosis induced by endogenous electrophiles. <i>Carcinogenesis</i> , 2006 , 27, 2538-49	4.6	89
33	Combating subclonal evolution of resistant cancer phenotypes. <i>Nature Communications</i> , 2017 , 8, 1231	17.4	79
32	Responses of human cells to ZnO nanoparticles: a gene transcription study. <i>Metallomics</i> , 2011 , 3, 1199-2115	1.5	74
31	Transient receptor potential vanilloid 1 agonists cause endoplasmic reticulum stress and cell death in human lung cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 321, 830-8	4.7	68
30	Differential gene expression in primary human skin keratinocytes and fibroblasts in response to ionizing radiation. <i>Radiation Research</i> , 2009 , 172, 82-95	3.1	40
29	Genotoxicity of amorphous silica nanoparticles: Status and prospects. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 16, 106-125	6	40
28	Thioredoxin reductase 1 knockdown enhances selenazolidine cytotoxicity in human lung cancer cells via mitochondrial dysfunction. <i>Biochemical Pharmacology</i> , 2011 , 81, 211-21	6	39
27	Circulating immune cell phenotype dynamics reflect the strength of tumor-immune cell interactions in patients during immunotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 16072-16082	11.5	29
26	Oxidation of 2-Cys-peroxiredoxins by arachidonic acid peroxide metabolites of lipoxygenases and cyclooxygenase-2. <i>Journal of Biological Chemistry</i> , 2007 , 282, 32623-9	5.4	29
25	Conditional expression of 15-lipoxygenase-1 inhibits the selenoenzyme thioredoxin reductase: modulation of selenoproteins by lipoxygenase enzymes. <i>Journal of Biological Chemistry</i> , 2004 , 279, 28028-35	5.4	28
24	Selenium for the prevention of cutaneous melanoma. <i>Nutrients</i> , 2013 , 5, 725-49	6.7	27
23	Modulation of redox status in human lung cell lines by organoselenocompounds: selenazolidines, selenomethionine, and methylseleninic acid. <i>Toxicology in Vitro</i> , 2008 , 22, 1761-7	3.6	25
22	Selenoprotein P protects cells from lipid hydroperoxides generated by 15-LOX-1. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2010 , 83, 203-10	2.8	23

21	Impact of microarray technology in clinical oncology. <i>Cancer Investigation</i> , 2004 , 22, 312-20	2.1	23
20	Selenoprotein P regulation by the glucocorticoid receptor. <i>BioMetals</i> , 2009 , 22, 995-1009	3.4	19
19	Global gene expression analysis of macrophage response induced by nonporous and porous silica nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 533-545	6	17
18	The role of thioredoxin reductase 1 in melanoma metabolism and metastasis. <i>Pigment Cell and Melanoma Research</i> , 2015 , 28, 685-95	4.5	16
17	Pre- and post-initiation chemoprevention activity of 2-alkyl/aryl selenazolidine-4(R)-carboxylic acids against tobacco-derived nitrosamine (NNK)-induced lung tumors in the A/J mouse. <i>Chemico-Biological Interactions</i> , 2007 , 168, 211-20	5	15
16	Integrative analyses reveal signaling pathways underlying familial breast cancer susceptibility. <i>Molecular Systems Biology</i> , 2016 , 12, 860	12.2	13
15	Thioredoxin reductase 1 ablation sensitizes colon cancer cells to methylseleninate-mediated cytotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2009 , 241, 348-55	4.6	13
14	JS-K, a nitric oxide prodrug, has enhanced cytotoxicity in colon cancer cells with knockdown of thioredoxin reductase 1. <i>PLoS ONE</i> , 2010 , 5, e8786	3.7	13
13	Genomic classification of the RAS network identifies a personalized treatment strategy for lung cancer. <i>Molecular Oncology</i> , 2014 , 8, 1339-54	7.9	10
12	Transcriptional responses of human aortic endothelial cells to nanoconstructs used in biomedical applications. <i>Molecular Pharmaceutics</i> , 2013 , 10, 3242-52	5.6	9
11	Exploiting collateral sensitivity controls growth of mixed culture of sensitive and resistant cells and decreases selection for resistant cells in a cell line model. <i>Cancer Cell International</i> , 2020 , 20, 253	6.4	8
10	Gene-expression patterns in peripheral blood classify familial breast cancer susceptibility. <i>BMC Medical Genomics</i> , 2015 , 8, 72	3.7	8
9	Major differences among chemopreventive organoselenocompounds in the sustained elevation of cytoprotective genes. <i>Journal of Biochemical and Molecular Toxicology</i> , 2012 , 26, 344-53	3.4	5
8	Evolution of core archetypal phenotypes in progressive high grade serous ovarian cancer. <i>Nature Communications</i> , 2021 , 12, 3039	17.4	5
7	A one-two punch therapy strategy to target chemoresistance in estrogen receptor positive breast cancer. <i>Translational Oncology</i> , 2021 , 14, 100946	4.9	4
6	Differential gene expression patterns in vein regions susceptible versus resistant to neointimal hyperplasia. <i>Physiological Genomics</i> , 2018 , 50, 615-627	3.6	3
5	Time- and dose-dependent gene expression analysis of macrophage response as a function of porosity of silica nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 21, 102041	6	3
4	Toxicogenomic Evaluation of Nanomaterials 2013 , 253-260		

- 3 Selenoprotein P reduces lipid hydroperoxides in human embryonic kidney cells following exposure to 15- hydroperoxyeicosatetraenoic acid. *FASEB Journal*, **2010**, 24, 916.7 0.9
- 2 HIV-1 provirus transcription and translation in macrophages differs from pre-integrated cDNA complexes and requires E2F transcriptional programs.. *Virulence*, **2022**, 13, 386-413 4.7
- 1 Abstract OT2-19-07: A phase I/Ib trial of the CDK4/6 antagonist ribociclib (RIB) and the HDAC inhibitor belinostat (BEL) in patients with metastatic triple negative breast cancer and recurrent ovarian cancer with response prediction by genomics (CHARGE). *Cancer Research*, **2022**, 82, OT2-19-07-OT2-19-07 10.1