

# Charles A Miller Iii

## List of Publications by Year in descending order

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35  
papers

1,644  
citations

361413

20  
h-index

395702

33  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1740  
citing authors

#	ARTICLE	IF	CITATIONS
1	Indirubin and Indigo Are Potent Aryl Hydrocarbon Receptor Ligands Present in Human Urine. <i>Journal of Biological Chemistry</i> , 2001, 276, 31475-31478.	3.4	331
2	Characterization of human granular lymphocyte subpopulations expressing HNK-1 (Leu-7) and Leu-11 antigens in the blood and lymphoid tissues from fetuses, neonates and adults. <i>European Journal of Immunology</i> , 1984, 14, 616-623.	2.9	140
3	Expression of the Human Aryl Hydrocarbon Receptor Complex in Yeast. <i>Journal of Biological Chemistry</i> , 1997, 272, 32824-32829.	3.4	122
4	Gedunin Inactivates the Co-chaperone p23 Protein Causing Cancer Cell Death by Apoptosis. <i>Journal of Biological Chemistry</i> , 2013, 288, 7313-7325.	3.4	120
5	A Human Aryl Hydrocarbon Receptor Signaling Pathway Constructed in Yeast Displays Additive Responses to Ligand Mixtures. <i>Toxicology and Applied Pharmacology</i> , 1999, 160, 297-303.	2.8	108
6	Activation of Silent Replication Origins at Autonomously Replicating Sequence Elements near the <i>HML</i> Locus in Budding Yeast. <i>Molecular and Cellular Biology</i> , 1999, 19, 6098-6109.	2.3	96
7	The Hsp90 Cochaperone p23 Is Essential for Perinatal Survival. <i>Molecular and Cellular Biology</i> , 2006, 26, 8976-8983.	2.3	91
8	Complexing of actin and other nuclear proteins to DNA by cis-diamminedichloroplatinum(II) and chromium compounds. <i>Carcinogenesis</i> , 1991, 12, 269-276.	2.8	85
9	Physicochemical characteristics and biological effects of nickel oxides. <i>Carcinogenesis</i> , 1987, 8, 305-313.	2.8	61
10	Evaluation of Polycyclic Aromatic Hydrocarbons Using Analytical Methods, Toxicology, and Risk Assessment Research: Seafood Safety after a Petroleum Spill as an Example. <i>Environmental Health Perspectives</i> , 2014, 122, 6-9.	6.0	53
11	Cooperation of heat shock protein 90 and p23 in aryl hydrocarbon receptor signaling. <i>Cell Stress and Chaperones</i> , 2004, 9, 4.	2.9	53
12	Methylated phenanthrenes are more potent than phenanthrene in a bioassay of human aryl hydrocarbon receptor (AhR) signaling. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2363-2367.	4.3	39
13	Immunological detection of DNA-protein complexes induced by chromate. <i>Carcinogenesis</i> , 1989, 10, 667-672.	2.8	38
14	The p23 co-chaperone facilitates dioxin receptor signaling in a yeast model system. <i>Toxicology Letters</i> , 2002, 129, 13-21.	0.8	37
15	Cooperation of heat shock protein 90 and p23 in aryl hydrocarbon receptor signaling. <i>Cell Stress and Chaperones</i> , 2004, 9, 4-20.	2.9	29
16	Proportions of resting memory T cells and monocytes in blood have prognostic significance in idiopathic pulmonary fibrosis. <i>Genomics</i> , 2019, 111, 1343-1350.	2.9	25
17	Lung elastic recoil during breathing at increased lung volume. <i>Journal of Applied Physiology</i> , 1999, 87, 1491-1495.	2.5	23
18	Detecting ligands and dissecting nuclear receptor-signaling pathways using recombinant strains of the yeast <i>Saccharomyces cerevisiae</i> . <i>Nature Protocols</i> , 2008, 3, 637-645.	12.0	23

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19	Single plasmids expressing human steroid hormone receptors and a reporter gene for use in yeast signaling assays. <i>Plasmid</i> , 2010, 63, 73-78.	1.4	22
20	Microbiota Metabolism Promotes Synthesis of the Human Ah Receptor Agonist 2,8-Dihydroxyquinoline. <i>Journal of Proteome Research</i> , 2019, 18, 1715-1724.	3.7	21
21	Two tetratricopeptide repeat proteins facilitate human aryl hydrocarbon receptor signalling in yeast. <i>Cellular Signalling</i> , 2002, 14, 615-623.	3.6	20
22	Pharmacological and Genetic Analysis of 90-kDa Heat Shock Isoprotein-Aryl Hydrocarbon Receptor Complexes. <i>Molecular Pharmacology</i> , 2003, 64, 1549-1556.	2.3	19
23	EVALUATING POLYCYCLIC AROMATIC HYDROCARBONS USING A YEAST BIOASSAY. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1333.	4.3	17
24	The Aryl-hydrocarbon receptor does not require the p23 co-chaperone for ligand binding and target gene expression in vivo. <i>Toxicology Letters</i> , 2009, 189, 57-62.	0.8	17
25	Immunodetection of DNA-protein crosslinks by slot blotting. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1990, 234, 97-106.	0.4	16
26	Selective nuclear protein phosphorylation/dephosphorylation in subpopulations of human colonic carcinoma cells. <i>Cancer Letters</i> , 1985, 28, 291-297.	7.2	7
27	Small Interfering RNAs (siRNAs) Targeting TGF- $\beta$ 1 mRNA Suppress Asbestos-Induced Expression of TGF- $\beta$ 1 and CTGF in Fibroblasts. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2009, 28, 109-119.	1.2	7
28	Aryl hydrocarbon receptor signaling, toxicity, and gene expression responses to monoaromatic methylchrysenes. <i>Environmental Toxicology</i> , 2019, 34, 992-1000.	4.0	6
29	Selective Modifications of Cellular Proteins in Intratumoral Subpopulations of Human Colonic Carcinoma Cells. <i>Cancer Investigation</i> , 1986, 4, 5-14.	1.3	5
30	The Impact of the Deepwater Horizon Oil Spill upon Lung Health: Mouse Model-Based RNA-Seq Analyses. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5466.	2.6	4
31	The importance of short term exposure of C3H 10T12 cells to polycyclic hydrocarbons: Evidence for hydrocarbon-mediated anticarcinogenic activity. <i>Cancer Letters</i> , 1981, 13, 291-297.	7.2	3
32	Overlapping 3'-end formation signals and ARS elements: tightly linked but functionally separable. <i>Gene</i> , 1998, 222, 69-75.	2.2	3
33	Activation of aryl hydrocarbon receptor signaling by extracts of teak and other wood dusts. <i>Environmental Toxicology</i> , 2015, 30, 1375-1384.	4.0	3
34	Hsp90 and p23 facilitate steroid hormone receptor signaling in yeast. <i>FASEB Journal</i> , 2009, 23, 673.7.	0.5	0
35	Fractionation, Chemical Analysis, and In Vitro Testing Identify Bioactive Components in MC252 Crude Oil. <i>International Oil Spill Conference Proceedings</i> , 2021, 2021, .	0.1	0