

# Alan A Dombkowski

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,500  
citations

236833

25  
h-index

206029

48  
g-index

63  
all docs

63  
docs citations

63  
times ranked

4673  
citing authors

#	ARTICLE	IF	CITATIONS
1	Levels of plasma glycan-binding auto-IgG biomarkers improve the accuracy of prostate cancer diagnosis. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 13-22.	1.4	2
2	Exosomes in Epilepsy of Tuberous Sclerosis Complex: Carriers of Pro-Inflammatory MicroRNAs. <i>Non-coding RNA</i> , 2021, 7, 40.	1.3	12
3	Monozygotic twins with neuroblastoma MS have a similar molecular profile: a case of twin-to-twin metastasis. <i>British Journal of Cancer</i> , 2019, 121, 890-893.	2.9	4
4	TLR7 activation in epilepsy of tuberous sclerosis complex. <i>Inflammation Research</i> , 2019, 68, 993-998.	1.6	12
5	Exposure of Larval Zebrafish to the Insecticide Propoxur Induced Developmental Delays that Correlate with Behavioral Abnormalities and Altered Expression of hspb9 and hspb11. <i>Toxics</i> , 2019, 7, 50.	1.6	6
6	A study of circulating microRNAs identifies a new potential biomarker panel to distinguish aggressive prostate cancer. <i>Carcinogenesis</i> , 2018, 39, 556-561.	1.3	24
7	A distinct microRNA expression profile is associated with $^{11}\text{C}$ -methyl-L-tryptophan (AMT) PET uptake in epileptogenic cortical tubers resected from patients with tuberous sclerosis complex. <i>Neurobiology of Disease</i> , 2018, 109, 76-87.	2.1	19
8	A nutrigenetic approach for investigating the chemopreventive effects of black raspberries during the development of preneoplastic esophagi in rats. <i>Journal of Berry Research</i> , 2018, 8, 263-274.	0.7	6
9	Global Signaling Profiling in a Human Model of Tumorigenic Progression Indicates a Role for Alternative RNA Splicing in Cellular Reprogramming. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2847.	1.8	1
10	Neuroinflammatory Nexus of Pediatric Epilepsy. <i>Journal of Pediatric Epilepsy</i> , 2018, 07, 032-039.	0.1	3
11	The extrema of circulating miR-17 are identified as biomarkers for aggressive prostate cancer. <i>American Journal of Cancer Research</i> , 2018, 8, 2088-2095.	1.4	7
12	AP-2 $\beta$ Is a Downstream Effector of PITX2 Required to Specify Endothelium and Establish Angiogenic Privilege During Corneal Development. , 2016, 57, 1072.		28
13	Differential Regulation of Gene Expression by Cholesterol Biosynthesis Inhibitors That Reduce (Pravastatin) or Enhance (Squalestatin 1) Nonsterol Isoprenoid Levels in Primary Cultured Mouse and Rat Hepatocytes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 358, 216-229.	1.3	8
14	Amplification of WHSC1L1 regulates expression and estrogen-independent activation of ER $\alpha$ in SUMO44 breast cancer cells and is associated with ER $\alpha$ overexpression in breast cancer. <i>Molecular Oncology</i> , 2016, 10, 850-865.	2.1	41
15	Black raspberries demethylate Sfrp4, a WNT pathway antagonist, in rat esophageal squamous cell papilloma. <i>Molecular Carcinogenesis</i> , 2016, 55, 1867-1875.	1.3	18
16	Cortical Tubers: Windows into Dysregulation of Epilepsy Risk and Synaptic Signaling Genes by MicroRNAs. <i>Cerebral Cortex</i> , 2016, 26, 1059-1071.	1.6	32
17	Gene Signature of High White Blood Cell Count in B-Precursor Acute Lymphoblastic Leukemia. <i>PLoS ONE</i> , 2016, 11, e0161539.	1.1	8
18	Upregulation of UGT2B4 Expression by 3 $\alpha$ -Phosphoadenosine-5 $\alpha$ -Phosphosulfate Synthase Knockdown: Implications for Coordinated Control of Bile Acid Conjugation. <i>Drug Metabolism and Disposition</i> , 2015, 43, 1061-1070.	1.7	6

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19	A systems toxicology approach identifies Lyn as a key signaling phosphoprotein modulated by mercury in a B lymphocyte cell model. <i>Toxicology and Applied Pharmacology</i> , 2014, 276, 47-54.	1.3	16
20	Mercury Alters B-Cell Protein Phosphorylation Profiles. <i>Journal of Proteome Research</i> , 2014, 13, 496-505.	1.8	9
21	Protein disulfide engineering. <i>FEBS Letters</i> , 2014, 588, 206-212.	1.3	201
22	Insights into Insulin-Mediated Regulation of CYP2E1: miR-132/-212 Targeting of CYP2E1 and Role of Phosphatidylinositol 3-Kinase, Akt (Protein Kinase B), Mammalian Target of Rapamycin Signaling in Regulating miR-132/-212 and miR-122/-181a Expression in Primary Cultured Rat Hepatocytes. <i>Drug Metabolism and Disposition</i> , 2013, 41, 1769-1777.	1.7	32
23	A Genomics-Based Analysis of Relative Potencies of Dioxin-Like Compounds in Primary Rat Hepatocytes. <i>Toxicological Sciences</i> , 2013, 136, 595-604.	1.4	12
24	Disulfide by Design 2.0: a web-based tool for disulfide engineering in proteins. <i>BMC Bioinformatics</i> , 2013, 14, 346.	1.2	359
25	Overexpression of GATA1 Confers Resistance to Chemotherapy in Acute Megakaryocytic Leukemia. <i>PLoS ONE</i> , 2013, 8, e68601.	1.1	17
26	Cross-species Comparisons of Transcriptomic Alterations in Human and Rat Primary Hepatocytes Exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin. <i>Toxicological Sciences</i> , 2012, 127, 199-215.	1.4	66
27	Augmented annotation and orthologue analysis for <i>Oryctolagus cuniculus</i> : Better Bunny. <i>BMC Bioinformatics</i> , 2012, 13, 84.	1.2	23
28	Identification and functional analysis of 9p24 amplified genes in human breast cancer. <i>Oncogene</i> , 2012, 31, 333-341.	2.6	77
29	Aging alters folate homeostasis and DNA damage response in colon. <i>Mechanisms of Ageing and Development</i> , 2012, 133, 75-82.	2.2	8
30	Yeast IME2 Functions Early in Meiosis Upstream of Cell Cycle-Regulated SBF and MBF Targets. <i>PLoS ONE</i> , 2012, 7, e31575.	1.1	9
31	Genomic amplification and a role in drug-resistance for the KDM5A histone demethylase in breast cancer. <i>American Journal of Translational Research (discontinued)</i> , 2012, 4, 247-56.	0.0	91
32	Microarray analysis of differentially regulated genes in human neuronal and epithelial cell lines upon exposure to type A botulinum neurotoxin. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 684-690.	1.0	23
33	Transcriptional profiles induced by the Aryl Hydrocarbon Receptor agonists 2,3,7,8-tetrachlorodibenzo-p-dioxin, 2,3,7,8-tetrachlorodibenzofuran and 2,3,4,7,8-pentachlorodibenzofuran in primary rat hepatocytes. <i>Chemosphere</i> , 2011, 85, 232-238.	4.2	11
34	Maspin Reprograms the Gene Expression Profile of Prostate Carcinoma Cells for Differentiation. <i>Genes and Cancer</i> , 2011, 2, 1009-1022.	0.6	38
35	Mechanistic basis for the chemopreventive effects of black raspberries at a late stage of rat esophageal carcinogenesis. <i>Molecular Carcinogenesis</i> , 2011, 50, 291-300.	1.3	27
36	In silico Analysis of Combinatorial microRNA Activity Reveals Target Genes and Pathways Associated with Breast Cancer Metastasis. <i>Cancer Informatics</i> , 2011, 10, CIN.S6631.	0.9	16

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37	A New Case of KLF1 G973A Mutation and Congenital Dyserythropoietic Anemia (CDA)- Further Definition of Emerging New Syndrome and Possible Association with Gonadal Dysgenesis. <i>Blood</i> , 2011, 118, 2101-2101.	0.6	4
38	Transcriptional Profiling of Human Liver Identifies Sex-Biased Genes Associated with Polygenic Dyslipidemia and Coronary Artery Disease. <i>PLoS ONE</i> , 2011, 6, e23506.	1.1	143
39	A Unique Role of GATA1s in Down Syndrome Acute Megakaryocytic Leukemia Biology and Therapy. <i>PLoS ONE</i> , 2011, 6, e27486.	1.1	11
40	Intestinal Epithelial Cells In Vitro. <i>Stem Cells and Development</i> , 2010, 19, 131-142.	1.1	73
41	Folate Deficiency Provides Protection against Colon Carcinogenesis in DNA Polymerase $\beta$ Haploinsufficient Mice. <i>Journal of Biological Chemistry</i> , 2010, 285, 19246-19258.	1.6	15
42	Intrinsic Sex Differences in the Early Growth Hormone Responsiveness of Sex-Specific Genes in Mouse Liver. <i>Molecular Endocrinology</i> , 2010, 24, 667-678.	3.7	89
43	Transcriptional profiling of the age-related response to genotoxic stress points to differential DNA damage response with age. <i>Mechanisms of Ageing and Development</i> , 2009, 130, 637-647.	2.2	9
44	RUNX1 regulates phosphoinositide 3-kinase/AKT pathway: role in chemotherapy sensitivity in acute megakaryocytic leukemia. <i>Blood</i> , 2009, 114, 2744-2752.	0.6	81
45	Overexpression of GATA1 Confers Chemotherapy Resistance in Pediatric Acute Megakaryocytic Leukemia. <i>Blood</i> , 2009, 114, 2039-2039.	0.6	0
46	The role of the proto-oncogene ETS2 in acute megakaryocytic leukemia biology and therapy. <i>Leukemia</i> , 2008, 22, 521-529.	3.3	46
47	Effects of a Black Raspberry Diet on Gene Expression in the Rat Esophagus. <i>Nutrition and Cancer</i> , 2008, 60, 61-69.	0.9	45
48	Global Gene Expression Profiling Unveils S100A8/A9 as Candidate Markers in H-Ras-Mediated Human Breast Epithelial Cell Invasion. <i>Molecular Cancer Research</i> , 2008, 6, 1544-1553.	1.5	87
49	Carcinogen-Altered Genes in Rat Esophagus Positively Modulated to Normal Levels of Expression by Both Black Raspberries and Phenylethyl Isothiocyanate. <i>Cancer Research</i> , 2008, 68, 6460-6467.	0.4	48
50	Liver-Specific Hepatocyte Nuclear Factor-4 $\beta$ Deficiency: Greater Impact on Gene Expression in Male than in Female Mouse Liver. <i>Molecular Endocrinology</i> , 2008, 22, 1274-1286.	3.7	87
51	Effects of Phenylethyl Isothiocyanate on Early Molecular Events in Nitrosomethylbenzylamine-Induced Cytotoxicity in Rat Esophagus. <i>Cancer Research</i> , 2007, 67, 6484-6492.	0.4	13
52	Secretome analysis of microarray data reveals extracellular events associated with proliferative potential in a cell line model of breast disease. <i>Cancer Letters</i> , 2006, 241, 49-58.	3.2	12
53	Differential gene expression, GATA1 target genes, and the chemotherapy sensitivity of Down syndrome megakaryocytic leukemia. <i>Blood</i> , 2006, 107, 1570-1581.	0.6	99
54	Construction and characterization of a t-PA mutant for use in ATTEMPTS: A drug delivery system for achieving targeted thrombolysis. <i>Journal of Controlled Release</i> , 2005, 110, 164-176.	4.8	20

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55	The initiative role of XPC protein in cisplatin DNA damaging treatment-mediated cell cycle regulation. <i>Nucleic Acids Research</i> , 2004, 32, 2231-2240.	6.5	53
56	Guidelines for incorporating non-perfectly matched oligonucleotides into target-specific hybridization probes for a DNA microarray. <i>Nucleic Acids Research</i> , 2004, 32, 681-690.	6.5	51
57	The involvement of XPC protein in the cisplatin DNA damaging treatment-mediated cellular response. <i>Cell Research</i> , 2004, 14, 303-314.	5.7	31
58	Gene-specific dye bias in microarray reference designs. <i>FEBS Letters</i> , 2004, 560, 120-124.	1.3	43
59	Disulfide by Design™: a computational method for the rational design of disulfide bonds in proteins. <i>Bioinformatics</i> , 2003, 19, 1852-1853.	1.8	127
60	Using Disulfide Bond Engineering To Study Conformational Changes in the 260-309 Coiled-Coil Region of Escherichia coli RNA Polymerase during $\sigma^{70}$ Binding. <i>Journal of Bacteriology</i> , 2002, 184, 2634-2641.	1.0	14
61	Disulfide recognition in an optimized threading potential. <i>Protein Engineering, Design and Selection</i> , 2000, 13, 679-689.	1.0	27