

Alan A Dombkowski

List of Publications by Year in descending order

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61
papers

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citations

236925

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206112

48
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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. | 3.1 | 2 |
| 2 | Exosomes in Epilepsy of Tuberous Sclerosis Complex: Carriers of Pro-Inflammatory MicroRNAs. <i>Non-coding RNA</i> , 2021, 7, 40. | 2.6 | 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. | 6.4 | 4 |
| 4 | TLR7 activation in epilepsy of tuberous sclerosis complex. <i>Inflammation Research</i> , 2019, 68, 993-998. | 4.0 | 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. | 3.7 | 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. | 2.8 | 24 |
| 7 | A distinct microRNA expression profile is associated with ^{11}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. | 4.4 | 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. | 1.4 | 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. | 4.1 | 1 |
| 10 | Neuroinflammatory Nexus of Pediatric Epilepsy. <i>Journal of Pediatric Epilepsy</i> , 2018, 07, 032-039. | 0.2 | 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 β 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. | 2.5 | 8 |
| 14 | Amplification of WHSC1L1 regulates expression and estrogen-independent activation of ER α in SUMO4 breast cancer cells and is associated with ER α overexpression in breast cancer. <i>Molecular Oncology</i> , 2016, 10, 850-865. | 4.6 | 41 |
| 15 | Black raspberries demethylate Sfrp4, a WNT pathway antagonist, in rat esophageal squamous cell papilloma. <i>Molecular Carcinogenesis</i> , 2016, 55, 1867-1875. | 2.7 | 18 |
| 16 | Cortical Tubers: Windows into Dysregulation of Epilepsy Risk and Synaptic Signaling Genes by MicroRNAs. <i>Cerebral Cortex</i> , 2016, 26, 1059-1071. | 2.9 | 32 |
| 17 | Gene Signature of High White Blood Cell Count in B-Precursor Acute Lymphoblastic Leukemia. <i>PLoS ONE</i> , 2016, 11, e0161539. | 2.5 | 8 |
| 18 | Upregulation of UGT2B4 Expression by 3 α -Phosphoadenosine-5 α -Phosphosulfate Synthase Knockdown: Implications for Coordinated Control of Bile Acid Conjugation. <i>Drug Metabolism and Disposition</i> , 2015, 43, 1061-1070. | 3.3 | 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. | 2.8 | 16 |
| 20 | Mercury Alters B-Cell Protein Phosphorylation Profiles. <i>Journal of Proteome Research</i> , 2014, 13, 496-505. | 3.7 | 9 |
| 21 | Protein disulfide engineering. <i>FEBS Letters</i> , 2014, 588, 206-212. | 2.8 | 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. | 3.3 | 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. | 3.1 | 12 |
| 24 | Disulfide by Design 2.0: a web-based tool for disulfide engineering in proteins. <i>BMC Bioinformatics</i> , 2013, 14, 346. | 2.6 | 359 |
| 25 | Overexpression of GATA1 Confers Resistance to Chemotherapy in Acute Megakaryocytic Leukemia. <i>PLoS ONE</i> , 2013, 8, e68601. | 2.5 | 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. | 3.1 | 66 |
| 27 | Augmented annotation and orthologue analysis for <i>Oryctolagus cuniculus</i> : Better Bunny. <i>BMC Bioinformatics</i> , 2012, 13, 84. | 2.6 | 23 |
| 28 | Identification and functional analysis of 9p24 amplified genes in human breast cancer. <i>Oncogene</i> , 2012, 31, 333-341. | 5.9 | 77 |
| 29 | Aging alters folate homeostasis and DNA damage response in colon. <i>Mechanisms of Ageing and Development</i> , 2012, 133, 75-82. | 4.6 | 8 |
| 30 | Yeast IME2 Functions Early in Meiosis Upstream of Cell Cycle-Regulated SBF and MBF Targets. <i>PLoS ONE</i> , 2012, 7, e31575. | 2.5 | 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. | 2.1 | 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. | 8.2 | 11 |
| 34 | Maspin Reprograms the Gene Expression Profile of Prostate Carcinoma Cells for Differentiation. <i>Genes and Cancer</i> , 2011, 2, 1009-1022. | 1.9 | 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. | 2.7 | 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. | 1.9 | 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. | 1.4 | 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. | 2.5 | 143 |
| 39 | A Unique Role of GATA1s in Down Syndrome Acute Megakaryocytic Leukemia Biology and Therapy. <i>PLoS ONE</i> , 2011, 6, e27486. | 2.5 | 11 |
| 40 | Intestinal Epithelial Cells In Vitro. <i>Stem Cells and Development</i> , 2010, 19, 131-142. | 2.1 | 73 |
| 41 | Folate Deficiency Provides Protection against Colon Carcinogenesis in DNA Polymerase β Haploinsufficient Mice. <i>Journal of Biological Chemistry</i> , 2010, 285, 19246-19258. | 3.4 | 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. | 4.6 | 9 |
| 44 | RUNX1 regulates phosphoinositide 3-kinase/AKT pathway: role in chemotherapy sensitivity in acute megakaryocytic leukemia. <i>Blood</i> , 2009, 114, 2744-2752. | 1.4 | 81 |
| 45 | Overexpression of GATA1 Confers Chemotherapy Resistance in Pediatric Acute Megakaryocytic Leukemia. <i>Blood</i> , 2009, 114, 2039-2039. | 1.4 | 0 |
| 46 | The role of the proto-oncogene ETS2 in acute megakaryocytic leukemia biology and therapy. <i>Leukemia</i> , 2008, 22, 521-529. | 7.2 | 46 |
| 47 | Effects of a Black Raspberry Diet on Gene Expression in the Rat Esophagus. <i>Nutrition and Cancer</i> , 2008, 60, 61-69. | 2.0 | 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. | 3.4 | 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. | 0.9 | 48 |
| 50 | Liver-Specific Hepatocyte Nuclear Factor-4 β 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. | 0.9 | 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. | 7.2 | 12 |
| 53 | Differential gene expression, GATA1 target genes, and the chemotherapy sensitivity of Down syndrome megakaryocytic leukemia. <i>Blood</i> , 2006, 107, 1570-1581. | 1.4 | 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. | 9.9 | 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. | 14.5 | 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. | 14.5 | 51 |
| 57 | The involvement of XPC protein in the cisplatin DNA damaging treatment-mediated cellular response. <i>Cell Research</i> , 2004, 14, 303-314. | 12.0 | 31 |
| 58 | Gene-specific dye bias in microarray reference designs. <i>FEBS Letters</i> , 2004, 560, 120-124. | 2.8 | 43 |
| 59 | Disulfide by Design™: a computational method for the rational design of disulfide bonds in proteins. <i>Bioinformatics</i> , 2003, 19, 1852-1853. | 4.1 | 127 |
| 60 | Using Disulfide Bond Engineering To Study Conformational Changes in the 260-309 Coiled-Coil Region of Escherichia coli RNA Polymerase during σ 70 Binding. <i>Journal of Bacteriology</i> , 2002, 184, 2634-2641. | 2.2 | 14 |
| 61 | Disulfide recognition in an optimized threading potential. <i>Protein Engineering, Design and Selection</i> , 2000, 13, 679-689. | 2.1 | 27 |