

Vasilis Vasiliou

List of Publications by Year in descending order

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167
papers

10,076
citations

41344

49
h-index

39675

94
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178
all docs

178
docs citations

178
times ranked

12674
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-P450 aldehyde oxidizing enzymes: the aldehyde dehydrogenase superfamily. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2008, 4, 697-720.	3.3	646
2	Aldehyde dehydrogenases in cellular responses to oxidative/electrophilic stress. <i>Free Radical Biology and Medicine</i> , 2013, 56, 89-101.	2.9	500
3	Role of the Ah Receptor and the Dioxin-Inducible [Ah] Gene Battery in Toxicity, Cancer, and Signal Transduction. <i>Annals of the New York Academy of Sciences</i> , 1993, 685, 624-640.	3.8	405
4	Role of aldehyde dehydrogenases in endogenous and xenobiotic metabolism. <i>Chemico-Biological Interactions</i> , 2000, 129, 1-19.	4.0	335
5	Analysis and update of the human aldehyde dehydrogenase (ALDH) gene family. <i>Human Genomics</i> , 2005, 2, 138-43.	2.9	327
6	Glutathione Primes T Cell Metabolism for Inflammation. <i>Immunity</i> , 2017, 46, 675-689.	14.3	318
7	Non-P450 aldehyde oxidizing enzymes: the aldehyde dehydrogenase superfamily. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2008, 4, 697-720.	3.3	312
8	Aldehyde dehydrogenase gene superfamily: the 2002 update. <i>Chemico-Biological Interactions</i> , 2003, 143-144, 5-22.	4.0	283
9	Update on the aldehyde dehydrogenase gene (ALDH) superfamily. <i>Human Genomics</i> , 2011, 5, 283.	2.9	276
10	Role of Human Aldehyde Dehydrogenases in Endobiotic and Xenobiotic Metabolism. <i>Drug Metabolism Reviews</i> , 2004, 36, 279-299.	3.6	269
11	ALDH1A Isozymes are Markers of Human Melanoma Stem Cells and Potential Therapeutic Targets. <i>Stem Cells</i> , 2012, 30, 2100-2113.	3.2	241
12	Enzymatic Mechanisms of Ethanol Oxidation in the Brain. <i>Alcoholism: Clinical and Experimental Research</i> , 2006, 30, 1500-1505.	2.4	209
13	Role of CYP1B1 in Glaucoma. <i>Annual Review of Pharmacology and Toxicology</i> , 2008, 48, 333-358.	9.4	165
14	Aldehyde Dehydrogenase 7A1 (ALDH7A1) Is a Novel Enzyme Involved in Cellular Defense against Hyperosmotic Stress. <i>Journal of Biological Chemistry</i> , 2010, 285, 18452-18463.	3.4	160
15	Multiple and Additive Functions of ALDH3A1 and ALDH1A1. <i>Journal of Biological Chemistry</i> , 2007, 282, 25668-25676.	3.4	153
16	Aldehyde dehydrogenase (ALDH) superfamily in plants: gene nomenclature and comparative genomics. <i>Planta</i> , 2013, 237, 189-210.	3.2	150
17	Aldehyde dehydrogenase 2 deficiency ameliorates alcoholic fatty liver but worsens liver inflammation and fibrosis in mice. <i>Hepatology</i> , 2014, 60, 146-157.	7.3	149
18	Update of the NAD(P)H:quinone oxidoreductase (NQO) gene family. <i>Human Genomics</i> , 2006, 2, 329.	2.9	146

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19	Human aldehyde dehydrogenase 3A1 (ALDH3A1): biochemical characterization and immunohistochemical localization in the cornea. <i>Biochemical Journal</i> , 2003, 376, 615-623.	3.7	143
20	ALDH3A1: a corneal crystallin with diverse functions. <i>Experimental Eye Research</i> , 2007, 84, 3-12.	2.6	132
21	Exposure to per- and Polyfluoroalkyl Substances and Markers of Liver Injury: A Systematic Review and Meta-Analysis. <i>Environmental Health Perspectives</i> , 2022, 130, 46001.	6.0	128
22	Update of the human and mouse Fanconi anemia genes. <i>Human Genomics</i> , 2015, 9, 32.	2.9	122
23	SARS-CoV-2 wastewater surveillance data can predict hospitalizations and ICU admissions. <i>Science of the Total Environment</i> , 2022, 804, 150151.	8.0	116
24	Glutathione de novo synthesis but not recycling process coordinates with glutamine catabolism to control redox homeostasis and directs murine T cell differentiation. <i>ELife</i> , 2018, 7, .	6.0	116
25	Aldehyde dehydrogenases: From eye crystallins to metabolic disease and cancer stem cells. <i>Chemico-Biological Interactions</i> , 2013, 202, 2-10.	4.0	113
26	Aldh3a1 protects human corneal epithelial cells from ultraviolet- and 4-hydroxy-2-nonenal-induced oxidative damage. <i>Free Radical Biology and Medicine</i> , 2003, 34, 1178-1189.	2.9	110
27	Glutathione Restricts Serine Metabolism to Preserve Regulatory T Cell Function. <i>Cell Metabolism</i> , 2020, 31, 920-936.e7.	16.2	109
28	Aldehyde Dehydrogenase 1B1: Molecular Cloning and Characterization of a Novel Mitochondrial Acetaldehyde-Metabolizing Enzyme. <i>Drug Metabolism and Disposition</i> , 2010, 38, 1679-1687.	3.3	108
29	Aldehyde dehydrogenase 1B1 (ALDH1B1) is a potential biomarker for human colon cancer. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 173-179.	2.1	107
30	COVID-19 vulnerability: the potential impact of genetic susceptibility and airborne transmission. <i>Human Genomics</i> , 2020, 14, 17.	2.9	95
31	Genome-Wide Identification and Analysis of Grape Aldehyde Dehydrogenase (ALDH) Gene Superfamily. <i>PLoS ONE</i> , 2012, 7, e32153.	2.5	91
32	Human Aldehyde Dehydrogenase 3A1 Inhibits Proliferation and Promotes Survival of Human Corneal Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 27998-28006.	3.4	86
33	1,4-Dioxane as an emerging water contaminant: State of the science and evaluation of research needs. <i>Science of the Total Environment</i> , 2019, 690, 853-866.	8.0	85
34	Auto-deconvolution and molecular networking of gas chromatography-mass spectrometry data. <i>Nature Biotechnology</i> , 2021, 39, 169-173.	17.5	78
35	Update of the human secretoglobin (SCGB) gene superfamily and an example of 'evolutionary bloom' of androgen-binding protein genes within the mouse Scgb gene superfamily. <i>Human Genomics</i> , 2011, 5, 691.	2.9	75
36	Beyond genomics: understanding exposotypes through metabolomics. <i>Human Genomics</i> , 2018, 12, 4.	2.9	73

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37	Myofibroblast Differentiation Modulates Keratocyte Crystallin Protein Expression, Concentration, and Cellular Light Scattering. , 2012, 53, 770.		72
38	Lipid Annotator: Towards Accurate Annotation in Non-Targeted Liquid Chromatography High-Resolution Tandem Mass Spectrometry (LC-HRMS/MS) Lipidomics Using a Rapid and User-Friendly Software. Metabolites, 2020, 10, 101.	2.9	69
39	Aldehyde dehydrogenase gene superfamily: the 2000 update. Chemico-Biological Interactions, 2001, 130-132, 323-337.	4.0	64
40	Toward Comprehensive Per- and Polyfluoroalkyl Substances Annotation Using FluoroMatch Software and Intelligent High-Resolution Tandem Mass Spectrometry Acquisition. Analytical Chemistry, 2020, 92, 11186-11194.	6.5	63
41	The Aldehyde Dehydrogenase Gene Superfamily Resource Center. Human Genomics, 2009, 4, 136.	2.9	61
42	Discovery of Orally Bioavailable, Quinoline-Based Aldehyde Dehydrogenase 1A1 (ALDH1A1) Inhibitors with Potent Cellular Activity. Journal of Medicinal Chemistry, 2018, 61, 4883-4903.	6.4	61
43	ALDH1B1 Is Crucial for Colon Tumorigenesis by Modulating Wnt/ β -Catenin, Notch and PI3K/Akt Signaling Pathways. PLoS ONE, 2015, 10, e0121648.	2.5	61
44	Interaction between the Ah receptor and proteins binding to the AP-1-like electrophile response element (EpRE) during murine phase II [Ah] battery gene expression. Biochemical Pharmacology, 1995, 50, 2057-2068.	4.4	60
45	Ocular aldehyde dehydrogenases: Protection against ultraviolet damage and maintenance of transparency for vision. Progress in Retinal and Eye Research, 2013, 33, 28-39.	15.5	60
46	Update on the human and mouse lipocalin (LCN) gene family, including evidence the mouse Mup cluster is result of an "evolutionary bloom". Human Genomics, 2019, 13, 11.	2.9	58
47	Corneal and stomach expression of aldehyde dehydrogenases: from fish to mammals. Chemico-Biological Interactions, 2001, 130-132, 181-191.	4.0	56
48	Characterization of aldehyde dehydrogenase isozymes in ovarian cancer tissues and sphere cultures. BMC Cancer, 2012, 12, 329.	2.6	56
49	Human aldehyde dehydrogenase genes: alternatively spliced transcriptional variants and their suggested nomenclature. Pharmacogenetics and Genomics, 2009, 19, 893-902.	1.5	55
50	Mechanisms Involved in the Protection of UV-induced Protein Inactivation by the Corneal Crystallin ALDH3A1. Journal of Biological Chemistry, 2007, 282, 4382-4392.	3.4	53
51	Discovery of NCT-501, a Potent and Selective Theophylline-Based Inhibitor of Aldehyde Dehydrogenase 1A1 (ALDH1A1). Journal of Medicinal Chemistry, 2015, 58, 5967-5978.	6.4	52
52	Catalase deletion promotes prediabetic phenotype in mice. Free Radical Biology and Medicine, 2017, 103, 48-56.	2.9	50
53	MOLECULAR CLONING, BACULOVIRUS EXPRESSION, AND TISSUE DISTRIBUTION OF THE ZEBRAFISH ALDEHYDE DEHYDROGENASE 2. Drug Metabolism and Disposition, 2005, 33, 649-656.	3.3	49
54	CYP2E1 and catalase influence ethanol sensitivity in the central nervous system. Pharmacogenetics and Genomics, 2006, 16, 51-58.	1.5	49

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55	Evaluation of potential carcinogenicity of organic chemicals in synthetic turf crumb rubber. <i>Environmental Research</i> , 2019, 169, 163-172.	7.5	48
56	Corneal aldehyde dehydrogenases: Multiple functions and novel nuclear localization. <i>Brain Research Bulletin</i> , 2010, 81, 211-218.	3.0	46
57	Environmental Influences in the Etiology of Colorectal Cancer: the Premise of Metabolomics. <i>Current Pharmacology Reports</i> , 2017, 3, 114-125.	3.0	46
58	Enzyme Induction by L-Buthionine(S,R)-Sulfoximine in Cultured Mouse Hepatoma Cells. <i>Chemical Research in Toxicology</i> , 1995, 8, 431-436.	3.3	45
59	Negative regulation of the murine cytosolic aldehyde dehydrogenase-3 (Aldh-3c) gene by functional CYP1A1 and CYP1A2 proteins. <i>Biochemical and Biophysical Research Communications</i> , 1992, 187, 413-419.	2.1	44
60	Molecular Cloning and Baculovirus Expression of the Rabbit Corneal Aldehyde Dehydrogenase (ALDH1A1) cDNA. <i>DNA and Cell Biology</i> , 2003, 22, 329-338.	1.9	43
61	Alcohol consumption and risk of stomach cancer: A meta-analysis. <i>Chemico-Biological Interactions</i> , 2021, 336, 109365.	4.0	43
62	Non-targeted metabolomics and associations with per- and polyfluoroalkyl substances (PFAS) exposure in humans: A scoping review. <i>Environment International</i> , 2022, 162, 107159.	10.0	43
63	Mouse Microsomal Class 3 Aldehyde Dehydrogenase: AHD3 cDNA Sequence, Inducibility by Dioxin and Clofibrate, and Genetic Mapping. <i>DNA and Cell Biology</i> , 1996, 15, 235-245.	1.9	41
64	Nutrient Composition and Fatty Acid and Protein Profiles of Selected Fish By-Products. <i>Foods</i> , 2020, 9, 190.	4.3	40
65	COVID-19 one year into the pandemic: from genetics and genomics to therapy, vaccination, and policy. <i>Human Genomics</i> , 2021, 15, 27.	2.9	39
66	The Effects of Alcohol and Aldehyde Dehydrogenases on Disorders of Hematopoiesis. <i>Advances in Experimental Medicine and Biology</i> , 2015, 815, 349-359.	1.6	39
67	Mouse dioxin-inducible cytosolic aldehyde dehydrogenase-3: AHD4 cDNA sequence, genetic mapping, and differences in mRNA levels. <i>Pharmacogenetics and Genomics</i> , 1993, 3, 281-290.	5.7	36
68	ALDH16A1 is a novel non-catalytic enzyme that may be involved in the etiology of gout via protein-protein interactions with HPRT1. <i>Chemico-Biological Interactions</i> , 2013, 202, 22-31.	4.0	35
69	Removal of Acetaldehyde from the Body. <i>Novartis Foundation Symposium</i> , 2007, 285, 23-51.	1.1	35
70	The Mechanism of Alcohol Intolerance Produced by Various Therapeutic Agents. <i>Acta Pharmacologica Et Toxicologica</i> , 1986, 58, 305-310.	0.0	34
71	ALDH1B1 is a potential stem/progenitor marker for multiple pancreas progenitor pools. <i>Developmental Biology</i> , 2013, 374, 153-163.	2.0	34
72	Tissue Distribution of Inducible Aldehyde Dehydrogenase Activity in the Rat after Treatment with Phenobarbital or Methylcholanthrene. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1989, 64, 39-42.	0.0	33

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73	Chronic Glutathione Depletion Confers Protection against Alcohol-induced Steatosis: Implication for Redox Activation of AMP-activated Protein Kinase Pathway. <i>Scientific Reports</i> , 2016, 6, 29743.	3.3	33
74	Focus on Molecules: ALDH1A1: From lens and corneal crystallin to stem cell marker. <i>Experimental Eye Research</i> , 2012, 102, 105-106.	2.6	32
75	Aldehyde dehydrogenase 1B1: a novel immunohistological marker for colorectal cancer. <i>British Journal of Cancer</i> , 2017, 117, 1537-1543.	6.4	32
76	Update of the keratin gene family: evolution, tissue-specific expression patterns, and relevance to clinical disorders. <i>Human Genomics</i> , 2022, 16, 1.	2.9	32
77	Accuracy of Electronic Medical Record Medication Reconciliation in Emergency Department Patients. <i>Journal of Emergency Medicine</i> , 2015, 49, 78-84.	0.7	31
78	Ethanol sensitizes skeletal muscle to ammonia-induced molecular perturbations. <i>Journal of Biological Chemistry</i> , 2019, 294, 7231-7244.	3.4	31
79	COVID-19 update: the first 6 months of the pandemic. <i>Human Genomics</i> , 2020, 14, 48.	2.9	30
80	Structural and Functional Modifications of Corneal Crystallin ALDH3A1 by UVB Light. <i>PLoS ONE</i> , 2010, 5, e15218.	2.5	29
81	ALDH1B1 links alcohol consumption and diabetes. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 768-773.	2.1	28
82	Network machine learning maps phytochemically rich "Hyperfoods" to fight COVID-19. <i>Human Genomics</i> , 2021, 15, 1.	2.9	28
83	Oral N-acetylcysteine rescues lethality of hepatocyte-specific Gclc-knockout mice, providing a model for hepatic cirrhosis. <i>Journal of Hepatology</i> , 2010, 53, 1085-1094.	3.7	26
84	Retinoic acid biosynthesis catalyzed by retinal dehydrogenases relies on a rate-limiting conformational transition associated with substrate recognition. <i>Chemico-Biological Interactions</i> , 2013, 202, 78-84.	4.0	26
85	Improved drug therapy: triangulating phenomics with genomics and metabolomics. <i>Human Genomics</i> , 2014, 8, 16.	2.9	26
86	A High-Content Assay Enables the Automated Screening and Identification of Small Molecules with Specific ALDH1A1-Inhibitory Activity. <i>PLoS ONE</i> , 2017, 12, e0170937.	2.5	25
87	Evaluation of confounding in epidemiologic studies assessing alcohol consumption on the risk of ischemic heart disease. <i>BMC Medical Research Methodology</i> , 2020, 20, 64.	3.1	25
88	Overview of PAX gene family: analysis of human tissue-specific variant expression and involvement in human disease. <i>Human Genetics</i> , 2021, 140, 381-400.	3.8	25
89	Duplicated gelsolin family genes in zebrafish: a novel scinderin-like gene (scinla) encodes the major corneal crystallin. <i>FASEB Journal</i> , 2007, 21, 3318-3328.	0.5	24
90	Aldehyde Dehydrogenase 1B1 as a Modulator of Pancreatic Adenocarcinoma. <i>Pancreas</i> , 2016, 45, 117-122.	1.1	24

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91	Environmental lipidomics: understanding the response of organisms and ecosystems to a changing world. <i>Metabolomics</i> , 2020, 16, 56.	3.0	24
92	Response of [Ah] battery genes to compounds that protect against menadione toxicity. <i>Biochemical Pharmacology</i> , 1995, 50, 1885-1891.	4.4	23
93	Genetics and functions of the retinoic acid pathway, with special emphasis on the eye. <i>Human Genomics</i> , 2019, 13, 61.	2.9	23
94	Human ALDH1B1 Polymorphisms may Affect the Metabolism of Acetaldehyde and All-trans retinaldehydeâ€™In Vitro Studies and Computational Modeling. <i>Pharmaceutical Research</i> , 2015, 32, 1648-1662.	3.5	22
95	Determining the endocrine disruption potential of industrial chemicals using an integrative approach: Public databases, in vitro exposure, and modeling receptor interactions. <i>Environment International</i> , 2019, 131, 104969.	10.0	22
96	Yale School of Public Health Symposium: An overview of the challenges and opportunities associated with per- and polyfluoroalkyl substances (PFAS). <i>Science of the Total Environment</i> , 2021, 778, 146192.	8.0	22
97	Transgenic Mouse Models for Alcohol Metabolism, Toxicity, and Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2015, 815, 375-387.	1.6	22
98	Effect of various chemicals on the aldehyde dehydrogenase activity of the rat liver cytosol. <i>Chemico-Biological Interactions</i> , 1991, 79, 79-89.	4.0	21
99	The exposome in practice: an exploratory panel study of biomarkers of air pollutant exposure in Chinese people aged 60â€™69 years (China BAPE Study). <i>Environment International</i> , 2021, 157, 106866.	10.0	21
100	Roles of defective ALDH2 polymorphism on liver protection and cancer development. <i>Environmental Health and Preventive Medicine</i> , 2016, 21, 395-402.	3.4	20
101	ALDH3A1 Plays a Functional Role in Maintenance of Corneal Epithelial Homeostasis. <i>PLoS ONE</i> , 2016, 11, e0146433.	2.5	20
102	Use of Untargeted Metabolomics to Explore the Air Pollution-Related Disease Continuum. <i>Current Environmental Health Reports</i> , 2021, 8, 7-22.	6.7	19
103	Nitrogen mustard-induced corneal injury involves the sphingomyelin-ceramide pathway. <i>Ocular Surface</i> , 2018, 16, 154-162.	4.4	18
104	Glutathione deficiency-elicited reprogramming of hepatic metabolism protects against alcohol-induced steatosis. <i>Free Radical Biology and Medicine</i> , 2019, 143, 127-139.	2.9	18
105	Evolution of the liver biopsy and its future. <i>Translational Gastroenterology and Hepatology</i> , 2021, 6, 20-20.	3.0	18
106	Molecular Mechanisms of Alcohol-Induced Colorectal Carcinogenesis. <i>Cancers</i> , 2021, 13, 4404.	3.7	18
107	Aldehyde Dehydrogenase Gene Superfamily. <i>Advances in Experimental Medicine and Biology</i> , 1999, 463, 255-263.	1.6	18
108	Glutathione-dependent redox balance characterizes the distinct metabolic properties of follicular and marginal zone B cells. <i>Nature Communications</i> , 2022, 13, 1789.	12.8	18

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109	Comparative genomics, molecular evolution and computational modeling of ALDH1B1 and ALDH2. <i>Chemico-Biological Interactions</i> , 2013, 202, 11-21.	4.0	17
110	Transcriptomic analysis and plasma metabolomics in Aldh16a1 -null mice reveals a potential role of ALDH16A1 in renal function. <i>Chemico-Biological Interactions</i> , 2017, 276, 15-22.	4.0	17
111	Corneal haze phenotype in Aldh3a1 -null mice: In vivo confocal microscopy and tissue imaging mass spectrometry. <i>Chemico-Biological Interactions</i> , 2017, 276, 9-14.	4.0	17
112	Glutathione and Transsulfuration in Alcohol-Associated Tissue Injury and Carcinogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1032, 37-53.	1.6	17
113	Involvement of the electrophile responsive element and p53 in the activation of hepatic stellate cells as a response to electrophile menadione. <i>Archives of Biochemistry and Biophysics</i> , 2003, 413, 164-171.	3.0	16
114	Targeted therapy for a subset of acute myeloid leukemias that lack expression of aldehyde dehydrogenase 1A1. <i>Haematologica</i> , 2017, 102, 1054-1065.	3.5	16
115	Quantification of Neural Ethanol and Acetaldehyde Using Headspace GC-MS. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 1825-1831.	2.4	15
116	Integrated multi-omics approach reveals a role of ALDH1A1 in lipid metabolism in human colon cancer cells. <i>Chemico-Biological Interactions</i> , 2019, 304, 88-96.	4.0	15
117	Vibration of effects in epidemiologic studies of alcohol consumption and breast cancer risk. <i>International Journal of Epidemiology</i> , 2020, 49, 608-618.	1.9	15
118	Update on human genetic susceptibility to COVID-19: susceptibility to virus and response. <i>Human Genomics</i> , 2021, 15, 57.	2.9	15
119	Oxidative stress and genotoxicity in 1,4-dioxane liver toxicity as evidenced in a mouse model of glutathione deficiency. <i>Science of the Total Environment</i> , 2022, 806, 150703.	8.0	15
120	Ontogenesis and Expression of ALDH Activity in the Skin and the Eye of the Rat. <i>Advances in Experimental Medicine and Biology</i> , 1996, 414, 73-80.	1.6	14
121	Molecular Pathway Analysis Indicates a Distinct Metabolic Phenotype in Women With Right-Sided Colon Cancer. <i>Translational Oncology</i> , 2020, 13, 42-56.	3.7	14
122	Expression of ALDH3 and NMO1 in Human Corneal Epithelial and Breast Adenocarcinoma Cells. <i>Advances in Experimental Medicine and Biology</i> , 1996, 414, 59-68.	1.6	14
123	Ethanol Reduces Lifespan, Body Weight, and Serum Alanine Aminotransferase Level of Aldehyde Dehydrogenase 2 Knockout Mouse. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 1883-1893.	2.4	13
124	Alcohol and Cancer: Existing Knowledge and Evidence Gaps across the Cancer Continuum. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 5-10.	2.5	13
125	Dead enzymes in the aldehyde dehydrogenase gene family: role in drug metabolism and toxicology. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015, 11, 1839-1847.	3.3	12
126	Heme oxygenase 1 protects ethanol-administered liver tissue in Aldh2 knockout mice. <i>Alcohol</i> , 2016, 52, 49-54.	1.7	12

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127	Mouse Class 3 Aldehyde Dehydrogenases: Positive and Negative Regulation of Gene Expression. <i>Advances in Experimental Medicine and Biology</i> , 1993, 328, 131-139.	1.6	12
128	Hepatic metabolic adaptation in a murine model of glutathione deficiency. <i>Chemico-Biological Interactions</i> , 2019, 303, 1-6.	4.0	10
129	Prevalence and significance of race and ethnicity subgroup analyses in Cochrane intervention reviews. <i>Clinical Trials</i> , 2020, 17, 231-234.	1.6	10
130	Zinc Levels and Birth Weight in Pregnant Women with Gestational Diabetes Mellitus: A Matched Cohort Study in China. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e2337-e2345.	3.6	10
131	Identification of Dose-Dependent DNA Damage and Repair Responses From Subchronic Exposure to 1,4-Dioxane in Mice Using a Systems Analysis Approach. <i>Toxicological Sciences</i> , 2021, 183, 338-351.	3.1	10
132	Impaired GSH biosynthesis disrupts eye development, lens morphogenesis and PAX6 function. <i>Ocular Surface</i> , 2021, 22, 190-203.	4.4	10
133	Prioritization of reproductive toxicants in unconventional oil and gas operations using a multi-country regulatory data-driven hazard assessment. <i>Environment International</i> , 2018, 117, 348-358.	10.0	9
134	Summary of the 2019 alcohol and immunology research interest group (AIRIG) meeting: Alcohol-mediated mechanisms of multiple organ injury. <i>Alcohol</i> , 2020, 87, 89-95.	1.7	9
135	Age-treatment subgroup analyses in Cochrane intervention reviews: a meta-epidemiological study. <i>BMC Medicine</i> , 2019, 17, 188.	5.5	8
136	Standardized nomenclature and open science in Human Genomics. <i>Human Genomics</i> , 2021, 15, 13.	2.9	8
137	Ethanol induces skin hyperpigmentation in mice with aldehyde dehydrogenase 2 deficiency. <i>Chemico-Biological Interactions</i> , 2019, 302, 61-66.	4.0	7
138	Interplay between APC and ALDH1B1 in a newly developed mouse model of colorectal cancer. <i>Chemico-Biological Interactions</i> , 2020, 331, 109274.	4.0	7
139	Oxidative stress induces inflammation of lens cells and triggers immune surveillance of ocular tissues. <i>Chemico-Biological Interactions</i> , 2022, 355, 109804.	4.0	7
140	Acetaminophen Attenuates invasion and alters the expression of extracellular matrix enzymes and vascular factors in human first trimester trophoblast cells. <i>Placenta</i> , 2021, 104, 146-160.	1.5	6
141	Mouse Class 3 Aldehyde Dehydrogenases. <i>Advances in Experimental Medicine and Biology</i> , 1995, 372, 151-158.	1.6	6
142	Lipidomics and Redox Lipidomics Indicate Early Stage Alcohol-Induced Liver Damage. <i>Hepatology Communications</i> , 2022, 6, 513-525.	4.3	6
143	Liver metabolomics identifies bile acid profile changes at early stages of alcoholic liver disease in mice. <i>Chemico-Biological Interactions</i> , 2022, 360, 109931.	4.0	6
144	A Novel Technique for Redox Lipidomics Using Mass Spectrometry: Application on Vegetable Oils Used to Fry Potatoes. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1798-1809.	2.8	5

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145	Studies on the Induction of Rat Class 3 Aldehyde Dehydrogenase. <i>Advances in Experimental Medicine and Biology</i> , 1995, 372, 143-149.	1.6	5
146	Bringing Big Data to Bear in Environmental Public Health: Challenges and Recommendations. <i>Frontiers in Artificial Intelligence</i> , 2020, 3, .	3.4	5
147	AMPK activators for the prevention and treatment of neurodegenerative diseases. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2021, 17, 1199-1210.	3.3	5
148	Prenatal Exposure to Per- and Polyfluoroalkyl Substances and Facial Features at 5 Years of Age: A Study from the Danish National Birth Cohort. <i>Environmental Health Perspectives</i> , 2022, 130, 17006.	6.0	5
149	Ligands of four receptors in the nuclear steroid/thyroid hormone superfamily inhibit induction of rat cytosolic aldehyde dehydrogenase-3 (ALDH3c) by 3-methylcholanthrene. <i>Biochemical Pharmacology</i> , 1995, 50, 2113-2117.	4.4	4
150	Engineered Animal Models Designed for Investigating Ethanol Metabolism, Toxicity and Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1032, 203-221.	1.6	4
151	Genomics of COVID-19: molecular mechanisms going from susceptibility to severity of the disease. <i>Human Genomics</i> , 2020, 14, 22.	2.9	4
152	Antiproliferative activity of protein hydrolysates derived from fish by-products on human colon and breast cancer cells.. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	1.0	4
153	Prepubertal Regulation of the Rat Dioxin-Inducible Aldehyde Dehydrogenase (ALDH3). <i>Advances in Experimental Medicine and Biology</i> , 1999, 463, 143-150.	1.6	4
154	Extrahepatic Expression of NAD(P)H:Menadione Oxidoreductase, UDP Glucuronosyltransferase-1A6, Microsomal Aldehyde Dehydrogenase, and Hepatic Nuclear Factor-1 \pm mRNAs in chand14CoS/14CoSMice. <i>Biochemical and Biophysical Research Communications</i> , 1997, 233, 631-636.	2.1	3
155	Mouse Models of the Cornea and Lens. , 2008, , 148-172.		2
156	Letter to the editor for "Update of the human and mouse Fanconi anemia genes". <i>Human Genomics</i> , 2016, 10, 25.	2.9	2
157	Expression, purification and crystallization of the novel <i>Xenopus tropicalis</i> ALDH16B1, a homologue of human ALDH16A1. <i>Chemico-Biological Interactions</i> , 2019, 304, 168-172.	4.0	2
158	Binge Ethanol Exposure in Mice Represses Expression of Genes Involved in Osteoblast Function and Induces Expression of Genes Involved in Osteoclast Differentiation Independently of Endogenous Catalase. <i>Toxicological Sciences</i> , 2022, 185, 232-245.	3.1	2
159	Ocular Metabolism and Disposition of 4-Hydroxy-2-nonenal. <i>Cutaneous and Ocular Toxicology</i> , 2005, 24, 165-176.	1.3	1
160	Exposure to perfluoroalkyl substances (PFAS) and liver injury: a systematic review and meta-analysis. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	1
161	The Lack of AHD4 Induction by TCDD in Corneal Cells May Involve Tissue-Specific Regulatory Proteins. <i>Advances in Experimental Medicine and Biology</i> , 1999, 463, 181-187.	1.6	1
162	Mouse Dioxin-Inducible Ahd4 Gene. <i>Advances in Experimental Medicine and Biology</i> , 1996, , 37-46.	1.6	1

#	ARTICLE	IF	CITATIONS
163	Regularized Multivariate Analysis of Variance. , 2020, , 479-494.		0
164	In Silico Exploration of the Potential Role of Acetaminophen and Pesticides in the Etiology of Autism Spectrum Disorder. Toxics, 2021, 9, 97.	3.7	0
165	Association between per- and polyfluoroalkyl substances and liver function biomarkers and daily alcohol consumption in a sample of U.S. adults. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
166	Non-targeted metabolomics in evaluating alterations associated with per-fluoroalkyl and polyfluoroalkyl substances (PFAS) exposure in human studies: a scoping review. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
167	Hepatic and Extrahepatic Malignancies in Alcoholic Liver Disease. , 2016, , 249-269.		0