

# Vasilis Vasiliou

## List of Publications by Citations

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157  
papers

7,303  
citations

43  
h-index

82  
g-index

178  
ext. papers

8,672  
ext. citations

6  
avg, IF

5.89  
L-index

#	Paper	IF	Citations
157	Non-P450 aldehyde oxidizing enzymes: the aldehyde dehydrogenase superfamily. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2008</b> , 4, 697-720	5.5	508
156	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> , <b>1993</b> , 685, 624-40	6.5	377
155	Aldehyde dehydrogenases in cellular responses to oxidative/electrophilic stress. <i>Free Radical Biology and Medicine</i> , <b>2013</b> , 56, 89-101	7.8	354
154	Non-P450 aldehyde oxidizing enzymes: the aldehyde dehydrogenase superfamily. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2008</b> , 4, 697-720	5.5	286
153	Role of aldehyde dehydrogenases in endogenous and xenobiotic metabolism. <i>Chemico-Biological Interactions</i> , <b>2000</b> , 129, 1-19	5	281
152	Analysis and update of the human aldehyde dehydrogenase (ALDH) gene family. <i>Human Genomics</i> , <b>2005</b> , 2, 138-43	6.8	256
151	Aldehyde dehydrogenase gene superfamily: the 2002 update. <i>Chemico-Biological Interactions</i> , <b>2003</b> , 143-144, 5-22	5	232
150	Role of human aldehyde dehydrogenases in endobiotic and xenobiotic metabolism. <i>Drug Metabolism Reviews</i> , <b>2004</b> , 36, 279-99	7	232
149	Update on the aldehyde dehydrogenase gene (ALDH) superfamily. <i>Human Genomics</i> , <b>2011</b> , 5, 283-303	6.8	204
148	ALDH1A isozymes are markers of human melanoma stem cells and potential therapeutic targets. <i>Stem Cells</i> , <b>2012</b> , 30, 2100-13	5.8	197
147	Enzymatic mechanisms of ethanol oxidation in the brain. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2006</b> , 30, 1500-5	3.7	183
146	Glutathione Primes T Cell Metabolism for Inflammation. <i>Immunity</i> , <b>2017</b> , 46, 675-689	32.3	182
145	Role of CYP1B1 in glaucoma. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2008</b> , 48, 333-58	17.9	142
144	Aldehyde dehydrogenase 7A1 (ALDH7A1) is a novel enzyme involved in cellular defense against hyperosmotic stress. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 18452-63	5.4	140
143	Human aldehyde dehydrogenase 3A1 (ALDH3A1): biochemical characterization and immunohistochemical localization in the cornea. <i>Biochemical Journal</i> , <b>2003</b> , 376, 615-23	3.8	132
142	Multiple and additive functions of ALDH3A1 and ALDH1A1: cataract phenotype and ocular oxidative damage in Aldh3a1(-/-)/Aldh1a1(-/-) knock-out mice. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 25668-76	5.4	126
141	Update of the NAD(P)H:quinone oxidoreductase (NQO) gene family. <i>Human Genomics</i> , <b>2006</b> , 2, 329-35	6.8	121

140	ALDH3A1: a corneal crystallin with diverse functions. <i>Experimental Eye Research</i> , <b>2007</b> , 84, 3-12	3.7	114
139	Aldehyde dehydrogenase 2 deficiency ameliorates alcoholic fatty liver but worsens liver inflammation and fibrosis in mice. <i>Hepatology</i> , <b>2014</b> , 60, 146-57	11.2	111
138	Update of the human and mouse Fanconi anemia genes. <i>Human Genomics</i> , <b>2015</b> , 9, 32	6.8	102
137	Aldehyde dehydrogenase (ALDH) superfamily in plants: gene nomenclature and comparative genomics. <i>Planta</i> , <b>2013</b> , 237, 189-210	4.7	100
136	Aldh3a1 protects human corneal epithelial cells from ultraviolet- and 4-hydroxy-2-nonenal-induced oxidative damage. <i>Free Radical Biology and Medicine</i> , <b>2003</b> , 34, 1178-89	7.8	93
135	Aldehyde dehydrogenases: from eye crystallins to metabolic disease and cancer stem cells. <i>Chemico-Biological Interactions</i> , <b>2013</b> , 202, 2-10	5	91
134	Aldehyde dehydrogenase 1B1: molecular cloning and characterization of a novel mitochondrial acetaldehyde-metabolizing enzyme. <i>Drug Metabolism and Disposition</i> , <b>2010</b> , 38, 1679-87	4	84
133	Aldehyde dehydrogenase 1B1 (ALDH1B1) is a potential biomarker for human colon cancer. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 405, 173-9	3.4	79
132	Human aldehyde dehydrogenase 3A1 inhibits proliferation and promotes survival of human corneal epithelial cells. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 27998-8006	5.4	72
131	Genome-wide identification and analysis of grape aldehyde dehydrogenase (ALDH) gene superfamily. <i>PLoS ONE</i> , <b>2012</b> , 7, e32153	3.7	70
130	COVID-19 vulnerability: the potential impact of genetic susceptibility and airborne transmission. <i>Human Genomics</i> , <b>2020</b> , 14, 17	6.8	68
129	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> , <b>2018</b> , 7,	8.9	68
128	Myofibroblast differentiation modulates keratocyte crystallin protein expression, concentration, and cellular light scattering <b>2012</b> , 53, 770-8		58
127	Update of the human secretoglobin (SCGB) gene superfamily and an example of evolutionary bloomSof androgen-binding protein genes within the mouse Scgb gene superfamily. <i>Human Genomics</i> , <b>2011</b> , 5, 691-702	6.8	58
126	Aldehyde dehydrogenase gene superfamily: the 2000 update. <i>Chemico-Biological Interactions</i> , <b>2001</b> , 130-132, 323-37	5	56
125	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. <i>Biochemical Pharmacology</i> , <b>1995</b> , 50, 2057-68	6	55
124	Ocular aldehyde dehydrogenases: protection against ultraviolet damage and maintenance of transparency for vision. <i>Progress in Retinal and Eye Research</i> , <b>2013</b> , 33, 28-39	20.5	50
123	Beyond genomics: understanding exposotypes through metabolomics. <i>Human Genomics</i> , <b>2018</b> , 12, 4	6.8	49

122	Molecular cloning, baculovirus expression, and tissue distribution of the zebrafish aldehyde dehydrogenase 2. <i>Drug Metabolism and Disposition</i> , <b>2005</b> , 33, 649-56	4	48
121	Corneal and stomach expression of aldehyde dehydrogenases: from fish to mammals. <i>Chemico-Biological Interactions</i> , <b>2001</b> , 130-132, 181-91	5	48
120	Mechanisms involved in the protection of UV-induced protein inactivation by the corneal crystallin ALDH3A1. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 4382-4392	5.4	47
119	Discovery of Orally Bioavailable, Quinoline-Based Aldehyde Dehydrogenase 1A1 (ALDH1A1) Inhibitors with Potent Cellular Activity. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 4883-4903	8.3	47
118	Human aldehyde dehydrogenase genes: alternatively spliced transcriptional variants and their suggested nomenclature. <i>Pharmacogenetics and Genomics</i> , <b>2009</b> , 19, 893-902	1.9	46
117	The aldehyde dehydrogenase gene superfamily resource center. <i>Human Genomics</i> , <b>2009</b> , 4, 136-42	6.8	46
116	Characterization of aldehyde dehydrogenase isozymes in ovarian cancer tissues and sphere cultures. <i>BMC Cancer</i> , <b>2012</b> , 12, 329	4.8	45
115	Enzyme induction by L-buthionine (S,R)-sulfoximine in cultured mouse hepatoma cells. <i>Chemical Research in Toxicology</i> , <b>1995</b> , 8, 431-6	4	45
114	Glutathione Restricts Serine Metabolism to Preserve Regulatory T Cell Function. <i>Cell Metabolism</i> , <b>2020</b> , 31, 920-936.e7	24.6	43
113	1,4-Dioxane as an emerging water contaminant: State of the science and evaluation of research needs. <i>Science of the Total Environment</i> , <b>2019</b> , 690, 853-866	10.2	43
112	Molecular cloning and baculovirus expression of the rabbit corneal aldehyde dehydrogenase (ALDH1A1) cDNA. <i>DNA and Cell Biology</i> , <b>2003</b> , 22, 329-38	3.6	42
111	CYP2E1 and catalase influence ethanol sensitivity in the central nervous system. <i>Pharmacogenetics and Genomics</i> , <b>2006</b> , 16, 51-8	1.9	41
110	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> , <b>1992</b> , 187, 413-9	3.4	41
109	Discovery of NCT-501, a Potent and Selective Theophylline-Based Inhibitor of Aldehyde Dehydrogenase 1A1 (ALDH1A1). <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 5967-78	8.3	38
108	Corneal aldehyde dehydrogenases: multiple functions and novel nuclear localization. <i>Brain Research Bulletin</i> , <b>2010</b> , 81, 211-8	3.9	38
107	Mouse microsomal Class 3 aldehyde dehydrogenase: AHD3 cDNA sequence, inducibility by dioxin and clofibrate, and genetic mapping. <i>DNA and Cell Biology</i> , <b>1996</b> , 15, 235-45	3.6	37
106	Auto-deconvolution and molecular networking of gas chromatography-mass spectrometry data. <i>Nature Biotechnology</i> , <b>2021</b> , 39, 169-173	44.5	36
105	Mouse dioxin-inducible cytosolic aldehyde dehydrogenase-3: AHD4 cDNA sequence, genetic mapping, and differences in mRNA levels. <i>Pharmacogenetics and Genomics</i> , <b>1993</b> , 3, 281-90		34

104	Tissue distribution of inducible aldehyde dehydrogenase activity in the rat after treatment with phenobarbital or methylcholanthrene. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1989</b> , 64, 39-42		33
103	ALDH1B1 Is Crucial for Colon Tumorigenesis by Modulating Wnt/ECatenin, Notch and PI3K/Akt Signaling Pathways. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121648	3.7	33
102	Removal of acetaldehyde from the body. <i>Novartis Foundation Symposium</i> , <b>2007</b> , 285, 23-40; discussion 40-51, 198-9		32
101	Catalase deletion promotes prediabetic phenotype in mice. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 103, 48-56	7.8	31
100	The effects of alcohol and aldehyde dehydrogenases on disorders of hematopoiesis. <i>Advances in Experimental Medicine and Biology</i> , <b>2015</b> , 815, 349-59	3.6	30
99	Update on the human and mouse lipocalin (LCN) gene family, including evidence the mouse Mup cluster is result of an "evolutionary bloom". <i>Human Genomics</i> , <b>2019</b> , 13, 11	6.8	29
98	The mechanism of alcohol intolerance produced by various therapeutic agents. <i>Acta Pharmacologica Et Toxicologica</i> , <b>1986</b> , 58, 305-10		29
97	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> , <b>2013</b> , 202, 22-31	5	28
96	Focus on molecules: ALDH1A1: from lens and corneal crystallin to stem cell marker. <i>Experimental Eye Research</i> , <b>2012</b> , 102, 105-6	3.7	28
95	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. <i>Metabolites</i> , <b>2020</b> , 10,	5.6	24
94	ALDH1B1 is a potential stem/progenitor marker for multiple pancreas progenitor pools. <i>Developmental Biology</i> , <b>2013</b> , 374, 153-63	3.1	24
93	Structural and functional modifications of corneal crystallin ALDH3A1 by UVB light. <i>PLoS ONE</i> , <b>2010</b> , 5, e15218	3.7	24
92	Environmental influences in the etiology of colorectal cancer: the premise of metabolomics. <i>Current Pharmacology Reports</i> , <b>2017</b> , 3, 114-125	5.5	23
91	Accuracy of Electronic Medical Record Medication Reconciliation in Emergency Department Patients. <i>Journal of Emergency Medicine</i> , <b>2015</b> , 49, 78-84	1.5	23
90	Response of [Ah] battery genes to compounds that protect against menadione toxicity. <i>Biochemical Pharmacology</i> , <b>1995</b> , 50, 1885-91	6	23
89	COVID-19 one year into the pandemic: from genetics and genomics to therapy, vaccination, and policy. <i>Human Genomics</i> , <b>2021</b> , 15, 27	6.8	23
88	Chronic Glutathione Depletion Confers Protection against Alcohol-induced Steatosis: Implication for Redox Activation of AMP-activated Protein Kinase Pathway. <i>Scientific Reports</i> , <b>2016</b> , 6, 29743	4.9	23
87	Evaluation of potential carcinogenicity of organic chemicals in synthetic turf crumb rubber. <i>Environmental Research</i> , <b>2019</b> , 169, 163-172	7.9	23

86	Improved drug therapy: triangulating phenomics with genomics and metabolomics. <i>Human Genomics</i> , <b>2014</b> , 8, 16	6.8	22
85	Oral N-acetylcysteine rescues lethality of hepatocyte-specific Gclc-knockout mice, providing a model for hepatic cirrhosis. <i>Journal of Hepatology</i> , <b>2010</b> , 53, 1085-94	13.4	21
84	Duplicated gelsolin family genes in zebrafish: a novel scinderin-like gene (scinla) encodes the major corneal crystallin. <i>FASEB Journal</i> , <b>2007</b> , 21, 3318-28	0.9	21
83	Transgenic mouse models for alcohol metabolism, toxicity, and cancer. <i>Advances in Experimental Medicine and Biology</i> , <b>2015</b> , 815, 375-87	3.6	21
82	Toward Comprehensive Per- and Polyfluoroalkyl Substances Annotation Using FluoroMatch Software and Intelligent High-Resolution Tandem Mass Spectrometry Acquisition. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 11186-11194	7.8	21
81	Nutrient Composition and Fatty Acid and Protein Profiles of Selected Fish By-Products. <i>Foods</i> , <b>2020</b> , 9,	4.9	20
80	Retinoic acid biosynthesis catalyzed by retinal dehydrogenases relies on a rate-limiting conformational transition associated with substrate recognition. <i>Chemico-Biological Interactions</i> , <b>2013</b> , 202, 78-84	5	20
79	Effect of various chemicals on the aldehyde dehydrogenase activity of the rat liver cytosol. <i>Chemico-Biological Interactions</i> , <b>1991</b> , 79, 79-89	5	20
78	Aldehyde Dehydrogenase 1B1 as a Modulator of Pancreatic Adenocarcinoma. <i>Pancreas</i> , <b>2016</b> , 45, 117-22.6	17	
77	ALDH1B1 links alcohol consumption and diabetes. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 463, 768-773	3.4	16
76	A High-Content Assay Enables the Automated Screening and Identification of Small Molecules with Specific ALDH1A1-Inhibitory Activity. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170937	3.7	16
75	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> , <b>2003</b> , 413, 164-71 <sup>4.1</sup>	16	
74	Roles of defective ALDH2 polymorphism on liver protection and cancer development. <i>Environmental Health and Preventive Medicine</i> , <b>2016</b> , 21, 395-402	4.2	16
73	Ethanol sensitizes skeletal muscle to ammonia-induced molecular perturbations. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 7231-7244	5.4	15
72	COVID-19 update: the first 6 months of the pandemic. <i>Human Genomics</i> , <b>2020</b> , 14, 48	6.8	15
71	Human ALDH1B1 polymorphisms may affect the metabolism of acetaldehyde and all-trans retinaldehyde--in vitro studies and computational modeling. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 1648-62 <sup>4.5</sup>	13	
70	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> , <b>2019</b> , 131, 104969	12.9	13
69	Aldehyde dehydrogenase 1B1: a novel immunohistological marker for colorectal cancer. <i>British Journal of Cancer</i> , <b>2017</b> , 117, 1537-1543	8.7	13

68	ALDH3A1 Plays a Functional Role in Maintenance of Corneal Epithelial Homeostasis. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146433	3.7	13
67	SARS-CoV-2 wastewater surveillance data can predict hospitalizations and ICU admissions. <i>Science of the Total Environment</i> , <b>2022</b> , 804, 150151	10.2	13
66	Expression of ALDH3 and NMO1 in human corneal epithelial and breast adenocarcinoma cells. <i>Advances in Experimental Medicine and Biology</i> , <b>1997</b> , 414, 59-68	3.6	13
65	Glutathione deficiency-elicited reprogramming of hepatic metabolism protects against alcohol-induced steatosis. <i>Free Radical Biology and Medicine</i> , <b>2019</b> , 143, 127-139	7.8	12
64	Ontogenesis and expression of ALDH activity in the skin and the eye of the rat. <i>Advances in Experimental Medicine and Biology</i> , <b>1997</b> , 414, 73-80	3.6	12
63	Mouse class 3 aldehyde dehydrogenases: positive and negative regulation of gene expression. <i>Advances in Experimental Medicine and Biology</i> , <b>1993</b> , 328, 131-9	3.6	12
62	Corneal haze phenotype in Aldh3a1-null mice: In vivo confocal microscopy and tissue imaging mass spectrometry. <i>Chemico-Biological Interactions</i> , <b>2017</b> , 276, 9-14	5	11
61	Comparative genomics, molecular evolution and computational modeling of ALDH1B1 and ALDH2. <i>Chemico-Biological Interactions</i> , <b>2013</b> , 202, 11-21	5	11
60	Genetics and functions of the retinoic acid pathway, with special emphasis on the eye. <i>Human Genomics</i> , <b>2019</b> , 13, 61	6.8	11
59	Aldehyde dehydrogenase gene superfamily. The 1998 update. <i>Advances in Experimental Medicine and Biology</i> , <b>1999</b> , 463, 255-63	3.6	11
58	Transcriptomic analysis and plasma metabolomics in Aldh16a1-null mice reveals a potential role of ALDH16A1 in renal function. <i>Chemico-Biological Interactions</i> , <b>2017</b> , 276, 15-22	5	10
57	Targeted therapy for a subset of acute myeloid leukemias that lack expression of aldehyde dehydrogenase 1A1. <i>Haematologica</i> , <b>2017</b> , 102, 1054-1065	6.6	10
56	Quantification of Neural Ethanol and Acetaldehyde Using Headspace GC-MS. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2016</b> , 40, 1825-31	3.7	10
55	Environmental lipidomics: understanding the response of organisms and ecosystems to a changing world. <i>Metabolomics</i> , <b>2020</b> , 16, 56	4.7	10
54	Alcohol consumption and risk of stomach cancer: A meta-analysis. <i>Chemico-Biological Interactions</i> , <b>2021</b> , 336, 109365	5	10
53	Network machine learning maps phytochemically rich "Hyperfoods" to fight COVID-19. <i>Human Genomics</i> , <b>2021</b> , 15, 1	6.8	10
52	Heme oxygenase 1 protects ethanol-administered liver tissue in Aldh2 knockout mice. <i>Alcohol</i> , <b>2016</b> , 52, 49-54	2.7	9
51	Glutathione and Transsulfuration in Alcohol-Associated Tissue Injury and Carcinogenesis. <i>Advances in Experimental Medicine and Biology</i> , <b>2018</b> , 1032, 37-53	3.6	9

50	Integrated multi-omics approach reveals a role of ALDH1A1 in lipid metabolism in human colon cancer cells. <i>Chemico-Biological Interactions</i> , <b>2019</b> , 304, 88-96	5	8
49	Hepatic metabolic adaptation in a murine model of glutathione deficiency. <i>Chemico-Biological Interactions</i> , <b>2019</b> , 303, 1-6	5	8
48	Vibration of effects in epidemiologic studies of alcohol consumption and breast cancer risk. <i>International Journal of Epidemiology</i> , <b>2020</b> , 49, 608-618	7.8	8
47	Ethanol reduces lifespan, body weight, and serum alanine aminotransferase level of aldehyde dehydrogenase 2 knockout mouse. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2014</b> , 38, 1883-93	3.7	8
46	Dead enzymes in the aldehyde dehydrogenase gene family: role in drug metabolism and toxicology. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2015</b> , 11, 1839-47	5.5	8
45	Molecular Pathway Analysis Indicates a Distinct Metabolic Phenotype in Women With Right-Sided Colon Cancer. <i>Translational Oncology</i> , <b>2020</b> , 13, 42-56	4.9	8
44	Overview of PAX gene family: analysis of human tissue-specific variant expression and involvement in human disease. <i>Human Genetics</i> , <b>2021</b> , 140, 381-400	6.3	8
43	Nitrogen mustard-induced corneal injury involves the sphingomyelin-ceramide pathway. <i>Ocular Surface</i> , <b>2018</b> , 16, 154-162	6.5	8
42	Exposure to per- and Polyfluoroalkyl Substances and Markers of Liver Injury: A Systematic Review and Meta-Analysis.. <i>Environmental Health Perspectives</i> , <b>2022</b> , 130, 46001	8.4	8
41	The exposome in practice: an exploratory panel study of biomarkers of air pollutant exposure in Chinese people aged 60-69 years (China BAPE Study). <i>Environment International</i> , <b>2021</b> , 157, 106866	12.9	7
40	Use of Untargeted Metabolomics to Explore the Air Pollution-Related Disease Continuum. <i>Current Environmental Health Reports</i> , <b>2021</b> , 8, 7-22	6.5	7
39	Prioritization of reproductive toxicants in unconventional oil and gas operations using a multi-country regulatory data-driven hazard assessment. <i>Environment International</i> , <b>2018</b> , 117, 348-358	12.9	6
38	Evaluation of confounding in epidemiologic studies assessing alcohol consumption on the risk of ischemic heart disease. <i>BMC Medical Research Methodology</i> , <b>2020</b> , 20, 64	4.7	5
37	Update of the keratin gene family: evolution, tissue-specific expression patterns, and relevance to clinical disorders.. <i>Human Genomics</i> , <b>2022</b> , 16, 1	6.8	4
36	Summary of the 2019 alcohol and immunology research interest group (AIRIG) meeting: Alcohol-mediated mechanisms of multiple organ injury. <i>Alcohol</i> , <b>2020</b> , 87, 89-95	2.7	4
35	Prevalence and significance of race and ethnicity subgroup analyses in Cochrane intervention reviews. <i>Clinical Trials</i> , <b>2020</b> , 17, 231-234	2.2	4
34	Evolution of the liver biopsy and its future. <i>Translational Gastroenterology and Hepatology</i> , <b>2021</b> , 6, 20	5.2	4
33	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> , <b>2020</b> , 105,	5.6	4

32	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> , <b>2021</b> , 778, 146192	10.2	4
31	Mouse class 3 aldehyde dehydrogenases. <i>Advances in Experimental Medicine and Biology</i> , <b>1995</b> , 372, 151-86	3.6	4
30	Ethanol induces skin hyperpigmentation in mice with aldehyde dehydrogenase 2 deficiency. <i>Chemico-Biological Interactions</i> , <b>2019</b> , 302, 61-66	5	3
29	Age-treatment subgroup analyses in Cochrane intervention reviews: a meta-epidemiological study. <i>BMC Medicine</i> , <b>2019</b> , 17, 188	11.4	3
28	Extrahepatic expression of NAD(P)H:menadiione oxidoreductase, UDP glucuronosyltransferase-1A6, microsomal aldehyde dehydrogenase, and hepatic nuclear factor-1 alpha mRNAs in ch/ch and 14CoS/14CoS mice. <i>Biochemical and Biophysical Research Communications</i> <b>1997</b> , 233, 631-6	3.4	3
27	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> , <b>1995</b> , 50, 2113-7	6	3
26	Bringing Big Data to Bear in Environmental Public Health: Challenges and Recommendations. <i>Frontiers in Artificial Intelligence</i> , <b>2020</b> , 3,	3	3
25	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> , <b>2021</b> , 183, 338-351	4.4	3
24	Engineered Animal Models Designed for Investigating Ethanol Metabolism, Toxicity and Cancer. <i>Advances in Experimental Medicine and Biology</i> , <b>2018</b> , 1032, 203-221	3.6	3
23	Molecular Mechanisms of Alcohol-Induced Colorectal Carcinogenesis. <i>Cancers</i> , <b>2021</b> , 13,	6.6	3
22	Studies on the induction of rat class 3 aldehyde dehydrogenase. <i>Advances in Experimental Medicine and Biology</i> , <b>1995</b> , 372, 143-9	3.6	3
21	Prepubertal regulation of the rat dioxin-inducible aldehyde dehydrogenase (ALDH3). <i>Advances in Experimental Medicine and Biology</i> , <b>1999</b> , 463, 143-50	3.6	3
20	Expression, purification and crystallization of the novel <i>Xenopus tropicalis</i> ALDH16B1, a homologue of human ALDH16A1. <i>Chemico-Biological Interactions</i> , <b>2019</b> , 304, 168-172	5	2
19	Antiproliferative activity of protein hydrolysates derived from fish by-products on human colon and breast cancer cells.. <i>Proceedings of the Nutrition Society</i> , <b>2020</b> , 79,	2.9	2
18	Mouse Models of the Cornea and Lens <b>2008</b> , 148-172		2
17	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> , <b>2022</b> , 130, 17006	8.4	2
16	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> , <b>2021</b> , 32, 1798-1809	3.5	2
15	Letter to the editor for "Update of the human and mouse Fanconi anemia genes". <i>Human Genomics</i> , <b>2016</b> , 10, 25	6.8	2

14	Acetaminophen Attenuates invasion and alters the expression of extracellular matrix enzymes and vascular factors in human first trimester trophoblast cells. <i>Placenta</i> , <b>2021</b> , 104, 146-160	3.4	2
13	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> , <b>2022</b> , 806, 150703	10.2	2
12	Impaired GSH biosynthesis disrupts eye development, lens morphogenesis and PAX6 function. <i>Ocular Surface</i> , <b>2021</b> , 22, 190-203	6.5	2
11	Non-targeted metabolomics and associations with per- and polyfluoroalkyl substances (PFAS) exposure in humans: A scoping review.. <i>Environment International</i> , <b>2022</b> , 162, 107159	12.9	2
10	Ocular Metabolism and Disposition of 4-Hydroxy-2-nonenal. <i>Cutaneous and Ocular Toxicology</i> , <b>2005</b> , 24, 165-176	1.8	1
9	Oxidative stress induces inflammation of lens cells and triggers immune surveillance of ocular tissues.. <i>Chemico-Biological Interactions</i> , <b>2022</b> , 109804	5	1
8	Mouse Dioxin-Inducible Ahd4 Gene. <i>Advances in Experimental Medicine and Biology</i> , <b>1996</b> , 37-46	3.6	1
7	The lack of AHD4 induction by TCDD in corneal cells may involve tissue-specific regulatory proteins. <i>Advances in Experimental Medicine and Biology</i> , <b>1999</b> , 463, 181-8	3.6	1
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2	Hepatic and Extrahepatic Malignancies in Alcoholic Liver Disease <b>2016</b> , 249-269		
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