Roger S Holmes

List of Publications by Citations

143 papers	2,907 citations	30 h-index	47 g-index
147 ext. papers	3,024 ext. citations	3.2 avg, IF	4.87 L-index

#	Paper	IF	Citations
143	Recommended nomenclature for the vertebrate alcohol dehydrogenase gene family. *Biochemical Pharmacology*, **1999**, 58, 389-95	6	209
142	Bovine corneal aldehyde dehydrogenase: the major soluble corneal protein with a possible dual protective role for the eye. *Experimental Eye Research*, **1990**, 51, 419-26	3.7	126
141	Recommended nomenclature for five mammalian carboxylesterase gene families: human, mouse, and rat genes and proteins. *Mammalian Genome*, **2010**, 21, 427-41	3.2	123
140	Purification and molecular properties of mouse alcohol dehydrogenase isozymes. *FEBS Journal*, **1983**, 137, 139-47		111
139	Analysis of human alcohol- and aldehyde-metabolizing isozymes by electrophoresis and isoelectric focusing. *Alcoholism: Clinical and Experimental Research*, **1985**, 9, 263-71	3.7	92
138	Lactate dehydrogenase isozymes of the flatfish, Pleuronectiformes: kinetic, molecular and immunochemical analysis. *The Journal of Experimental Zoology*, **1969**, 171, 85-104		79
137	Isoenzymes and ontogeny. *Biological Reviews*, **1972**, 47, 309-61	13.5	73
136	Species specific features of the distribution and multiplicity of mammalian liver catalase. *Archives of Biochemistry and Biophysics*, **1972**, 148, 217-23	4.1	70
135	Genetics and ontogeny of alcohol dehydrogenase isozymes in the mouse: evidence for a cis-acting regulator gene (Adt-i) controlling C2 isozyme expression in reproductive tissues and close linkage of Adh-3 and Adt-i on chromosome 3. *Biochemical Genetics*, **1979**, 17, 461-72	2.4	58
134	Evolution of lactate dehydrogenase genes. *FEBS Letters*, **1972**, 28, 51-5	3.8	54
133	Immunochemical homologies among vertebrate lactate-dehydrogenase isozymes. *FEBS Journal*, **1974**, 43, 167-77		52
132	L-alpha-Hydroxyacid oxidase isozymes. Purification and molecular properties. *FEBS Journal*, **1976**, 63, 163-73		51
131	Ultraviolet light-induced pathology in the eye: associated changes in ocular aldehyde dehydrogenase and alcohol dehydrogenase activities. *Cornea*, **1993**, 12, 241-8	3.1	47
130	Genetics, ontogeny, and testosterone inducibility of aldehyde oxidase isozymes in the mouse: evidence for two genetic loci (Aox-I and Aox-2) closely linked on chromosome 1. *Biochemical Genetics*, **1979**, 17, 517-27	2.4	47
129	Mammalian carbonic anhydrase isozymes: evidence for a third locus. *The Journal of Experimental Zoology*, **1976**, 197, 289-95		46
128	Ocular NAD-dependent alcohol dehydrogenase and aldehyde dehydrogenase in the baboon. *Experimental Eye Research*, **1986**, 43, 383-96	3.7	45
127	Genetics and ontogeny of aldehyde dehydrogenase isozymes in the mouse: localization of Ahd-1 encoding the mitochondrial isozyme on chromosome 4. *Biochemical Genetics*, **1978**, 16, 1207-18	2.4	40

126	Lens opacity: a new gene for congenital cataract on chromosome 10 of the mouse. *Genetical Research*, **1981**, 38, 337-41	1.1	39
125	Differential corneal sensitivity to ultraviolet light among inbred strains of mice. Correlation of ultraviolet B sensitivity with aldehyde dehydrogenase deficiency. *Cornea*, **1994**, 13, 67-72	3.1	38
124	Alcohol dehydrogenase isozymes in baboons: tissue distribution, catalytic properties, and variant phenotypes in liver, kidney, stomach, and testis. *Alcoholism: Clinical and Experimental Research*, **1986**, 10, 623-30	3.7	37
123	Human ocular aldehyde dehydrogenase isozymes: Distribution and properties as major soluble proteins in cornea and lens **1998**, 282, 12-17		36
122	A spectrophotometric procedure for determining the activity of various rat tissue oxidases. *Analytical Biochemistry*, **1975**, 69, 164-9	3.1	35
121	Mouse alcohol dehydrogenase isozymes: products of closely localized duplicate genes exhibiting divergent kinetic properties. *The Journal of Experimental Zoology*, **1981**, 217, 151-7		34
120	On the latency, multiplicity, and subcellular distribution of catalase activity in mammalian tissues. *International Journal of Biochemistry & Cell Biology*, **1970**, 1, 474-482		34
119	The genetics of alpha-hydroxyacid oxidase and alcohol dehydrogenase in the mouse: evidence for multiple gene loci and linkage between Hao-2 and Adh-3. *Genetics*, **1977**, 87, 709-16	4	34
118	Genetics of aldehyde dehydrogenase isozymes in the mouse: evidence for multiple loci and localization of Ahd-2 on chromosome 19. *Genetics*, **1981**, 97, 327-36	4	34
117	Genetic variability of alcohol dehydrogenase among Australian Drosophila species: correlation of ADH biochemical phenotype with ethanol resource utilization. *The Journal of Experimental Zoology*, **1980**, 214, 199-204		33
116	Computational analyses of mammalian lactate dehydrogenases: human, mouse, opossum and platypus LDHs. *Computational Biology and Chemistry*, **2009**, 33, 379-85	3.6	31
115	Electrophoretic analyses of alcohol dehydrogenase, aldehyde dehydrogenase, aldehyde oxidase, sorbitol dehydrogenase and xanthine oxidase from mouse tissues. *Comparative Biochemistry and Physiology Part B: Comparative Biochemistry*, **1978**, 61, 339-46		31
114	Alpha-hydroxyacid oxidase genetics in the mouse: evidence for two genetic loci and a tetrameric subunit structure for the liver isozyme. *Genetics*, **1974**, 76, 93-7	4	31
113	Genetics of ocular NAD+-dependent alcohol dehydrogenase and aldehyde dehydrogenase in the mouse: evidence for genetic identity with stomach isozymes and localization of Ahd-4 on chromosome 11 near trembler. *Biochemical Genetics*, **1988**, 26, 191-205	2.4	29
112	Genomics and proteomics of vertebrate cholesterol ester lipase (LIPA) and cholesterol 25-hydroxylase (CH25H). *3 Biotech*, **2011**, 1, 99-109	2.8	28
111	Genetics and ontogeny of aldehyde dehydrogenase isozymes in th mouse: evidence for a locus controlling the inducibility of the liver microsomal isozyme. *Biochemical Genetics*, **1981**, 19, 1223-36	2.4	27
110	Biochemical genetics of aldehyde dehydrogenase isozymes in the mouse: evidence for stomach- and testis-specific isozymes. *Biochemical Genetics*, **1984**, 22, 981-95	2.4	26
109	Comparative Structures and Evolution of Vertebrate Carboxyl Ester Lipase (CEL) Genes and Proteins with a Major Role in Reverse Cholesterol Transport. *Cholesterol*, **2011**, 2011, 781643		25

108	Proteolytic modification of mouse liver catalase. *Biochemical and Biophysical Research Communications*, **1982**, 104, 1567-72	3.4	24
107	Mammalian carboxylesterase 5: comparative biochemistry and genomics. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2008**, 3, 195-204	2	23
106	Regional distribution of mammalian corneal aldehyde dehydrogenase and alcohol dehydrogenase. *Cornea*, **1992**, 11, 560-6	3.1	23
105	Liver cytosolic aldehyde dehydrogenases from "alcohol-drinking" and "alcohol-avoiding" mouse strains: purification and molecular properties. *International Journal of Biochemistry & Cell Biology*, **1986**, 18, 49-56		23
104	Human Corneal and Lens Aldehyde Dehydrogenases. *Advances in Experimental Medicine and Biology* , **1996**, 19-27	3.6	23
103	Mouse mitochondrial aldehyde dehydrogenase isozymes: purification and molecular properties. *International Journal of Biochemistry & Cell Biology*, **1985**, 17, 51-60		21
102	Aldehyde dehydrogenases, aldehyde oxidase and xanthine oxidase from baboon tissues: phenotypic variability and subcellular distribution in liver and brain. *Alcohol*, **1986**, 3, 205-14	2.7	21
101	Genetic regulation of alcohol dehydrogenase C2 in the mouse. Developmental consequences of the temporal locus (Adh-3t) and positioning of Adh-3 on chromosome 3. *Genesis*, **1981**, 2, 89-98		21
100	Mammalian carboxylesterase 3: comparative genomics and proteomics. *Genetica*, **2010**, 138, 695-708	1.5	19
99	Purification and properties of mouse stomach aldehyde dehydrogenase. Evidence for a role in the oxidation of peroxidic and aromatic aldehydes. *BBA - Proteins and Proteomics*, **1989**, 995, 168-73		19
98	Comparative studies of mammalian acid lipases: Evidence for a new gene family in mouse and rat (Lipo). *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2010**, 5, 217-26	2	18
97	Sorbitol dehydrogenase genetics in the mouse: a TnullTmutant in a TEuropeanTC57BL strain. *Animal Blood Groups and Biochemical Genetics*, **1982**, 13, 263-72		18
96	Application of the reverse dept polarization-transfer pulse sequence to monitor in vitro and in vivo metabolism of 13C-ethanol by 1H-NMR spectroscopy. *International Journal of Biochemistry & Cell Biology*, **1985**, 17, 471-8		18
95	Genetic variation, cellular distribution and ontogeny of sorbitol dehydrogenase and alcohol dehydrogenase isozymes in male reproductive tissues of the mouse. *The Journal of Experimental Zoology*, **1978**, 206, 279-88		18
94	Genetic marker patterns and endogenous mammary tumor virus genes in inbred mouse strains of Japan. *Experimental Animals*, **1986**, 35, 263-73	1.8	18
93	Synthesis and incorporation of phospholipid by peroxisomes of mouse liver. *Lipids and Lipid Metabolism*, **1982**, 712, 57-64		17
92	Catalase multiplicity in normal and acatalasemic mice. *FEBS Letters*, **1972**, 24, 161-164	3.8	17
91	Comparative genomics and proteomics of vertebrate diacylglycerol acyltransferase (DGAT), acyl CoA wax alcohol acyltransferase (AWAT) and monoacylglycerol acyltransferase (MGAT). *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2010**, 5, 45-54	2	16

90	Development of aldehyde dehydrogenase and alcohol dehydrogenase in mouse eye: evidence for light-induced changes. *Neonatology*, **1992**, 61, 118-23	4	16
89	Comparative studies of glycosylphosphatidylinositol-anchored high-density lipoprotein-binding protein 1: evidence for a eutherian mammalian origin for the GPIHBP1 gene from an LY6-like gene. *3 Biotech*, **2012**, 2, 37-52	2.8	15
88	Liver aldehyde oxidase and xanthine oxidase genetics in the mouse. *Animal Blood Groups and Biochemical Genetics*, **1981**, 12, 193-9		15
87	Biochemical genetics of aldehyde reductase in the mouse: Ahr-1--a new locus linked to the alcohol dehydrogenase gene complex on chromosome 3. *Biochemical Genetics*, **1982**, 20, 1067-83	2.4	15
86	Marsupial and monotreme lactate dehydrogenase isozymes: phylogeny, ontogeny, and homology with eutherian mammals. *The Journal of Experimental Zoology*, **1973**, 184, 127-48		15
85	Mammalian Glutamyl Aminopeptidase Genes (ENPEP) and Proteins: Comparative Studies of a Major Contributor to Arterial Hypertension. *Journal of Data Mining in Genomics & Proteomics*, **2017**, 8,		14
84	Alcohol dehydrogenase isozymes in the mouse: genetic regulation, allelic variation among inbred strains and sex differences of liver and kidney A2 isozyme activity. *Animal Blood Groups and Biochemical Genetics*, **1982**, 13, 97-108		14
83	Phylogenetic variation of rodent liver esterases. *The Journal of Experimental Zoology*, **1969**, 172, 323-34		14
82	Comparative studies of vertebrate lipoprotein lipase: a key enzyme of very low density lipoprotein metabolism. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2011**, 6, 224-34	2	13
81	Phylogeny and evolution of aldehyde dehydrogenase-homologous folate enzymes. *Chemico-Biological Interactions*, **2011**, 191, 122-8	5	13
80	A new class of mammalian carboxylesterase CES6. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2009**, 4, 209-17	2	13
79	A genetic basis for corneal sensitivity to ultraviolet light among recombinant SWXJ inbred strains of mice. *Current Eye Research*, **1997**, 16, 539-46	2.9	13
78	Genetics of alcohol dehydrogenase and aldehyde dehydrogenase from Monodelphis domestica cornea: further evidence for identity of corneal aldehyde dehydrogenase with a major soluble protein. *Genetical Research*, **1990**, 56, 259-65	1.1	13
77	Phenetic relationships among varanid lizards based upon comparative electrophoretic data and karyotypic analyses. *Biochemical Systematics and Ecology*, **1975**, 3, 257-IN3	1.4	13
76	Genetics of peroxisomal enzymes in the mouse: nonlinkage of D-amino acid oxidase locus (Dao) to catalase (Cs) and L-alpha-hydroxyacid oxidase (Hao-1) loci on chromosome 2. *Biochemical Genetics*, **1976**, 14, 981-7	2.4	13
75	Baboon carboxylesterases 1 and 2: sequences, structures and phylogenetic relationships with human and other primate carboxylesterases. *Journal of Medical Primatology*, **2009**, 38, 27-38	0.7	12
74	Opossum carboxylesterases: sequences, phylogeny and evidence for CES gene duplication events predating the marsupial-eutherian common ancestor. *BMC Evolutionary Biology*, **2008**, 8, 54	3	12
73	Purification and properties of sorbitol dehydrogenase from mouse liver. *International Journal of Biochemistry & Cell Biology*, **1983**, 15, 507-11		12

72	The influence of clofibrate on lipid turnover in mouse tissues. *Biochemical and Biophysical Research Communications*, **1980**, 93, 258-63	3.4	12
71	Genetics of hydroxyacid oxidase isozymes in the mouse: localisation of Hao-2 on linkage group XVI. *Heredity*, **1978**, 41, 403-6	3.6	12
70	Comparative genomics, molecular evolution and computational modeling of ALDH1B1 and ALDH2. *Chemico-Biological Interactions*, **2013**, 202, 11-21	5	11
69	Vertebrate hepatic lipase genes and proteins: a review supported by bioinformatic studies. *Open Access Bioinformatics*, **2011**, 2011, 85-95		11
68	Comparative studies of vertebrate aldehyde dehydrogenase 3: sequences, structures, phylogeny and evolution. Evidence for a mammalian origin for the ALDH3A1 gene. *Chemico-Biological Interactions*, **2011**, 191, 113-21	5	11
67	Gene markers for alcohol-metabolizing enzymes among recombinant inbred strains of mice with differential behavioural responses towards alcohol. *Animal Blood Groups and Biochemical Genetics*, **1985**, 16, 51-9		11
66	Genetics and ontogeny of butyryl CoA dehydrogenase in the mouse and linkage of Bcd-1 with Dao-1. *Biochemical Genetics*, **1981**, 19, 333-45	2.4	11
65	Comparative studies of vertebrate iduronate 2-sulfatase (IDS) genes and proteins: evolution of A mammalian X-linked gene. *3 Biotech*, **2017**, 7, 22	2.8	10
64	Vertebrate endothelial lipase: comparative studies of an ancient gene and protein in vertebrate evolution. *Genetica*, **2011**, 139, 291-304	1.5	10
63	A gastric alcohol dehydrogenase in the baboon: purification and properties of a high-Km enzyme, consistent with a role in first pass alcohol metabolism. *Alcoholism: Clinical and Experimental Research*, **1992**, 16, 922-7	3.7	10
62	Postnatal development of mouse alcohol dehydrogenases: agarose isoelectric focusing analyses of the liver, kidney, stomach and ocular isozymes. *Neonatology*, **1991**, 59, 93-7	4	10
61	Purification and molecular properties of a Class II alcohol dehydrogenase (ADH-C2) from horse liver. *International Journal of Biochemistry & Cell Biology*, **1984**, 16, 1037-42		10
60	Human Corneal and Lens Aldehyde Dehydrogenases. *Advances in Experimental Medicine and Biology* , **1999**, 189-198	3.6	10
59	Isoelectric focusing studies of aldehyde dehydrogenases, alcohol dehydrogenases and oxidases from mammalian anterior eye tissues. *Comparative Biochemistry and Physiology Part B: Comparative Biochemistry*, **1989**, 93, 271-7		9
58	BIOCHEMICAL AND GENETIC STUDIES OF PEROXISOMAL MULTIPLE ENZYME SYSTEMS: -HYDROXYACID OXIDASE AND CATALASE **1975**, 191-211		9
57	Aldehyde dehydrogenase homologous folate enzymes: Evolutionary switch between cytoplasmic and mitochondrial localization. *Chemico-Biological Interactions*, **2015**, 234, 12-7	5	8
56	Comparative Studies of Vertebrate Platelet Glycoprotein 4 (CD36). *Biomolecules*, **2012**, 2, 389-414	5.9	8
55	Isoelectric focusing studies of aldehyde dehydrogenases from mouse tissues: variant phenotypes of liver, stomach and testis isozymes. *Comparative Biochemistry and Physiology Part B: Comparative Biochemistry*, **1985**, 81, 647-51		8

54	The ontogeny of L-alpha-hydroxyacid oxidase isozymes in the mouse. *The Journal of Experimental Zoology*, **1975**, 192, 119-25		8
53	Alcohol dehydrogenases and aldehyde dehydrogenases among inbred strains of mice: multiplicity, development, genetic studies and metabolic roles. *Addiction Biology*, **1996**, 1, 349-62	4.6	7
52	Aldehyde dehydrogenase (ALDH) isozymes in the gray short-tailed opossum (Monodelphis domestica): Tissue and subcellular distribution and biochemical genetics of ALDH3. *Biochemical Genetics*, **1991**, 29, 163-175	2.4	7
51	Developmental changes in aldehyde dehydrogenases from mouse tissues. *Mechanisms of Ageing and Development*, **1987**, 40, 103-13	5.6	7
50	Genetic control and ontogeny of microbody enzymes: a review. *Biochemical Genetics*, **1978**, 16, 171-90	2.4	7
49	Bovine corneal aldehyde dehydrogenases: evidence for multiple gene products (ALDH3 and ALDHX). *Advances in Experimental Medicine and Biology*, **1993**, 328, 153-7	3.6	7
48	Purification and properties of baboon corneal aldehyde dehydrogenase: proposed UVR protective role. *Advances in Experimental Medicine and Biology*, **1991**, 284, 53-60	3.6	7
47	Comparative studies of vertebrate Beta integrin genes and proteins: ancient genes in vertebrate evolution. *Biomolecules*, **2011**, 1, 3-31	5.9	6
46	Mouse aldehyde dehydrogenase genetics: positioning of Ahd-1 on chromosome 4. *Animal Blood Groups and Biochemical Genetics*, **1981**, 12, 1-5		6
45	Genetics and development of ocular oxidases in the mouse: evidence for a new locus (Eox-1) closely linked with the aldehyde oxidase loci on chromosome 1. *Animal Genetics*, **1988**, 19, 227-36	2.5	6
44	Opossum alcohol dehydrogenases: Sequences, structures, phylogeny and evolution: evidence for the tandem location of ADH genes on opossum chromosome 5. *Chemico-Biological Interactions*, **2009**, 178, 8-15	5	6
43	Biochemical genetics of alcohol dehydrogenase isozymes in the gray short-tailed opossum (Monodelphis domestica). *Biochemical Genetics*, **1992**, 30, 215-231	2.4	6
42	Evidence for three genes encoding class-I alcohol dehydrogenase subunits in baboon and analysis of the 5Tregion of the gene encoding the ADH beta subunit. *Gene*, **1991**, 103, 211-8	3.8	6
41	Purification and molecular properties of alcohol dehydrogenase from Drosophila melanogaster: Evidence from NMR and kinetic studies for function as an aldehyde dehydrogenase. *Comparative Biochemistry and Physiology Part B: Comparative Biochemistry*, **1985**, 80, 525-535		6
40	The influence of ethanol on lipid metabolism in mouse tissues. *International Journal of Biochemistry & Cell Biology*, **1981**, 13, 395-9		6
39	Biochemical genetics of opossum aldehyde dehydrogenase 3: evidence for three ALDH3A-like genes and an ALDH3B-like gene. *Biochemical Genetics*, **2010**, 48, 287-303	2.4	5
38	On the synthesis and incorporation of catalase and urate oxidase into the peroxisomes of mouse liver. *International Journal of Biochemistry & Cell Biology*, **1983**, 15, 1429-37		5
37	Electrophoretic analyses of alcohol dehydrogenase, aldehyde dehydrogenase, aldehyde reductase, aldehyde oxidase and xanthine oxidase from horse tissues. *Comparative Biochemistry and Physiology Part B: Comparative Biochemistry*, **1984**, 78, 131-9		5

36	Genetic variants of enzymes of alcohol and aldehyde metabolism. *Alcoholism: Clinical and Experimental Research*, **1985**, 9, 535-8	3.7	5
35	Electrophoretic variation of supernatant malate dehydrogenase in marsupials. *Biochemical Genetics* , **1974**, 11, 25-32	2.4	5
34	Evolution of Vertebrate Solute Carrier Family 9B Genes and Proteins (): Evidence for a Marsupial Origin for Testis Specific from an Ancestral Vertebrate Gene. *Journal of Phylogenetics & Evolutionary Biology*, **2016**, 4,		5
33	Ceramide Synthase 6: Comparative Analysis, Phylogeny and Evolution. *Biomolecules*, **2018**, 8,	5.9	5
32	Comparative and evolutionary studies of ALDH18A1 genes and proteins. *Chemico-Biological Interactions*, **2017**, 276, 2-8	5	4
31	Comparative and evolutionary studies of vertebrate ALDH1A-like genes and proteins. *Chemico-Biological Interactions*, **2015**, 234, 4-11	5	4
30	Aldehyde oxidase and alcohol dehydrogenase genetics in the mouse. New alleles for the Aox-2 and Adh-3 loci. *Animal Blood Groups and Biochemical Genetics*, **1983**, 14, 279-86		4
29	Bovine Carboxylesterases: Evidence for Two CES1 and Five Families of CES Genes on Chromosome 18. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2009**, 4, 11-20	2	4
28	Horse carboxylesterases: evidence for six CES1 and four families of CES genes on chromosome 3. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2009**, 4, 54-65	2	4
27	Alcohol dehydrogenases: gene multiplicity and differential functions of five classes of isozymes. *Drug and Alcohol Review*, **1993**, 12, 99-110	3.2	4
26	Aldehyde reductase isozymes in the mouse: evidence for two new loci and localization of Ahr-3 on chromosome 7. *Biochemical Genetics*, **1985**, 23, 483-96	2.4	4
25	The intracellular inactivation of catalase--I. Subcellular localization and inhibition in mouse liver. *International Journal of Biochemistry & Cell Biology*, **1980**, 11, 587-93		4
24	Comparative studies of aldehyde oxidase, alcohol dehydrogenase and aldehyde resource utilization among Australian Drosophila species. *Comparative Biochemistry and Physiology Part B: Comparative Biochemistry*, **1982**, 71, 387-395		4
23	A comparative electrophoretic analysis of mammalian carbonic anhydrase isozymes: evidence for a third isozyme in red skeletal muscles. *Comparative Biochemistry and Physiology Part B: Comparative Biochemistry*, **1977**, 57, 117-20		4
22	Vertebrate patatin-like phospholipase domain-containing protein 4 (PNPLA4) genes and proteins: a gene with a role in retinol metabolism. *3 Biotech*, **2012**, 2, 277-286	2.8	3
21	Comparative studies of adipose triglyceride lipase genes and proteins: an ancient gene in vertebrate evolution. *Open Access Bioinformatics*, **2012**, 15		3
20	Comparative studies of vertebrate scavenger receptor class B type 1: a high-density lipoprotein binding protein. *Research and Reports in Biochemistry*, **2012**, 9		3
19	Opossum aldehyde dehydrogenases: evidence for four ALDH1A1-like genes on chromosome 6 and ALDH1A2 and ALDH1A3 genes on chromosome 1. *Biochemical Genetics*, **2009**, 47, 609-24	2.4	3

18	Biochemical and genetic studies on mouse aldehyde dehydrogenases. *Alcohol*, **1985**, 2, 67-71	2.7	3
17	The intracellular inactivation of catalase--II. Characteristics of a cytosol inhibitor in mouse liver. *International Journal of Biochemistry & Cell Biology*, **1980**, 11, 595-603		3
16	Lactate dehydrogenase C4 in male sex accessory glands of normal mice and in testes of sex-reversed mice. *The Journal of Experimental Zoology*, **1979**, 207, 43-7		3
15	Electrophoretic analyses of lactate dehydrogenase C4 in testes and vesicular glands of normal and male sterile translocation mice. *The Journal of Experimental Zoology*, **1979**, 209, 255-9		3
14	Purification and properties of murine corneal alcohol dehydrogenase. Evidence for class IV ADH properties. *Advances in Experimental Medicine and Biology*, **1995**, 372, 349-54	3.6	3
13	Comparative and evolutionary studies of mammalian arylsulfatase and sterylsulfatase genes and proteins encoded on the X-chromosome. *Computational Biology and Chemistry*, **2017**, 68, 71-77	3.6	2
12	Comparative structures and evolution of vertebrate lipase H (LIPH) genes and proteins: a relative of the phospholipase A1 gene families. *3 Biotech*, **2012**, 2, 263-275	2.8	2
11	Immunochemical homologies among L-alpha-hydroxyacid oxidase isozymes. *International Journal of Biochemistry & Cell Biology*, **1977**, 8, 127-30		2
10	Comparative and Evolutionary Studies of Vertebrate Extracellular Sulfatase Genes and Proteins: SULF1 and SULF2. *Journal of Proteomics and Bioinformatics*, **2017**, 10,	2.1	2
9	Polyploidy among salmonid aldehyde dehydrogenase genes and proteins. *Chemico-Biological Interactions*, **2019**, 303, 22-26	5	2
8	Molecular Evolution of Class I Alcohol Dehydrogenases in Primates. *Advances in Experimental Medicine and Biology*, **1995**, 315-320	3.6	2
7	Genetic regulation of alcohol dehydrogenase, aldehyde dehydrogenase and aldehyde oxidase isozymes in the mouse. *Advances in Experimental Medicine and Biology*, **1980**, 132, 57-66	3.6	2
6	Evolution of Mammalian KELL Blood Group Glycoproteins and Genes (KEL): Evidence for a Marsupial Origin from an Ancestral M13 Type II Endopeptidase Gene. *Journal of Phylogenetics & Evolutionary Biology*, **2013**, 01,		1
5	Human stomach class IV alcohol dehydrogenase: molecular genetic analysis. *Alcoholism: Clinical and Experimental Research*, **1995**, 19, 185-6	3.7	1
4	Genetics of Alcohol and Aldehyde Dehydrogenases. *Australian Drug and Alcohol Review*, **1988**, 7, 21-25		1
3	Comparative studies of vertebrate endothelin-converting enzyme-like 1 genes and proteins. *Research and Reports in Biochemistry*, **2013**, 1		
2	Review. Comparative structures and evolution of mammalian lipase I (LIPI) genes and proteins: A close relative of vertebrate phospholipase LIPH. *Natural Science*, **2012**, 04, 1165-1178	0.5	
1	Evolution of aldehyde dehydrogenase genes and proteins in diploid and allotetraploid Xenopus frog species. *Chemico-Biological Interactions*, **2021**, 351, 109671	5	