

# Bengt Persson

## List of Publications by Citations

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152  
papers

14,502  
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48  
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120  
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155  
ext. papers

17,527  
ext. citations

5.2  
avg, IF

5.85  
L-index

#	Paper	IF	Citations
152	The FAIR Guiding Principles for scientific data management and stewardship. <i>Scientific Data</i> , <b>2016</b> , 3, 160018	8.2	4154
151	Short-chain dehydrogenases/reductases (SDR). <i>Biochemistry</i> , <b>1995</b> , 34, 6003-13	3.2	1123
150	Medium- and short-chain dehydrogenase/reductase gene and protein families : the SDR superfamily: functional and structural diversity within a family of metabolic and regulatory enzymes. <i>Cellular and Molecular Life Sciences</i> , <b>2008</b> , 65, 3895-906	10.3	583
149	Immunocytochemical detection and mapping of a cytokeratin 18 neo-epitope exposed during early apoptosis. <i>Journal of Pathology</i> , <b>1999</b> , 187, 567-72	9.4	500
148	Short-chain dehydrogenases/reductases (SDR): the 2002 update. <i>Chemico-Biological Interactions</i> , <b>2003</b> , 143-144, 247-53	5	483
147	Prediction of transmembrane segments in proteins utilising multiple sequence alignments. <i>Journal of Molecular Biology</i> , <b>1994</b> , 237, 182-92	6.5	422
146	Characteristics of short-chain alcohol dehydrogenases and related enzymes. <i>FEBS Journal</i> , <b>1991</b> , 200, 537-43		380
145	Short-chain dehydrogenases/reductases (SDRs). <i>FEBS Journal</i> , <b>2002</b> , 269, 4409-17		312
144	The SDR (short-chain dehydrogenase/reductase and related enzymes) nomenclature initiative. <i>Chemico-Biological Interactions</i> , <b>2009</b> , 178, 94-8	5	273
143	Sequence determinants of cytosolic N-terminal protein processing. <i>FEBS Journal</i> , <b>1986</b> , 154, 193-6		271
142	Common structural features of MAPEG -- a widespread superfamily of membrane associated proteins with highly divergent functions in eicosanoid and glutathione metabolism. <i>Protein Science</i> , <b>1999</b> , 8, 689-92	6.3	248
141	Prediction of amyloid fibril-forming proteins. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 12945-50	5.4	240
140	Characteristics of alcohol/polyol dehydrogenases. The zinc-containing long-chain alcohol dehydrogenases. <i>FEBS Journal</i> , <b>1987</b> , 167, 195-201		235
139	Short-chain dehydrogenase/reductase (SDR) relationships: a large family with eight clusters common to human, animal, and plant genomes. <i>Protein Science</i> , <b>2002</b> , 11, 636-41	6.3	173
138	Structures of N-terminally acetylated proteins. <i>FEBS Journal</i> , <b>1985</b> , 152, 523-7		162
137	Coenzyme-based functional assignments of short-chain dehydrogenases/reductases (SDRs). <i>Chemico-Biological Interactions</i> , <b>2003</b> , 143-144, 271-8	5	160
136	SDR and MDR: completed genome sequences show these protein families to be large, of old origin, and of complex nature. <i>FEBS Letters</i> , <b>1999</b> , 445, 261-4	3.8	153

135	A super-family of medium-chain dehydrogenases/reductases (MDR). Sub-lines including zeta-crystallin, alcohol and polyol dehydrogenases, quinone oxidoreductase enoyl reductases, VAT-1 and other proteins. <i>FEBS Journal</i> , <b>1994</b> , 226, 15-22		136
134	Characterization of the viral microbiome in patients with severe lower respiratory tract infections, using metagenomic sequencing. <i>PLoS ONE</i> , <b>2012</b> , 7, e30875	3.7	134
133	Active site directed mutagenesis of 3 beta/17 beta-hydroxysteroid dehydrogenase establishes differential effects on short-chain dehydrogenase/reductase reactions. <i>Biochemistry</i> , <b>1997</b> , 36, 34-40	3.2	134
132	Medium-chain dehydrogenases/reductases (MDR). Family characterizations including genome comparisons and active site modeling. <i>FEBS Journal</i> , <b>2002</b> , 269, 4267-76		131
131	The N-terminal domain of 5-lipoxygenase binds calcium and mediates calcium stimulation of enzyme activity. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 38787-93	5.4	130
130	Medium- and short-chain dehydrogenase/reductase gene and protein families : the MDR superfamily. <i>Cellular and Molecular Life Sciences</i> , <b>2008</b> , 65, 3879-94	10.3	125
129	Structural features of lipoprotein lipase. Lipase family relationships, binding interactions, non-equivalence of lipase cofactors, vitellogenin similarities and functional subdivision of lipoprotein lipase. <i>FEBS Journal</i> , <b>1989</b> , 179, 39-45		119
128	Classification of the short-chain dehydrogenase/reductase superfamily using hidden Markov models. <i>FEBS Journal</i> , <b>2010</b> , 277, 2375-86	5.7	118
127	Membrane-associated proteins in eicosanoid and glutathione metabolism (MAPEG). A widespread protein superfamily. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2000</b> , 161, S20-4	10.2	116
126	Isolation and characterization of porcine diazepam-binding inhibitor, a polypeptide not only of cerebral occurrence but also common in intestinal tissues and with effects on regulation of insulin release. <i>FEBS Journal</i> , <b>1988</b> , 174, 239-45		115
125	Protein structure prediction: recognition of primary, secondary, and tertiary structural features from amino acid sequence. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , <b>1995</b> , 30, 1-94	8.7	113
124	Mutations in SLC12A5 in epilepsy of infancy with migrating focal seizures. <i>Nature Communications</i> , <b>2015</b> , 6, 8038	17.4	104
123	Prediction of membrane protein topology utilizing multiple sequence alignments. <i>The Protein Journal</i> , <b>1997</b> , 16, 453-7		99
122	Bioinformatic and enzymatic characterization of the MAPEG superfamily. <i>FEBS Journal</i> , <b>2005</b> , 272, 1688-703	3.9	98
121	Topology prediction of membrane proteins. <i>Protein Science</i> , <b>1996</b> , 5, 363-71	6.3	97
120	Comparative analysis of amino acid distributions in integral membrane proteins from 107 genomes. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2005</b> , 60, 606-16	4.2	95
119	Eye lens zeta-crystallin relationships to the family of "long-chain" alcohol/polyol dehydrogenases. Protein trimming and conservation of stable parts. <i>Biochemistry</i> , <b>1989</b> , 28, 6133-9	3.2	94
118	Classification and nomenclature of the superfamily of short-chain dehydrogenases/reductases (SDRs). <i>Chemico-Biological Interactions</i> , <b>2013</b> , 202, 111-5	5	93

117	Consensus predictions of membrane protein topology. <i>FEBS Letters</i> , <b>2000</b> , 486, 267-9	3.8	83
116	Identification of HLA-DR-bound peptides presented by human bronchoalveolar lavage cells in sarcoidosis. <i>Journal of Clinical Investigation</i> , <b>2007</b> , 117, 3576-82	15.9	80
115	Molecular model of human CYP21 based on mammalian CYP2C5: structural features correlate with clinical severity of mutations causing congenital adrenal hyperplasia. <i>Molecular Endocrinology</i> , <b>2006</b> , 20, 2946-64		74
114	Arabidopsis formaldehyde dehydrogenase. Molecular properties of plant class III alcohol dehydrogenase provide further insights into the origins, structure and function of plant class p and liver class I alcohol dehydrogenases. <i>FEBS Journal</i> , <b>1996</b> , 241, 849-57		68
113	Cellular UDP-glucose deficiency caused by a single point mutation in the UDP-glucose pyrophosphorylase gene. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 23784-91	5.4	66
112	The plant short-chain dehydrogenase (SDR) superfamily: genome-wide inventory and diversification patterns. <i>BMC Plant Biology</i> , <b>2012</b> , 12, 219	5.3	64
111	BRICHOS - a superfamily of multidomain proteins with diverse functions. <i>BMC Research Notes</i> , <b>2009</b> , 2, 180	2.3	64
110	Structure and chromosomal assignment of the sterol 12alpha-hydroxylase gene (CYP8B1) in human and mouse: eukaryotic cytochrome P-450 gene devoid of introns. <i>Genomics</i> , <b>1999</b> , 56, 184-96	4.3	63
109	Quantitative membrane proteomics applying narrow range peptide isoelectric focusing for studies of small cell lung cancer resistance mechanisms. <i>Proteomics</i> , <b>2008</b> , 8, 3008-18	4.8	61
108	Superfamilies SDR and MDR: from early ancestry to present forms. Emergence of three lines, a Zn-metalloenzyme, and distinct variabilities. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 396, 125-30	3.4	56
107	Function, gene organization and protein structures of 11beta-hydroxysteroid dehydrogenase isoforms. <i>FEBS Journal</i> , <b>1997</b> , 249, 355-60		56
106	TMAP: a new email and WWW service for membrane-protein structural predictions. <i>Trends in Biochemical Sciences</i> , <b>1995</b> , 20, 204-5	10.3	51
105	Autoimmune T cell responses to antigenic peptides presented by bronchoalveolar lavage cell HLA-DR molecules in sarcoidosis. <i>Clinical Immunology</i> , <b>2009</b> , 133, 353-63	9	48
104	Unfolding a folding disease: folding, misfolding and aggregation of the marble brain syndrome-associated mutant H107Y of human carbonic anhydrase II. <i>Journal of Molecular Biology</i> , <b>2004</b> , 342, 619-33	6.5	47
103	Pharmacogenetics of the alcohol dehydrogenase system. <i>Pharmacology</i> , <b>2000</b> , 61, 184-91	2.3	46
102	Unbiased approach for virus detection in skin lesions. <i>PLoS ONE</i> , <b>2013</b> , 8, e65953	3.7	45
101	Prediction of coenzyme specificity in dehydrogenases/reductases. A hidden Markov model-based method and its application on complete genomes. <i>FEBS Journal</i> , <b>2006</b> , 273, 1177-84	5.7	43
100	The alcohol dehydrogenase system. <i>Advances in Experimental Medicine and Biology</i> , <b>1995</b> , 372, 281-94	3.6	42

99	Mycothiol-dependent formaldehyde dehydrogenase, a prokaryotic medium-chain dehydrogenase/reductase, phylogenetically links different eukaryotic alcohol dehydrogenases--primary structure, conformational modelling and functional correlations. <i>FEBS Journal</i> , <b>1997</b> , 248, 282-9		41
98	Elapid venom toxins: multiple recruitments of ancient scaffolds. <i>FEBS Journal</i> , <b>1999</b> , 259, 225-34		41
97	Bioinformatics in protein analysis. <i>Exs</i> , <b>2000</b> , 88, 215-31		41
96	Characterization of 4-hydroxyphenylpyruvate dioxygenase. Primary structure of the Pseudomonas enzyme. <i>FEBS Journal</i> , <b>1992</b> , 205, 459-66		39
95	T-cell-epitope mapping of the idiotypic monoclonal IgG heavy and light chains in multiple myeloma. <i>International Journal of Cancer</i> , <b>1999</b> , 80, 671-80	7.5	38
94	Dual relationships of xylitol and alcohol dehydrogenases in families of two protein types. <i>FEBS Letters</i> , <b>1993</b> , 324, 9-14	3.8	38
93	Spatial detection of fetal marker genes expressed at low level in adult human heart tissue. <i>Scientific Reports</i> , <b>2017</b> , 7, 12941	4.9	36
92	Leveraging European infrastructures to access 1 million human genomes by 2022. <i>Nature Reviews Genetics</i> , <b>2019</b> , 20, 693-701	30.1	36
91	Human insulin-like growth-factor-binding protein. Low-molecular-mass form: protein sequence and cDNA cloning. <i>FEBS Journal</i> , <b>1989</b> , 180, 259-65		35
90	Prediction of partial membrane protein topologies using a consensus approach. <i>Protein Science</i> , <b>2002</b> , 11, 2974-80	6.3	33
89	Molecular basis for differential substrate specificity in class IV alcohol dehydrogenases: a conserved function in retinoid metabolism but not in ethanol oxidation. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 25180-7	5.4	33
88	Epstein-barr virus encodes three bona fide ubiquitin-specific proteases. <i>Journal of Virology</i> , <b>2008</b> , 82, 10477-86	6.6	32
87	Subdivision of the MDR superfamily of medium-chain dehydrogenases/reductases through iterative hidden Markov model refinement. <i>BMC Bioinformatics</i> , <b>2010</b> , 11, 534	3.6	31
86	Guinea pig and bovine zeta-crystallins have distinct functional characteristics highlighting replacements in otherwise similar structures. <i>Biochemistry</i> , <b>1997</b> , 36, 5353-62	3.2	31
85	Basic features of class-I alcohol dehydrogenase: variable and constant segments coordinated by inter-class and intra-class variability. Conclusions from characterization of the alligator enzyme. <i>FEBS Journal</i> , <b>1993</b> , 216, 49-56		30
84	The ELIXIR Core Data Resources: fundamental infrastructure for the life sciences. <i>Bioinformatics</i> , <b>2020</b> , 36, 2636-2642	7.2	29
83	Biochemical defects in 11-cis-retinol dehydrogenase mutants associated with fundus albipunctatus. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 49251-7	5.4	28
82	Structure-function relationships of SDR hydroxysteroid dehydrogenases. <i>Advances in Experimental Medicine and Biology</i> , <b>1997</b> , 414, 403-15	3.6	28

81	An efficient simulator of 454 data using configurable statistical models. <i>BMC Research Notes</i> , <b>2011</b> , 4, 449	2.3	27
80	Catalytic activities of human alpha class glutathione transferases toward carcinogenic dibenzo[a,l]pyrene diol epoxides. <i>Chemical Research in Toxicology</i> , <b>2002</b> , 15, 825-31	4	27
79	Structural and enzymatic properties of a gastric NADP(H)- dependent and retinal-active alcohol dehydrogenase. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 26021-6	5.4	27
78	Quasispecies dynamics and molecular evolution of human norovirus capsid P region during chronic infection. <i>Journal of General Virology</i> , <b>2009</b> , 90, 432-441	4.9	23
77	Folding into a beta-hairpin can prevent amyloid fibril formation. <i>Biochemistry</i> , <b>2004</b> , 43, 4655-61	3.2	23
76	Human liver class I alcohol dehydrogenase gammagamma isozyme: the sole cytosolic 3beta-hydroxysteroid dehydrogenase of iso bile acids. <i>Hepatology</i> , <b>2000</b> , 31, 990-6	11.2	23
75	Transcriptomics of cardiac biopsies reveals differences in patients with or without diagnostic parameters for heart failure with preserved ejection fraction. <i>Scientific Reports</i> , <b>2019</b> , 9, 3179	4.9	22
74	Phylogenetically diverse TT virus viremia among pregnant women. <i>Virology</i> , <b>2012</b> , 432, 427-34	3.6	22
73	The fellowship of the RING: the RING-B-box linker region interacts with the RING in TRIM21/Ro52, contains a native autoantigenic epitope in Sjögren syndrome, and is an integral and conserved region in TRIM proteins. <i>Journal of Molecular Biology</i> , <b>2008</b> , 377, 431-49	6.5	22
72	Short-chain dehydrogenases/reductases. <i>Advances in Experimental Medicine and Biology</i> , <b>1995</b> , 372, 383-95	3.5	22
71	Disruption of the GDNF binding site in NCAM dissociates ligand binding and homophilic cell adhesion. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 12734-40	5.4	21
70	Molecular modelling of human gastric alcohol dehydrogenase (class IV) and substrate docking: differences towards the classical liver enzyme (class I). <i>FEBS Letters</i> , <b>1996</b> , 395, 99-102	3.8	20
69	The bio.tools registry of software tools and data resources for the life sciences. <i>Genome Biology</i> , <b>2019</b> , 20, 164	18.3	19
68	Origin and evolution of medium chain alcohol dehydrogenases. <i>Chemico-Biological Interactions</i> , <b>2013</b> , 202, 91-6	5	19
67	Lipoprotein lipases and vitellogenins in relation to the known three-dimensional structure of pancreatic lipase. <i>FEBS Letters</i> , <b>1991</b> , 288, 33-6	3.8	19
66	In vitro functional studies of rare CYP21A2 mutations and establishment of an activity gradient for nonclassic mutations improve phenotype predictions in congenital adrenal hyperplasia. <i>Clinical Endocrinology</i> , <b>2015</b> , 82, 37-44	3.4	18
65	Different segment similarities in long-chain dehydrogenases. <i>Biochemical and Biophysical Research Communications</i> , <b>1991</b> , 177, 218-23	3.4	18
64	An unbiased metagenomic search for infectious agents using monozygotic twins discordant for chronic fatigue. <i>BMC Microbiology</i> , <b>2011</b> , 11, 2	4.5	17

63	Glucose-6-phosphate dehydrogenase. Structure-function relationships and the <i>Pichia jadinii</i> enzyme structure. <i>FEBS Journal</i> , <b>1993</b> , 212, 41-9		17
62	Zeta-crystallin versus other members of the alcohol dehydrogenase super-family. Variability as a functional characteristic. <i>FEBS Letters</i> , <b>1993</b> , 322, 240-4	3.8	17
61	Functionally important regions of glucose-6-phosphate dehydrogenase defined by the <i>Saccharomyces cerevisiae</i> enzyme and its differences from the mammalian and insect forms. <i>FEBS Journal</i> , <b>1991</b> , 198, 485-91		16
60	Amino acid sequence restriction in relation to proteolysis. <i>Bioscience Reports</i> , <b>1983</b> , 3, 225-32	4.1	16
59	Novel candidate genes for 46,XY gonadal dysgenesis identified by a customized 1 M array-CGH platform. <i>European Journal of Medical Genetics</i> , <b>2013</b> , 56, 661-8	2.6	15
58	Multiplicity of eukaryotic ADH and other MDR Forms. <i>Chemico-Biological Interactions</i> , <b>2003</b> , 143-144, 255-61	5	15
57	Sorbitol dehydrogenase of <i>Drosophila</i> . Gene, protein, and expression data show a two-gene system. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 34293-301	5.4	15
56	Analysis of ancient sequence motifs in the H-PPase family. <i>FEBS Journal</i> , <b>2006</b> , 273, 5183-93	5.7	14
55	Alcohol dehydrogenases. <i>Biochemical Society Transactions</i> , <b>1990</b> , 18, 169-71	5.1	14
54	Molecular dynamics studies of alpha-helix stability in fibril-forming peptides. <i>Journal of Computer-Aided Molecular Design</i> , <b>2008</b> , 22, 53-8	4.2	13
53	A mutation interfering with 5-lipoxygenase domain interaction leads to increased enzyme activity. <i>Archives of Biochemistry and Biophysics</i> , <b>2014</b> , 545, 179-85	4.1	12
52	Investigation and prediction of the severity of p53 mutants using parameters from structural calculations. <i>FEBS Journal</i> , <b>2009</b> , 276, 4142-55	5.7	12
51	Sea snake ( <i>Microcephalophis gracilis</i> ) hemoglobin: primary structure and relationships to other forms. <i>The Protein Journal</i> , <b>1990</b> , 9, 533-41		12
50	Rationale and design of the PREFERS (Preserved and Reduced Ejection Fraction Epidemiological Regional Study) Stockholm heart failure study: an epidemiological regional study in Stockholm county of 2.1 million inhabitants. <i>European Journal of Heart Failure</i> , <b>2016</b> , 18, 1287-1297	12.3	11
49	Functionally important amino acids in the <i>Arabidopsis</i> thylakoid phosphate transporter: homology modeling and site-directed mutagenesis. <i>Biochemistry</i> , <b>2010</b> , 49, 6430-9	3.2	11
48	Ontology annotation treebrowser : an interactive tool where the complementarity of medical subject headings and gene ontology improves the interpretation of gene lists. <i>Applied Bioinformatics</i> , <b>2006</b> , 5, 225-36		11
47	Human type 10 17 beta-hydroxysteroid dehydrogenase: molecular modelling and substrate docking. <i>Journal of Molecular Graphics and Modelling</i> , <b>2001</b> , 19, 514-20, 591-3	2.8	11
46	Cloning of a novel growth hormone-regulated rat complementary deoxyribonucleic acid with homology to the human alpha1B-glycoprotein, characterizing a new protein family. <i>Endocrinology</i> , <b>2001</b> , 142, 2695-701	4.8	11

45	Primary structure of the hemoglobin alpha-chain of rose-ringed parakeet ( <i>Psittacula krameri</i> ). <i>The Protein Journal</i> , <b>1988</b> , 7, 561-9		11
44	Alcohol dehydrogenases and aldehyde dehydrogenases. <i>Biochemical Society Transactions</i> , <b>1988</b> , 16, 223-7	3.1	11
43	Metabolomic Profile in HFpEF vs HFrEF Patients. <i>Journal of Cardiac Failure</i> , <b>2020</b> , 26, 1050-1059	3.3	11
42	ELIXIR-EXCELERATE: establishing Europe's data infrastructure for the life science research of the future. <i>EMBO Journal</i> , <b>2021</b> , 40, e107409	13	11
41	Analysis of mammalian alcohol dehydrogenase 5 (ADH5): characterisation of rat ADH5 with comparisons to the corresponding human variant. <i>Chemico-Biological Interactions</i> , <b>2013</b> , 202, 97-103	5	10
40	Characterization of oligopeptide patterns in large protein sets. <i>BMC Genomics</i> , <b>2007</b> , 8, 346	4.5	10
39	Variations and constant patterns in eukaryotic MDR enzymes. Conclusions from novel structures and characterized genomes. <i>Chemico-Biological Interactions</i> , <b>2001</b> , 130-132, 491-8	5	10
38	RSpred, a set of Hidden Markov Models to detect and classify the RIFIN and STEVOR proteins of <i>Plasmodium falciparum</i> . <i>BMC Genomics</i> , <b>2011</b> , 12, 119	4.5	9
37	A new polymorphism in the coding region of exon four in HSD17B2 in relation to risk of sporadic and hereditary breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>2007</b> , 106, 57-64	4.4	9
36	Fast atom bombardment mass spectrometry and chemical analysis in determinations of acyl-blocked protein structures. <i>FEBS Letters</i> , <b>1990</b> , 269, 194-6	3.8	9
35	Computational studies of human class V alcohol dehydrogenase - the odd sibling. <i>BMC Biochemistry</i> , <b>2016</b> , 17, 16	4.8	8
34	On an early gene for membrane-integral inorganic pyrophosphatase in the genome of an apparently pre-luca extremophile, the archaeon <i>Candidatus Korarchaeum cryptofilum</i> . <i>Journal of Molecular Evolution</i> , <b>2014</b> , 78, 140-7	3.1	7
33	Enrichment of ligands with molecular dockings and subsequent characterization for human alcohol dehydrogenase 3. <i>Cellular and Molecular Life Sciences</i> , <b>2010</b> , 67, 3005-15	10.3	7
32	Carbamazepine protects against neuronal hyperplasia and abnormal gene expression in the megencephaly mouse. <i>Neurobiology of Disease</i> , <b>2008</b> , 32, 364-76	7.5	7
31	Mutation analysis of the human 5-lipoxygenase C-terminus: support for a stabilizing C-terminal loop. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2005</b> , 1749, 123-31	4	7
30	Functional and Structural Consequences of Nine Mutations Ranging from Very Mild to Severe Effects. <i>International Journal of Endocrinology</i> , <b>2016</b> , 2016, 4209670	2.7	7
29	Alcohol Dehydrogenase Variability. <i>Advances in Experimental Medicine and Biology</i> , <b>1996</b> , 281-289	3.6	7
28	A highly active microsomal glutathione transferase from Frog ( <i>Xenopus laevis</i> ) liver that is not activated by N-ethylmaleimide. <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 246, 466-9	3.4	6



27	Characterization of two platelet aggregation inhibitor-like polypeptides from viper venom. <i>Peptides</i> , <b>1992</b> , 13, 1033-7	3.8	6
26	Cloning of a Novel Growth Hormone-Regulated Rat Complementary Deoxyribonucleic Acid with Homology to the Human $\beta$ -Glycoprotein, Characterizing a New Protein Family		6
25	Evolutionary conservation of the ribosomal biogenesis factor Rbm19/Mrd1: implications for function. <i>PLoS ONE</i> , <b>2012</b> , 7, e43786	3.7	6
24	Bioinformatics in studies of SDR and MDR enzymes. <i>Advances in Experimental Medicine and Biology</i> , <b>1999</b> , 463, 373-7	3.6	6
23	The mammalian alcohol dehydrogenase genome shows several gene duplications and gene losses resulting in a large set of different enzymes including pseudoenzymes. <i>Chemico-Biological Interactions</i> , <b>2015</b> , 234, 80-4	5	5
22	FAAST: Flow-space Assisted Alignment Search Tool. <i>BMC Bioinformatics</i> , <b>2011</b> , 12, 293	3.6	5
21	Variability patterns of dehydrogenases versus peptide hormones and proteases/antiproteases. <i>FEBS Letters</i> , <b>1993</b> , 335, 69-72	3.8	5
20	Characterization of new medium-chain alcohol dehydrogenases adds resolution to duplications of the class I/III and the sub-class I genes. <i>Chemico-Biological Interactions</i> , <b>2011</b> , 191, 8-13	5	4
19	Proton-translocating transhydrogenase from photosynthetic bacteria. <i>Biochemical Society Transactions</i> , <b>1991</b> , 19, 573-5	5.1	4
18	Model of the complex of Parathyroid hormone-2 receptor and Tuberoinfundibular peptide of 39 residues. <i>BMC Research Notes</i> , <b>2010</b> , 3, 270	2.3	3
17	A Super-Family of Medium-Chain Dehydrogenases/Reductases (MDR). <i>FEBS Journal</i> , <b>2008</b> , 226, 15-22		3
16	A promiscuous glutathione transferase transformed into a selective thiolester hydrolase. <i>Organic and Biomolecular Chemistry</i> , <b>2006</b> , 4, 90-7	3.9	3
15	Primary structure of the hemoglobin beta-chain of rose-ringed parakeet ( <i>Psittacula krameri</i> ). <i>The Protein Journal</i> , <b>1989</b> , 8, 481-6		3
14	The ELIXIR channel in F1000Research. <i>F1000Research</i> , <b>2015</b> , 4,	3.6	3
13	Tetra- and Nonapeptidyl Motifs in the Origin and Evolution of Photosynthetic Bioenergy Conversion <b>2001</b> , 173-178		3
12	Association between body mass index and insulin receptor substrate-4 (IRS-4) gene polymorphisms in patients with schizophrenia. <i>Neuroendocrinology Letters</i> , <b>2011</b> , 32, 634-40	0.3	3
11	Increased iron absorption in patients with chronic heart failure and iron deficiency. <i>Journal of Cardiac Failure</i> , <b>2020</b> , 26, 440-443	3.3	2
10	Novel non-classic CYP21A2 variants, including combined alleles, identified in patients with congenital adrenal hyperplasia. <i>Clinical Biochemistry</i> , <b>2019</b> , 73, 50-56	3.5	2

- 9 Ethanol utilization regulatory protein: profile alignments give no evidence of origin through aldehyde and alcohol dehydrogenase gene fusion. *Protein Science*, **1995**, 4, 2621-4 6.3 2
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