

David Robert Nelson

List of Publications by Year in descending order

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141
papers

31,887
citations

22153

59
h-index

9589

142
g-index

150
all docs

150
docs citations

150
times ranked

31348
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogen-induced biosynthetic pathways encode defense-related molecules in bread wheat. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2123299119.	7.1	30
2	An Unprecedented Number of Cytochrome P450s Are Involved in Secondary Metabolism in <i>Salinispora</i> Species. <i>Microorganisms</i> , 2022, 10, 871.	3.6	8
3	Contrasting Health Effects of Bacteroidetes and Firmicutes Lies in Their Genomes: Analysis of P450s, Ferredoxins, and Secondary Metabolite Clusters. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5057.	4.1	17
4	Lifestyles Shape the Cytochrome P450 Repertoire of the Bacterial Phylum Proteobacteria. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5821.	4.1	7
5	Transcriptome Analysis of Pyrethroid-Resistant <i>Chrysodeixis includens</i> (Lepidoptera): Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 1.8	1.8	12
6	The genome of the stable fly, <i>Stomoxys calcitrans</i> , reveals potential mechanisms underlying reproduction, host interactions, and novel targets for pest control. <i>BMC Biology</i> , 2021, 19, 41.	3.8	19
7	In Silico Analysis of P450s and Their Role in Secondary Metabolism in the Bacterial Class Gammaproteobacteria. <i>Molecules</i> , 2021, 26, 1538.	3.8	11
8	Ancient Bacterial Class Alphaproteobacteria Cytochrome P450 Monooxygenases Can Be Found in Other Bacterial Species. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5542.	4.1	9
9	The cytochrome P450 (CYP) superfamily in cnidarians. <i>Scientific Reports</i> , 2021, 11, 9834.	3.3	7
10	Plant cytochrome P450 plasticity and evolution. <i>Molecular Plant</i> , 2021, 14, 1244-1265.	8.3	124
11	Evolution and enrichment of CYP5035 in Polyporales: functionality of an understudied P450 family. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 6779-6792.	3.6	11
12	<i>Aegilops tauschii</i> genome assembly Aet v5.0 features greater sequence contiguity and improved annotation. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	19
13	Diversification of Ferredoxins across Living Organisms. <i>Current Issues in Molecular Biology</i> , 2021, 43, 1374-1390.	2.4	9
14	Genomic and Transcriptomic Insight of Giant Sclerotium Formation of Wood-Decay Fungi. <i>Frontiers in Microbiology</i> , 2021, 12, 746121.	3.5	7
15	The Birth-and-Death Evolution of Cytochrome P450 Genes in Bees. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	11
16	Drivers of metabolic diversification: how dynamic genomic neighbourhoods generate new biosynthetic pathways in the Brassicaceae. <i>New Phytologist</i> , 2020, 227, 1109-1123.	7.3	49
17	More P450s Are Involved in Secondary Metabolite Biosynthesis in <i>Streptomyces</i> Compared to <i>Bacillus</i> , <i>Cyanobacteria</i> , and <i>Mycobacterium</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 4814.	4.1	20
18	Genetic elucidation of interconnected antibiotic pathways mediating maize innate immunity. <i>Nature Plants</i> , 2020, 6, 1375-1388.	9.3	52

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19	Impact of lifestyle on cytochrome P450 monooxygenase repertoire is clearly evident in the bacterial phylum Firmicutes. <i>Scientific Reports</i> , 2020, 10, 13982.	3.3	22
20	A flavin-dependent monooxygenase catalyzes the initial step in cyanogenic glycoside synthesis in ferns. <i>Communications Biology</i> , 2020, 3, 507.	4.4	20
21	Transcriptome Sequencing of the Striped Cucumber Beetle, <i>Acalymma vittatum</i> (F.), Reveals Numerous Sex-Specific Transcripts and Xenobiotic Detoxification Genes. <i>BioTech</i> , 2020, 9, 21.	2.6	7
22	Brown marmorated stink bug, <i>Halyomorpha halys</i> (Stål), genome: putative underpinnings of polyphagy, insecticide resistance potential and biology of a top worldwide pest. <i>BMC Genomics</i> , 2020, 21, 227.	2.8	60
23	Comparative Analysis, Structural Insights, and Substrate/Drug Interaction of CYP128A1 in <i>Mycobacterium tuberculosis</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 4816.	4.1	7
24	Comprehensive Analyses of Cytochrome P450 Monooxygenases and Secondary Metabolite Biosynthetic Gene Clusters in Cyanobacteria. <i>International Journal of Molecular Sciences</i> , 2020, 21, 656.	4.1	21
25	A cytochrome P450 monooxygenase gene required for biosynthesis of the trichothecene toxin harzianum A in <i>Trichoderma</i> . <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 8087-8103.	3.6	13
26	Distribution and Diversity of Cytochrome P450 Monooxygenases in the Fungal Class Tremellomycetes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2889.	4.1	12
27	Cytochrome P450 Monooxygenase CYP139 Family Involved in the Synthesis of Secondary Metabolites in 824 Mycobacterial Species. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2690.	4.1	13
28	On the occurrence of cytochrome P450 in viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12343-12352.	7.1	45
29	Analysis and preliminary characterisation of the cytochrome P450 monooxygenases from <i>Frankia</i> sp. Eul1c (<i>Frankia inefficax</i> sp.). <i>Archives of Biochemistry and Biophysics</i> , 2019, 669, 11-21.	3.0	6
30	Cytochrome P450s in the sugarcane <i>Saccharum spontaneum</i> . <i>Tropical Plant Biology</i> , 2019, 12, 150-157.	1.9	2
31	Similarities, variations, and evolution of cytochrome P450s in <i>Streptomyces</i> versus <i>Mycobacterium</i> . <i>Scientific Reports</i> , 2019, 9, 3962.	3.3	28
32	Comprehensive Comparative Analysis of Cholesterol Catabolic Genes/Proteins in Mycobacterial Species. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1032.	4.1	11
33	Genomic insights into neonicotinoid sensitivity in the solitary bee <i>Osmia bicornis</i> . <i>PLoS Genetics</i> , 2019, 15, e1007903.	3.5	68
34	Genome-wide survey of cytochrome P450 genes in the salmon louse <i>Lepeophtheirus salmonis</i> (Krøyer). <i>Tj ETQq0 0,0,rgBT /Overlock 10</i>	2.5	12
35	Diversity and evolution of cytochromes P450 in stramenopiles. <i>Planta</i> , 2019, 249, 647-661.	3.2	18
36	A terpene synthase-cytochrome P450 cluster in <i>Dictyostelium discoideum</i> produces a novel trisnorsesquiterpene. <i>ELife</i> , 2019, 8, .	6.0	11

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37	Comparative analyses and structural insights of the novel cytochrome P450 fusion protein family CYP5619 in Oomycetes. <i>Scientific Reports</i> , 2018, 8, 6597.	3.3	4
38	Cytochrome P450 diversity in the tree of life. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 141-154.	2.3	229
39	Comparative Analyses of Cytochrome P450s and Those Associated with Secondary Metabolism in Bacillus Species. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3623.	4.1	19
40	Allele-defined genome of the autopolyploid sugarcane <i>Saccharum spontaneum</i> L.. <i>Nature Genetics</i> , 2018, 50, 1565-1573.	21.4	463
41	Firefly genomes illuminate parallel origins of bioluminescence in beetles. <i>ELife</i> , 2018, 7, .	6.0	108
42	Annotation, classification, genomic organization and expression of the <i>Vitis vinifera</i> CYPome. <i>PLoS ONE</i> , 2018, 13, e0199902.	2.5	11
43	Blooming of Unusual Cytochrome P450s by Tandem Duplication in the Pathogenic Fungus <i>Conidiobolus coronatus</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 1711.	4.1	15
44	Structural and catalytic properties of the peroxygenase P450 enzyme CYP152K6 from <i>Bacillus methanolicus</i> . <i>Journal of Inorganic Biochemistry</i> , 2018, 188, 18-28.	3.5	18
45	Assessing the identity and expression level of the cytochrome P450 20A1 (CYP20A1) gene in the BPA-, BDE-47, and WAF-exposed copepods <i>Tigriopus japonicus</i> and <i>Paracyclopsina nana</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 193, 42-49.	2.6	5
46	The ancient CYP716 family is a major contributor to the diversification of eudicot triterpenoid biosynthesis. <i>Nature Communications</i> , 2017, 8, 14153.	12.8	128
47	Gene Duplication Leads to Altered Membrane Topology of a Cytochrome P450 Enzyme in Seed Plants. <i>Molecular Biology and Evolution</i> , 2017, 34, 2041-2056.	8.9	20
48	CYPome of the conifer pathogen <i>Heterobasidion irregulare</i> : Inventory, phylogeny, and transcriptional analysis of the response to biocontrol. <i>Fungal Biology</i> , 2017, 121, 158-171.	2.5	9
49	Expression, Purification, and Biochemical Characterization of the Flavocytochrome P450 CYP505A30 from <i>Myceliophthora thermophila</i> . <i>ACS Omega</i> , 2017, 2, 4705-4724.	3.5	21
50	Genome-wide identification of 52 cytochrome P450 (CYP) genes in the copepod <i>Tigriopus japonicus</i> and their B[1±]P-induced expression patterns. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2017, 23, 49-57.	1.0	4
51	CYP79 P450 monooxygenases in gymnosperms: CYP79A118 is associated with the formation of taxiphyllin in <i>Taxus baccata</i> . <i>Plant Molecular Biology</i> , 2017, 95, 169-180.	3.9	31
52	Characterization of the cytochrome P450 monooxygenase genes (P450ome) from the carotenogenic yeast <i>Xanthophyllomyces dendrorhous</i> . <i>BMC Genomics</i> , 2017, 18, 540.	2.8	42
53	A Transcriptome Survey Spanning Life Stages and Sexes of the Harlequin Bug, <i>Murgantia histrionica</i> . <i>Insects</i> , 2017, 8, 55.	2.2	20
54	Improved annotation of the insect vector of citrus greening disease: biocuration by a diverse genomics community. <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, .	3.0	62

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55	Insights into Adaptations to a Near-Obligate Nematode Endoparasitic Lifestyle from the Finished Genome of <i>Drechmeria coniospora</i> . <i>Scientific Reports</i> , 2016, 6, 23122.	3.3	32
56	A specialist herbivore pest adaptation to xenobiotics through up-regulation of multiple Cytochrome P450s. <i>Scientific Reports</i> , 2016, 6, 20421.	3.3	90
57	The draft genome of whitefly <i>Bemisia tabaci</i> MEAM1, a global crop pest, provides novel insights into virus transmission, host adaptation, and insecticide resistance. <i>BMC Biology</i> , 2016, 14, 110.	3.8	265
58	Cytochrome P450 complement (CYPome) of <i>Candida oregonensis</i> , a gut-associated yeast of bark beetle, <i>Dendroctonus rhizophagus</i> . <i>Fungal Biology</i> , 2016, 120, 1077-1089.	2.5	23
59	Genome of the Asian longhorned beetle (<i>Anoplophora glabripennis</i>), a globally significant invasive species, reveals key functional and evolutionary innovations at the beetle-plant interface. <i>Genome Biology</i> , 2016, 17, 227.	8.8	244
60	The biosynthetic pathway of the nonsugar, high-intensity sweetener mogrosin from <i>Siraitia grosvenorii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7619-E7628.	7.1	134
61	Molecular evolutionary dynamics of cytochrome P450 monooxygenases across kingdoms: Special focus on mycobacterial P450s. <i>Scientific Reports</i> , 2016, 6, 33099.	3.3	61
62	Analysis of the Genome Sequence of the Medicinal Plant <i>Salvia miltiorrhiza</i> . <i>Molecular Plant</i> , 2016, 9, 949-952.	8.3	255
63	Genomic insights into the <i>Ixodes scapularis</i> tick vector of Lyme disease. <i>Nature Communications</i> , 2016, 7, 10507.	12.8	450
64	<i>Rhodnius prolixus</i> supergene families of enzymes potentially associated with insecticide resistance. <i>Insect Biochemistry and Molecular Biology</i> , 2016, 69, 91-104.	2.7	68
65	Improved white spruce (<i>Picea glauca</i>) genome assemblies and annotation of large gene families of conifer terpenoid and phenolic defense metabolism. <i>Plant Journal</i> , 2015, 83, 189-212.	5.7	200
66	Investigation of terpene diversification across multiple sequenced plant genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E81-8.	7.1	226
67	Genome analysis of medicinal <i>Ganoderma</i> spp. with plant-pathogenic and saprotrophic life-styles. <i>Phytochemistry</i> , 2015, 114, 18-37.	2.9	49
68	Chromosome-level genome map provides insights into diverse defense mechanisms in the medicinal fungus <i>Ganoderma sinense</i> . <i>Scientific Reports</i> , 2015, 5, 11087.	3.3	76
69	Diversity and evolution of cytochrome P450 monooxygenases in Oomycetes. <i>Scientific Reports</i> , 2015, 5, 11572.	3.3	24
70	Identification of the Full 46 Cytochrome P450 (CYP) Complement and Modulation of CYP Expression in Response to Water-Accommodated Fractions of Crude Oil in the Cyclopoid Copepod <i>Paracyclops nana</i> . <i>Environmental Science & Technology</i> , 2015, 49, 6982-6992.	10.0	51
71	Nuclear Gln3 Import Is Regulated by Nitrogen Catabolite Repression Whereas Export Is Specifically Regulated by Glutamine. <i>Genetics</i> , 2015, 201, 989-1016.	2.9	15
72	Origin of the response to adrenal and sex steroids: Roles of promiscuity and co-evolution of enzymes and steroid receptors. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 151, 12-24.	2.5	87

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73	Computational Identification and Systematic Classification of Novel Cytochrome P450 Genes in <i>Salvia miltiorrhiza</i> . PLoS ONE, 2014, 9, e115149.	2.5	45
74	Structure and Biochemical Properties of the Alkene Producing Cytochrome P450 OleTJE (CYP152L1) from the <i>Jeotgalicoccus</i> sp. 8456 Bacterium. Journal of Biological Chemistry, 2014, 289, 6535-6550.	3.4	153
75	Assessment and refinement of eukaryotic gene structure prediction with gene-structure-aware multiple protein sequence alignment. BMC Bioinformatics, 2014, 15, 189.	2.6	38
76	The cytochrome P450 genes of channel catfish: Their involvement in disease defense responses as revealed by meta-analysis of RNA-Seq data sets. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 2813-2828.	2.4	30
77	Cytochrome P450 Genes from the Sacred Lotus Genome. Tropical Plant Biology, 2013, 6, 138-151.	1.9	27
78	Genomewide annotation and comparative genomics of cytochrome P450 monooxygenases (P450s) in the polypore species <i>Bjerkandera adusta</i> , <i>Ganoderma</i> sp. and <i>Phlebia brevispora</i> . Mycologia, 2013, 105, 1445-1455.	1.9	40
79	Expression Pattern of Entire Cytochrome P450 Genes and Response of Defensomes in the Benzo[<i>a</i>]pyrene-Exposed Monogonont Rotifer <i>Brachionus koreanus</i> . Environmental Science & Technology, 2013, 47, 13804-13812.	10.0	69
80	Genome of the long-living sacred lotus (<i>Nelumbo nucifera</i> Gaertn.). Genome Biology, 2013, 14, R41.	9.6	329
81	A world of cytochrome P450s. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120430.	4.0	73
82	The cytochrome P450 genesis locus: the origin and evolution of animal cytochrome P450s. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120474.	4.0	147
83	The African coelacanth genome provides insights into tetrapod evolution. Nature, 2013, 496, 311-316.	27.8	612
84	The cytochrome <i>P</i> 450 complement (<i>CYP</i> ome) of <i>Mycosphaerella graminicola</i> . Biotechnology and Applied Biochemistry, 2013, 60, 52-64.	3.1	10
85	Whole Spectrum of Cytochrome P450 Genes and Molecular Responses to Water-Accommodated Fractions Exposure in the Marine Medaka. Environmental Science & Technology, 2013, 47, 4804-4812.	10.0	50
86	<i>gln3</i> Mutations Dissociate Responses to Nitrogen Limitation (Nitrogen Catabolite Repression) and Rapamycin Inhibition of TorC1. Journal of Biological Chemistry, 2013, 288, 2789-2804.	3.4	28
87	Genome sequence of the model medicinal mushroom <i>Ganoderma lucidum</i> . Nature Communications, 2012, 3, 913.	12.8	458
88	Investigating conservation of the albaflavenone biosynthetic pathway and CYP170 bifunctionality in streptomyces. FEBS Journal, 2012, 279, 1640-1649.	4.7	41
89	The Ectocarpus Genome and Brown Algal Genomics. Advances in Botanical Research, 2012, 64, 141-184.	1.1	18
90	Macaque cytochromes P450: nomenclature, transcript, gene, genomic structure, and function. Drug Metabolism Reviews, 2011, 43, 346-361.	3.6	101

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91	The Selaginella Genome Identifies Genetic Changes Associated with the Evolution of Vascular Plants. <i>Science</i> , 2011, 332, 960-963.	12.6	794
92	A P450-centric view of plant evolution. <i>Plant Journal</i> , 2011, 66, 194-211.	5.7	528
93	Pyrosequencing the transcriptome of the greenhouse whitefly, <i>Trialeurodes vaporariorum</i> reveals multiple transcripts encoding insecticide targets and detoxifying enzymes. <i>BMC Genomics</i> , 2011, 12, 56.	2.8	97
94	Cytochrome P450 CYP2 genes in the common cormorant: Evolutionary relationships with 130 diapsid CYP2 clan sequences and chemical effects on their expression. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 153, 280-289.	2.6	31
95	Progress in tracing the evolutionary paths of cytochrome P450. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2011, 1814, 14-18.	2.3	198
96	Identification and developmental expression of the full complement of Cytochrome P450 genes in Zebrafish. <i>BMC Genomics</i> , 2010, 11, 643.	2.8	339
97	Cytochrome P450 diversity and induction by gorgonian allelochemicals in the marine gastropod <i>Cyphoma gibbosum</i> . <i>BMC Ecology</i> , 2010, 10, 24.	3.0	23
98	The <i>Ectocarpus</i> genome and the independent evolution of multicellularity in brown algae. <i>Nature</i> , 2010, 465, 617-621.	27.8	774
99	The Genome of <i>Nectria haematococca</i> : Contribution of Supernumerary Chromosomes to Gene Expansion. <i>PLoS Genetics</i> , 2009, 5, e1000618.	3.5	402
100	The cytochrome P450 (CYP) gene superfamily in <i>Daphnia pulex</i> . <i>BMC Genomics</i> , 2009, 10, 169.	2.8	151
101	The CYPome (Cytochrome P450 complement) of <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2009, 46, S53-S61.	2.1	78
102	The 2008 update of the <i>Aspergillus nidulans</i> genome annotation: A community effort. <i>Fungal Genetics and Biology</i> , 2009, 46, S2-S13.	2.1	99
103	The Cytochrome P450 Homepage. <i>Human Genomics</i> , 2009, 4, 59-65.	2.9	821
104	Comparison of Cytochrome P450 Genes from Six Plant Genomes. <i>Tropical Plant Biology</i> , 2008, 1, 216-235.	1.9	138
105	The genome of the model beetle and pest <i>Tribolium castaneum</i> . <i>Nature</i> , 2008, 452, 949-955.	27.8	1,255
106	The draft genome of the transgenic tropical fruit tree papaya (<i>Carica papaya</i> Linnaeus). <i>Nature</i> , 2008, 452, 991-996.	27.8	964
107	Genomic analysis of detoxification genes in the mosquito <i>Aedes aegypti</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 113-123.	2.7	289
108	The <i>Physcomitrella</i> Genome Reveals Evolutionary Insights into the Conquest of Land by Plants. <i>Science</i> , 2008, 319, 64-69.	12.6	1,712

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109	The <i>Fusarium graminearum</i> Genome Reveals a Link Between Localized Polymorphism and Pathogen Specialization. <i>Science</i> , 2007, 317, 1400-1402.	12.6	837
110	The <i>Chlamydomonas</i> Genome Reveals the Evolution of Key Animal and Plant Functions. <i>Science</i> , 2007, 318, 245-250.	12.6	2,354
111	Cytochrome P450 Nomenclature, 2004. , 2006, 320, 1-10.		189
112	Plant cytochrome P450s from moss to poplar. <i>Phytochemistry Reviews</i> , 2006, 5, 193-204.	6.5	113
113	Comparative Genomics of Rice and Arabidopsis. Analysis of 727 Cytochrome P450 Genes and Pseudogenes from a Monocot and a Dicot. <i>Plant Physiology</i> , 2004, 135, 756-772.	4.8	414
114	Comparison of cytochrome P450 (CYP) genes from the mouse and human genomes, including nomenclature recommendations for genes, pseudogenes and alternative-splice variants. <i>Pharmacogenetics and Genomics</i> , 2004, 14, 1-18.	5.7	850
115	Comparison of P450s from human and fugu: 420 million years of vertebrate P450 evolution. <i>Archives of Biochemistry and Biophysics</i> , 2003, 409, 18-24.	3.0	171
116	Cytochrome P450 complement (CYPome) of the avermectin-producer <i>Streptomyces avermitilis</i> and comparison to that of <i>Streptomyces coelicolor</i> A3(2). <i>Biochemical and Biophysical Research Communications</i> , 2003, 307, 610-619.	2.1	86
117	Mining databases for cytochrome P450 genes. <i>Methods in Enzymology</i> , 2002, 357, 3-15.	1.0	13
118	Introductory remarks on human CYPs. <i>Drug Metabolism Reviews</i> , 2002, 34, 1-5.	3.6	36
119	Organization, structure and evolution of the CYP2 gene cluster on human chromosome 19. <i>Pharmacogenetics and Genomics</i> , 2001, 11, 687-698.	5.7	118
120	The Genome Sequence of <i>Drosophila melanogaster</i> . <i>Science</i> , 2000, 287, 2185-2195.	12.6	5,566
121	A Novel Human Cytochrome P450 4F Isoform (CYP4F11): cDNA Cloning, Expression, and Genomic Structural Characterization. <i>Genomics</i> , 2000, 68, 161-166.	2.9	57
122	Cytochrome P450 and the Individuality of Species. <i>Archives of Biochemistry and Biophysics</i> , 1999, 369, 1-10.	3.0	504
123	A Second CYP26 P450 in Humans and Zebrafish: CYP26B1. <i>Archives of Biochemistry and Biophysics</i> , 1999, 371, 345-347.	3.0	54
124	Metazoan cytochrome P450 evolution. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1998, 121, 15-22.	0.5	134
125	Highly conserved charge-pair networks in the mitochondrial carrier family. <i>Journal of Molecular Biology</i> , 1998, 277, 285-308.	4.2	189
126	Cytochrome P450 Nomenclature. , 1998, 107, 15-24.		62

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127	Mutagenesis of Some Positive and Negative Residues Occurring in Repeat Triad Residues in the ADP/ATP Carrier from Yeast. <i>Biochemistry</i> , 1997, 36, 16008-16018.	2.5	44
128	Probing the Role of Positive Residues in the ADP/ATP Carrier from Yeast. The Effect of Six Arginine Mutations on Transport and the Four ATP versus ADP Exchange Modes. <i>Biochemistry</i> , 1996, 35, 16144-16152.	2.5	67
129	Probing the Role of Positive Residues in the ADP/ATP Carrier from Yeast. The Effect of Six Arginine Mutations on Oxidative Phosphorylation and AAC Expression. <i>Biochemistry</i> , 1996, 35, 16132-16143.	2.5	65
130	Deletion of the Nuclear Gene Encoding the Mitochondrial Citrate Transport Protein from <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , 1996, 226, 657-662.	2.1	24
131	The yeast ADP/ATP carrier. Mutagenesis and second-site revertants. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1996, 1275, 133-137.	1.0	17
132	P450 superfamily: update on new sequences, gene mapping, accession numbers and nomenclature. <i>Pharmacogenetics and Genomics</i> , 1996, 6, 1-42.	5.7	2,629
133	Genomic Cloning and Protein Expression of a Novel Rat Brain Cytochrome P-450 CYP2D18* Catalyzing Imipramine N-Demethylation. <i>Journal of Biological Chemistry</i> , 1996, 271, 28176-28180.	3.4	46
134	Structure-function relationships of the ADP/ATP carrier. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1994, 1187, 241-244.	1.0	42
135	Site-directed Mutagenesis of the Yeast Mitochondrial ADP/ATP Translocator. <i>Journal of Molecular Biology</i> , 1993, 230, 1159-1170.	4.2	125
136	Function-based Mapping of the Yeast Mitochondrial ADP/ATP Translocator by Selection for Second Site Revertants. <i>Journal of Molecular Biology</i> , 1993, 230, 1171-1182.	4.2	43
137	The P450 Superfamily: Update on New Sequences, Gene Mapping, Accession Numbers, Early Trivial Names of Enzymes, and Nomenclature. <i>DNA and Cell Biology</i> , 1993, 12, 1-51.	1.9	1,596
138	Cytochrome P-450: Cytochrome P-450 Reductase Interactions. <i>Drug Metabolism Reviews</i> , 1989, 20, 519-533.	3.6	37
139	Phospholipid and detergent effects on (Ca ²⁺ + Mg ²⁺)-ATPase purified from human erythrocytes. <i>Archives of Biochemistry and Biophysics</i> , 1985, 236, 720-730.	3.0	24
140	Stimulation of (Ca ²⁺ + Mg ²⁺)-ATPase activity in human erythrocyte membranes by synthetic lysophosphatidic acids and lysophosphatidylcholines. Effects of chain length and degree of unsaturation of the fatty acid groups. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1985, 812, 568-574.	2.6	15
141	Rabbit platelet calcium ATPase differs from the human erythrocyte (Ca ²⁺ + Mg ²⁺)-ATPase in its response to three purified phospholipases A ₂ , exogenous phospholipids and calmodulin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1984, 776, 259-266.	2.6	7