Heidi Erlandsen

List of Publications by Year
in descending order

24	1,998	361045 20	610482 24
papers	citations	h-index	g-index

24	24	24	2029
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Specific IFIH1 Gain-of-Function Mutation Causes Singleton-Merten Syndrome. American Journal of Human Genetics, 2015, 96, 275-282.	2.6	188
2	The highly conserved domain of unknown function 1792 has a distinct glycosyltransferase fold. Nature Communications, 2014, 5, 4339.	5.8	61
3	Pleiotrophin Expression during Odontogenesis. Journal of Histochemistry and Cytochemistry, 2012, 60, 366-375.	1.3	10
4	Structural and Functional Analysis of a New Subfamily of Glycosyltransferases Required for Glycosylation of Serine-rich Streptococcal Adhesins. Journal of Biological Chemistry, 2011, 286, 27048-27057.	1.6	26
5	Biopterin responsive phenylalanine hydroxylase deficiency. Genetics in Medicine, 2004, 6, 27-32.	1.1	56
6	From The Cover: Correction of kinetic and stability defects by tetrahydrobiopterin in phenylketonuria patients with certain phenylalanine hydroxylase mutations. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16903-16908.	3.3	156
7	Trends in Enzyme Therapy for Phenylketonuria. Molecular Therapy, 2004, 10, 220-224.	3.7	56
8	Crystal structure of an HEPN domain protein (TM0613) from Thermotoga maritima at 1.75 Ã... resolution. Proteins: Structure, Function and Bioinformatics, 2004, 54, 806-809.	1.5	7
9	Mechanisms underlying responsiveness to tetrahydrobiopterin in mild phenylketonuria mutations. Human Mutation, 2004, 24, 388-399.	1.1	109
10	The metabolic and molecular bases of tetrahydrobiopterin-responsive phenylalanine hydroxylase deficiency. Molecular Genetics and Metabolism, 2004, 82, 101-111.	0.5	173
11	HEPN: a common domain in bacterial drug resistance and human neurodegenerative proteins. Trends in Biochemical Sciences, 2003, 28, 224-226.	3.7	59
12	PAHdb 2003: What a locus-specific knowledgebase can do. Human Mutation, 2003, 21, 333-344.	1.1	124
13	Structural Studies on Phenylalanine Hydroxylase and Implications Toward Understanding and Treating Phenylketonuria. Pediatrics, 2003, 112, 1557-1565.	1.0	40
14	Structural studies on phenylalanine hydroxylase and implications toward understanding and treating phenylketonuria. Pediatrics, 2003, 112, 1557-65.	1.0	32
15	Three-Dimensional Structure of Human Tryptophan Hydroxylase and Its Implications for the Biosynthesis of the Neurotransmitters Serotonin and Melatoninâ€,â€¡. Biochemistry, 2002, 41, 12569-12574.	1.2	164
16	Structural Comparison of Bacterial and Human Iron-dependent Phenylalanine Hydroxylases: Similar Fold, Different Stability and Reaction Rates. Journal of Molecular Biology, 2002, 320, 645-661.	2.0	68
17	Regulatory properties of tetrahydrobiopterin cofactor bound at the active site of phenylalanine hydroxylase. Pteridines, 2000, 11, 34-36.	0.5	1
18	Combining structural genomics and enzymology: completing the picture in metabolic pathways and enzyme active sites. Current Opinion in Structural Biology, 2000, 10, 719-730.	2.6	50

#	Article	IF	Citations
19	Crystal Structure and Site-Specific Mutagenesis of Pterin-Bound Human Phenylalanine Hydroxylaseâ€,â€¡. Biochemistry, 2000, 39, 2208-2217.	1.2	106
20	The Structural Basis of Phenylketonuria. Molecular Genetics and Metabolism, 1999, 68, 103-125.	0.5	132
21	Crystallographic Analysis of the Human Phenylalanine Hydroxylase Catalytic Domain with Bound Catechol Inhibitors at 2.0 Ã... Resolutionâ€,â€¡. Biochemistry, 1998, 37, 15638-15646.	1.2	63
22	Structure of Tetrameric Human Phenylalanine Hydroxylase and Its Implications for Phenylketonuria. Journal of Biological Chemistry, 1998, 273, 16962-16967.	1.6	137
23	Crystallization and preliminary diffraction analysis of a truncated homodimer of human phenylalanine hydroxylase. FEBS Letters, 1997, 406, 171-174.	1.3	18
24	Crystal structure of the catalytic domain of human phenylalanine hydroxylase reveals the structural basis for phenylketonuria. Nature Structural Biology, 1997, 4, 995-1000.	9.7	162