

Vishal Agrawal

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,487
citations

516681

16
h-index

713444

21
g-index

24
all docs

24
docs citations

24
times ranked

1363
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular insights into effector binding by DgoR, a GntR/FadR family transcriptional repressor of Dâ€galactonate metabolism in <i>Escherichia coli</i>. <i>Molecular Microbiology</i> , 2021, 115, 591-609.	2.5	8
2	Potential role of increased oxygenation in altering perinatal adrenal steroidogenesis. <i>Pediatric Research</i> , 2015, 77, 298-309.	2.3	7
3	P450 Oxidoreductase: Genotyping, Expression, Purification of Recombinant Protein, and Activity Assessments of Wild-Type and Mutant Protein. <i>Methods in Molecular Biology</i> , 2013, 987, 225-237.	0.9	3
4	Effect of P450 oxidoreductase variants on the metabolism of model substrates mediated by CYP2C9.1, CYP2C9.2, and CYP2C9.3. <i>Pharmacogenetics and Genomics</i> , 2012, 22, 590-597.	1.5	39
5	Consequences of POR mutations and polymorphisms. <i>Molecular and Cellular Endocrinology</i> , 2011, 336, 174-179.	3.2	72
6	Substrate-specific modulation of CYP3A4 activity by genetic variants of cytochrome P450 oxidoreductase. <i>Pharmacogenetics and Genomics</i> , 2010, 20, 611-618.	1.5	99
7	Effects of genetic variants of human P450 oxidoreductase on catalysis by CYP2D6 in vitro. <i>Pharmacogenetics and Genomics</i> , 2010, 20, 677-686.	1.5	65
8	Clinical, Genetic, and Enzymatic Characterization of P450 Oxidoreductase Deficiency in Four Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 4992-5000.	3.6	64
9	Extraadrenal 21-Hydroxylation by CYP2C19 and CYP3A4: Effect on 21-Hydroxylase Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 89-95.	3.6	78
10	Genetic variation in human P450 oxidoreductase. <i>Molecular and Cellular Endocrinology</i> , 2009, 300, 180-184.	3.2	48
11	P450 Oxidoreductase Deficiency â€“ A New Form of Congenital Adrenal Hyperplasia. , 2008, 13, 67-81.		33
12	Genetics of P450 oxidoreductase: Sequence variation in 842 individuals of four ethnicities and activities of 15 missense mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1733-1738.	7.1	176
13	The Common P450 Oxidoreductase Variant A503V Is Not a Modifier Gene for 21-Hydroxylase Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 2913-2916.	3.6	48
14	Pharmacogenetics of P450 oxidoreductase: effect of sequence variants on activities of CYP1A2 and CYP2C19. <i>Pharmacogenetics and Genomics</i> , 2008, 18, 569-576.	1.5	102
15	P450 Oxidoreductase Deficiency: A New Disorder of Steroidogenesis. <i>Annals of the New York Academy of Sciences</i> , 2005, 1061, 100-108.	3.8	20
16	SH3-like Fold Proteins are Structurally Conserved and Functionally Divergent. <i>Current Protein and Peptide Science</i> , 2005, 6, 143-150.	1.4	25
17	Diversity and Function of Mutations in P450 Oxidoreductase in Patients with Antley-Bixler Syndrome and Disordered Steroidogenesis. <i>American Journal of Human Genetics</i> , 2005, 76, 729-749.	6.2	321
18	Molecular Structure of d-Hydantoinase from <i>Bacillus</i> sp. AR9: Evidence for Mercury Inhibition. <i>Journal of Molecular Biology</i> , 2005, 347, 95-105.	4.2	29

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19	A novel UV laser-induced visible blue radiation from protein crystals and aggregates: scattering artifacts or fluorescence transitions of peptide electrons delocalized through hydrogen bonding?. Archives of Biochemistry and Biophysics, 2004, 428, 144-153.	3.0	128
20	OB-fold: Growing Bigger with Functional Consistency. Current Protein and Peptide Science, 2003, 4, 195-206.	1.4	45
21	Crystallization and preliminary X-ray diffraction analysis of a thermostable D-hydantoinase from the mesophilic Bacillus sp. AR9. Acta Crystallographica Section D: Biological Crystallography, 2002, 58, 2175-2176.	2.5	2
22	Promiscuous Binding Nature of Sh3 Domains to their Target Proteins. Protein and Peptide Letters, 2002, 9, 185-193.	0.9	35
23	Functional evolution of two subtly different (similar) folds. , 2001, 1, 5.		37
24	COVID-19 pandemic: Understanding the emergence, pathogenesis and containment (Review). World Academy of Sciences Journal, 0, , .	0.6	3