

# Cytochrome P450 Structure, Function and Clinical Significance

Current Drug Targets

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Sequestration of polyunsaturated fatty acids in membrane phospholipids of <i>Caenorhabditis elegans</i> dauer larva attenuates eicosanoid biosynthesis for prolonged survival. <i>Redox Biology</i> , 2017, 12, 967-977.	3.9	42
2	2,3,4,5-tetrahydroxystilbene-2-O- $\beta$ -D-glucoside exacerbates acetaminophen-induced hepatotoxicity by inducing hepatic expression of CYP2E1, CYP3A4 and CYP1A2. <i>Scientific Reports</i> , 2017, 7, 16511.	1.6	33
3	The Double-Edged Sword Profile of Redox Signaling: Oxidative Events As Molecular Switches in the Balance between Cell Physiology and Cancer. <i>Chemical Research in Toxicology</i> , 2018, 31, 201-210.	1.7	56
4	Transcriptome analysis of the response of silkworm to drastic changes in ambient temperature. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 10161-10170.	1.7	23
5	Hydroalcoholic Extract and Ethyl Acetate Fraction of <i>Bixa orellana</i> Leaves Decrease the Inflammatory Response to <i>Mycobacterium abscessus</i> Subsp. <i>massiliense</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-12.	0.5	5
6	Aflatoxin B1 metabolism: Regulation by phase I and II metabolizing enzymes and chemoprotective agents. <i>Mutation Research - Reviews in Mutation Research</i> , 2018, 778, 79-89.	2.4	127
7	In vitrometabolic mapping of neobavaisoflavone in human cytochromes P450 and UDP-glucuronosyltransferase enzymes by ultra high-performance liquid chromatography coupled with quadrupole time-of-flight tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 158, 351-360.	1.4	10
8	Hydrogen Peroxide and Metalloporphyrins in Oxidation Catalysis: Old Dogs with Some New Tricks. <i>ChemCatChem</i> , 2018, 10, 3615-3635.	1.8	42
10	Semiconducting Polymer Nanobiocatalysts for Photoactivation of Intracellular Redox Reactions. <i>Angewandte Chemie</i> , 2018, 130, 13672-13676.	1.6	7
11	Semiconducting Polymer Nanobiocatalysts for Photoactivation of Intracellular Redox Reactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13484-13488.	7.2	32
12	Regulation of cytochrome P450 gene expression by ketamine: a review. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2018, 14, 709-720.	1.5	9
13	Application of pharmacogenetics in clinical practice: problems and solutions. <i>Journal of Neural Transmission</i> , 2019, 126, 109-113.	1.4	3
14	A cytochrome P450 from the mustard leaf beetles hydroxylates geraniol, a key step in iridoid biosynthesis. <i>Insect Biochemistry and Molecular Biology</i> , 2019, 113, 103212.	1.2	11
15	Transcriptome-Based Identification and Molecular Evolution of the Cytochrome P450 Genes and Expression Profiling under Dimethoate Treatment in Amur Stickleback ( <i>Pungitius sinensis</i> ). <i>Animals</i> , 2019, 9, 873.	1.0	6
16	Nutraceuticals™ Novel Formulations: The Good, the Bad, the Unknown and Patents Involved. <i>Recent Patents on Drug Delivery and Formulation</i> , 2019, 13, 105-156.	2.1	83
17	Biochemical studies of adiponectin gene polymorphism in patients with obesity in Egyptians. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 43-50.	1.0	6
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