

D Fernando Estrada

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

312
citations

1163117
8
h-index

1281871
11
g-index

13
all docs

13
docs citations

13
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of a Cleavable Fusion of Human CYP24A1 with Adrenodoxin Reveals the Variable Role of Hydrophobics in Redox Partner Binding. <i>Biochemistry</i> , 2022, 61, 57-66.	2.5	4
2	Crystal Structures of Drug-Metabolizing CYPs. <i>Methods in Molecular Biology</i> , 2021, 2342, 171-192.	0.9	0
3	Surface hydrophobics mediate functional dimerization of CYP121A1 of <i>Mycobacterium tuberculosis</i> . <i>Scientific Reports</i> , 2021, 11, 394.	3.3	7
4	19F-NMR reveals substrate specificity of CYP121A1 in <i>Mycobacterium tuberculosis</i> . <i>Journal of Biological Chemistry</i> , 2021, 297, 101287.	3.4	8
5	Evidence of Allosteric Coupling between Substrate Binding and Adx Recognition in the Vitamin D Carbon-24 Hydroxylase CYP24A1. <i>Biochemistry</i> , 2020, 59, 1537-1548.	2.5	11
6	Specificity of the Redox Complex between Cytochrome P450 24A1 and Adrenodoxin Relies on Carbon-25 Hydroxylation of Vitamin-D Substrate. <i>Drug Metabolism and Disposition</i> , 2019, 47, 974-982.	3.3	15
7	The cytochrome P450 24A1 interaction with adrenodoxin relies on multiple recognition sites that vary among species. <i>Journal of Biological Chemistry</i> , 2018, 293, 4167-4179.	3.4	11
8	Mechanistic Insight into Species-specific Redox Partner Interactions in the Vitamin D Carbon-24 Hydroxylase CYP24A1. <i>FASEB Journal</i> , 2018, 32, 1b55.	0.5	0
9	Structural insights into the function of steroidogenic cytochrome P450 17A1. <i>Molecular and Cellular Endocrinology</i> , 2017, 441, 68-75.	3.2	27
10	Cytochrome P450 17A1 Interactions with the FMN Domain of Its Reductase as Characterized by NMR. <i>Journal of Biological Chemistry</i> , 2016, 291, 3990-4003.	3.4	42
11	The Role of Protein-Protein and Protein-Membrane Interactions on P450 Function. <i>Drug Metabolism and Disposition</i> , 2016, 44, 576-590.	3.3	39
12	Human Cytochrome P450 17A1 Conformational Selection. <i>Journal of Biological Chemistry</i> , 2014, 289, 14310-14320.	3.4	63
13	Substrate-modulated Cytochrome P450 17A1 and Cytochrome b5 Interactions Revealed by NMR. <i>Journal of Biological Chemistry</i> , 2013, 288, 17008-17018.	3.4	85