

# D Fernando Estrada

## List of Publications by Year in descending order

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