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Exploring deazaflavoenzymes as biocatalysts

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List of publications

Kumar H, Fraaije MW (2017) Conversion of Furans by Baeyer-Villiger Monooxygenases. *Catalysts* 7:179.

Kumar H*, Nguyen Q-T*, Binda C, Mattevi A, Fraaije MW (2017) Isolation and characterization of a thermostable F₄₂₀:NADPH oxidoreductase from *Thermobifida fusca*. *J Biol Chem* 292(24):10123–10130.

Mathew S*, Trajkovic M*, **Kumar H**, Nguyen Q-T, Fraaije MW (2018) Enantio- and regioselective *ene* -reductions using F₄₂₀ H₂-dependent enzymes. *Chem Commun.* 54:11208–11211.

Mascotti LM*, **Kumar H***, Nguyen Q-T, Ayub MJ, Fraaije MW (2018) Reconstructing the evolutionary history of F₄₂₀-dependent dehydrogenases *Nat. Sci. Rep.* Manuscript accepted.

*Equally contributed

