

2004

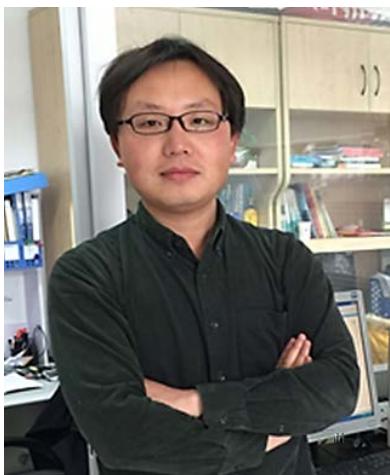
2010

2014

Nat Chem

Biol Angew Chem ACS Catalysis

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Science

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Inside-out

Rosetta

1. Li RF, Wijma HJ, Song L, Cui YL, Otzen M, Tian YE, Du JW, Li T, Niu DD, Chen YC, Feng J, Han J, Chen H, Tao Y, Janssen DB*, Wu B*, Computational redesign of enzymes for regio- and enantioselective hydroamination, **Nat. Chem. Biol.** 2018, 14, 664-670.
2. Wu B*, Wijma HJ, Song L, Rozeboom HJ, Poloni C, Tian YE, Arif MI, Nuijens T, Quaedflieg PJ, Szymanski W, Feringa BL, Janssen DB*, Versatile peptide C-terminal functionalization via a computationally engineered peptide amidase, **ACS.Catal.** 2016, 5405-5414.
3. Bu YF, Cui YL, Peng Y, Hu MR, Tian Y'E, Tao Y, Wu B*, Engineering improved thermostability of the GH11 Xylanase from *Neocallimastix patriciarum* via computational library design, **Appl. Microbiol. Biotech.** 2018, 102, 3675-3685.
4. Q Mu, Cui YL, Tian Y, Hu M, Tao Y, Wu B*, Thermostability improvement of the glucose oxidase from *Aspergillus niger* for efficient gluconic acid production via computational design, **Int. J. Biol. Macromol.** 2019, 136, 1060-1068