

# *Ionizable side chains at catalytic active sites of enzymes*

**David Jimenez-Morales, Jie Liang & Bob Eisenberg**

**European Biophysics Journal**  
with Biophysics Letters

ISSN 0175-7571  
Volume 41  
Number 5

Eur Biophys J (2012) 41:449–460  
DOI 10.1007/s00249-012-0798-4



 Springer