

List of publications

(updated January 2014)

1. **Banci L, Bertini I, Cefaro C, Ciofi-Baffoni S, Gajda K, Felli IC, Gallo A, Pavelkova A, Kallergi E, Andreadaki M, Katrakili N, Pozidis C and Tokatlidis K.** An intrinsically disordered domain has a dual function coupled to compartment-dependent redox control. *J Mol Biol* 425: 594-608, **2013**.(IF 4.008)
2. **Banci L, Ciofi-Baffoni S, Mikolajczyk M, Winkelmann J, Bill E and Eirini Pandelia M.** Human anamorsin binds (2Fe.2S) clusters with unique electronic properties. *J Biol Inorg Chem* Epub ahead of print: **2013**.(IF 3.353)
3. **Banci L, Barbieri L, Bertini I, Luchinat E, Secci E, Zhao Y and Aricescu AR.** Atomic-resolution monitoring of protein maturation in live human cells by NMR. *Nat Chem Biol* 9: 297-299, **2013**.(IF 14.690)
4. **Banci L, Bertini I, Calderone V, Ciofi-Baffoni S, Giachetti A, Jaiswal D, Mikolajczyk M, Piccioli M and Winkelmann J.** Molecular view of an electron transfer process essential for iron-sulfur protein biogenesis. *Proc Natl Acad Sci U S A* 110: 7136-7141, **2013**.(IF 9.771)
5. **Banci L, Barbieri L, Luchinat E and Secci E.** Visualization of redox-controlled protein fold in living cells. *Chem Biol* 20: 747-752, **2013**.(IF 5.829)
6. **Banci L and Bertini I.** Metallomics and the cell: some definitions and general comments. 2013, p. 1-13.

7. **Banci L, Cantini F, Kozyreva T and Rubino JT.** Mechanistic aspects of hSOD1 maturation from the solution structure of Cu1-loaded hCCS domain 1 and analysis of disulfide-free hSOD1 mutants. *ChemBioChem* 14: 1839-1844, **2013**.(IF 3.944)
8. **Veggi D, Gentile MA, Cantini F, Lo Surdo P, Nardi-Dei V, Seib KL, Pizza M, Rappuoli R, Banci L, Savino S and Scarselli M.** The Factor H Binding Protein of *Neisseria meningitidis* Interacts with Xenosiderophores in Vitro. *Biochemistry* 51: 9384-9393, **2013**.(IF 3.422)
9. **Banci L, Bertini I, Calderone V, Cefaro C, Ciofi-Baffoni S, Gallo A and Tokatlidis K.** An electron transfer path through an extended disulfide relay system: the case of the redox protein ALR. *J Am Chem Soc* 134: 1442-1445, **2012**.(IF 9.019)
10. **Banci L, Bertini I, Ciofi-Baffoni S, Jaiswal D, Neri S, Peruzzini R and Winkelmann J.** Structural characterization of CHCHD5 and CHCHD7: two atypical human twin CX(9)C proteins. *J Struct Biol* 180: 190-200, **2012**.(IF 3.406)
11. **Banci L, Bertini I, Blazevits O, Calderone V, Cantini F, Mao J, Trapananti A, Vieru M, Amori I, Cozzolino M and Carri MT.** Interaction of Cisplatin with Human Superoxide Dismutase. *J Am Chem Soc* 134: 7009-7014, **2012**.(IF 9.019)
12. **Banci L, Bertini I, Cantini F, Kozyreva T, Massagni C, Palumaa P, Rubino JT and Zovo K.** Human SOD1 maturation through interaction with human CCS. *Proc Natl Acad Sci USA* 109: 13555-13560, **2012**.(IF 9.771)
13. **Gallo A, Lo Sterzo C, Mori M, Di Matteo A, Bertini I, Banci L, Brunori M and Federici L.** Structure of nucleophosmin DNA-binding domain and analysis of its complex with a G-quadruplex sequence from the c-MYC promoter. *J Biol Chem* 287: 26539-26548, **2012**.(IF 5.328)

14. **Kallergi E, Andreadaki M, Kritsiligkou P, Katrakili N, Pozidis C, Tokatlidis K, Banci L, Bertini I, Cefaro C, Ciofi-Baffoni S, Gajda K and Peruzzini R.** Targeting and maturation of Erv1/ALR in the mitochondrial intermembrane space. *ACS Chem Biol* 7: 707-714, **2012**.(IF 5.838)

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28. **Banci L, Bertini I, McGreevy KS and Rosato A.** Molecular recognition in copper trafficking. *Nat Prod Rep* 27: 695-710, 2010.(IF 7.45)
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