

Cerm publications

(updated August 2021)

- 1) Ravera E, Gigli L, Suturina EA, Calderone V, Fragai M, Parigi G, Luchinat C, A high-resolution view of the coordination environment in a paramagnetic metalloprotein from its magnetic properties, **ANGEW CHEM INT EDIT** 2021, doi: 10.1002/anie.202101149 and 10.1002/ange.202101149, (IF 15.336)
- 2) Matteucci S, Camponeschi F, Clémancey M, Ciofi-Baffoni S, Blondin G, Banci L. In-cellulo Mössbauer and EPR studies bring new evidences to the long-standing debate on the iron-sulfur cluster binding in human anamorsin. **ANGEW CHEM INT EDIT** 2021, doi: 10.1002/anie.202102910. (IF 15.336)
- 3) Rathner P, M Fahrner, L Cerofolini, H Grabmayr, F Horvath, H Krobath, A Gupta, E Ravera, M Fragai, M Bechmann, T Renger, C Luchinat, C Romanin, and Müller, Interhelical interactions within the STIM1 CC1 domain modulate CRAC channel activation. **Nature Chemical Biology** 2021, 17, 196-204, doi.org/10.1038/s41589-020-00672-8 (IF 15.040)
- 4) Parigi G, E Ravera, M Fragai, C Luchinat Unveiling protein dynamics in solution with field-cycling NMR relaxometry, **Prog NMR spec**, 2021, 124, 85-98, doi.org/10.1016/j.pnmrs.2021.05.001, (IF 9.765)
- 5) Rizzo D, Ravera E, Fragai M, Parigi G, Luchinat C. Origin of the MRI Contrast in Natural and Hydrogel Formulation of Pineapple Juice, **Bioinorganic Chemistry and Applications**. 2021, doi.org/10.1155/2021/6666018 (IF 7.778)
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- 8) Meoni G, Ghini V, Maggi L, Vignoli A, Mazzoni A, Salvati L, Capone M, Vanni A, Tenori L, Fontanari P, Lavorini F, Peris A, Bartoloni A, Liotta F, Cosmi L, Luchinat C, Annunziato

F, Turano P. Metabolomic/lipidomic profiling of COVID-19 and individual response to tocilizumab. *PLoS Pathog.* 2021 17, doi: 10.1371/journal.ppat.1009243 e 1009243 (IF 6.823)

- 9) Romero AR, Lunev S, Popowicz GM, Gentili M, Sattler M, Plewka J, Taube M, Kozak M, Holak TA, Dömling ASS, Goves MR. A fragment-based approach identifies an allosteric pocket that impacts malate dehydrogenase activity. *Communications Biology*, 4, 2021 (IF 6.268)
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Book Chapters

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