

Main publications in the line research of lithic raw materials

- Soto, M., Gómez de Soler, B., Vallverdú, J. (2017). The chert abundance ratio (CAR): a new parameter for interpreting Palaeolithic raw material procurement. *Archaeological Anthropological Science*. <https://doi.org/10.1007/s12520-017-0516-3>
- Romagnoli, F., Gómez de Soler, B., Bargalló, A., Chacón, G., Vaquero, M. (2017). Here and now or a previously planned strategy? Rethinking the concept of ramification for micro-production in expedient contexts: Implications for Neanderthal socio-economic behaviour. *Quaternary International*. <https://doi.org/10.1016/j.quaint.2017.12.036>
- Romagnoli, F., Bargalló, A., Chacón M.G., Gómez de Soler, B., Vaquero, M. (2016). Testing a hypothesis about the importance of the quality of raw material on technological changes at Abric Romaní (Capellades, Spain): Some considerations using a high-resolution techno-economic perspective. *Journal of Lithic Studies*. **3 - 2**, <https://doi:10.2218/jls.v3i2.1443> ISSN 2055-0472
- Soto, M.; Gómez de Soler, B. (2016). The silica road: Field trip notes. *Journal of Lithic Studies*. **3 - 2**. <https://doi:10.2218/jls.v3i2.1873> ISSN 2055 0472
- Bargalló, A., Chacón, M.G., Gómez DE Soler, B., Soto, M. (2014). The role of the limestone in the Middle Palaeolithic technological behaviours through the refitting and the spatial patterning analysis: the level O of the Abric Romaní site (Capellades, Barcelona, Spain). *Debating Spatial Archaeology. Proceedings of the International Workshop of Landscape and Spatial Analysis in Archaeology*. Santander, pp.113-130.
- Soto, M., Gómez de Soler, B., Vallverdú, J., Vaquero, M. (2014). Potential siliceous sources during Prehistory: Results of prospecting in the East margin of the Ebro Basin (NE Iberian Peninsula). *Journal of Lithic Studies*, vol. **1**, num. **1**, pp. 293-318. <http://dx.doi.org/10.2218/jls.v1i1>
- Chacón, M.G., Bargalló, A., Gómez DE Soler, B., Picin, A., Vaquero, M., Carbonell, E. (2013). Continuity Or Discontinuity Of Neanderthal technological Behaviours During Mis 3: Level M And Level O Of The Abric Romaní Site (Capellades, Spain). In *Pleistocene foragers on the Iberian Peninsula: their cultures and environment. Festschrift in honour of Gerd-Christian Wenger for his sixtieth birthday*. Edited by Andreas Pastoors & Bärbel Auffermann. Wissenschaftliche Schriften des Neanderthal Museums 7. Mettmann, pp. 55-84.
- García Catalán, S., Gómez DE Soler, B., Soto quesada, M., Vaquero rodríguez, M. (2013). Los sistemas de producción lítica en el Paleolítico Superior final: el caso del nivel Asup del Molí del Salt (Vimbodí i Poblet, Tarragona). *Zephyrus* **LXXII**, 39-58, ISSN: 0514-7336.
- Soto, M., Gómez de Soler, B., Vallverdú, J., Vaquero, M. (2013). Aplicación experimental de sistemas de información geográficos a la prospección y análisis de áreas de captación de rocas silíceas en la prehistoria. El caso práctico del Abric romaní y el Molí del Salt. En *Experimentación en Arqueología. Estudio y difusión del pasado, Sèrie Monogràfica del MAC*. Ed. A. Palomo, R. Piqué & X. Terrades. Pp. 501-508 Girona. ISBN: 978-84-393-9024-4
- Vaquero, M., Alonso, S., García-Catalán, S., García-Hernández, A., Gómez DE Soler, B., Rettig, D., Soto, M. (2012), Temporal nature and recycling of Upper Paleolithic artifacts: the burned tools from the Molí del Salt site (Vimbodí i Poblet, northeastern Spain). *Journal of Archaeological Science*, **39(8)**, 2785- 2796. <https://doi:10.1016/j.jas.2012.04.024>

VAQUERO, M., CHACÓN, M.G., GARCÍA-ANTÓN, M.D., GÓMEZ DE SOLER, B., MARTÍNEZ, K., CUARTERO, F. (2012). Time and space in the formation of lithic assemblages: The example of Abric Romaní Level J, *Quaternary International*, nº247, pp. 162-181.

<https://doi:10.1016/j.quaint.2010.12.015>

Vallverdú, J., Alonso, S., Bargalló, A., Bartolí, R., Campeny, G., Carrancho, Á., Expósito, I., Fontanals, M., Gabucio, J., Gómez de Soler, B., Prats, J.M., Sañudo, P., Solé, À., Vilalta, J., Carbonell, E. (2012). Combustion structures of archaeological level O and mustertian activity areas with use of fire at the Abric Romaní rockshelter (NE Iberian Peninsula), *Quaternary International*, nº247, pp. 313-324. <https://doi:10.1016/j.quaint.2010.12.012>

Vallverdú, J., Gómez de Soler, B., Vaquero, M., Bishoff, J. L. (2012). "The Abric Romaní Site and the Capellades Region" In High Resolution Archaeology and Neandertal Behavior: Time and Space In Level J of Abric Romaní (Capellades, Spain), edited by Eudald Carbonell, 1-29.

Dordrecht: Vertebrate Paleobiology and Paleoanthropology Book Series. Springer.

<https://doi:10.1007/978-94-007-3922-2>

Vaquero, M., Chacón, M.A., Cuartero, F., García-Antón, M.D., Gómez DE Soler, B. & Martínez, K. (2012). "The lithic assemblage of level J." In High Resolution Archaeology and Neandertal Behavior: Time and Space In Level J of Abric Romaní (Capellades, Spain), edited by Eudald Carbonell, 189-311. Dordrecht: Vertebrate Paleobiology and Paleoanthropology Book Series.

Springer. <https://doi:10.1007/978-94-007-3922-2>

Gómez de Soler, B. (2009). Àrees de captació, tecnologia lítica i estratègies d'aprovisionament de roques silícies en el nivell L de l'Abric Romaní (Capellades, Barcelona). *Quadern de Prehistòria Catalana*, nº17. Giorna, pp 11-56.