

CV date	08/05/2020
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Part A. PERSONAL INFORMATION

First and Family name	Xavier Terradas		
Passport, ID number	40308380Y	Age	54
Researcher codes	WoS Researcher ID (*)	H-7968-2015	
	SCOPUS Author ID (*)	26323904900	
	Open Researcher and Contributor ID (ORCID) **	0000-0002-8000-5607	

(*) At least one of these is mandatory (**) Mandatory

A.1. Current position

Name of Institution	Consejo Superior de Investigaciones Científicas (CSIC)		
Department	Milá y Fontanals Institute (IMF). Archaeology and Anthropology		
Address and Country	Egipcíaques, 15. 08001 Barcelona		
Phone number	93 4426576	E-mail	terradas@imf.csic.es
Current position	CSIC Researcher	From	09/06/2009
Key words	Archaeology; Prehistory; Neolithic; Technology; Artefacts; Archaeometry		

A.2. Education

Degree / Master / PhD	University	Year
Bachelor's Degree (History)	Universitat Autònoma de Barcelona	1988
Master (Theory and Method in Archaeology)	Universitat Autònoma de Barcelona	1993
PhD (Prehistoric Archaeology)	Universitat Autònoma de Barcelona	1996

A.3. JCR articles, h Index, thesis supervised...

4 positively evaluated cycles of research activity (1991-1996, 1997-2002, 2003-2008 and 2009-2014) by the National Evaluating Commission of the Research Activity (CNEAI), from the Spanish Ministry of Science, Innovation and Universities. Next application (2015-2020): December 2020.

PhD Supervisor of Millán Mozota (Universidad de Cantabria. Santander, 15/10/2012): *The bone as raw material: Bone tools in the Last Mousterian in the Central Sector of the North of Iberia* (in Spanish), plus another three in progress (Vasiliki Andreaki, Arnau Minguell and Eva Ros, all of them in the Universitat Autònoma de Barcelona).

I have acted as Supervisor in 8 Master's Thesis (6 in the Universitat Autònoma de Barcelona, 1 in the Universidad del País Vasco, 1 in the Universidad Nacional Autónoma de México) plus another one in progress (Universidade Federal de Sergipe, Brasil), and in 2 Senior Thesis (Universitat Autònoma de Barcelona).

	Total	Since 2015
Citations	2.089	1.101
h index	24	17
i10 index	72	37

Citation index: **Google Scholar** [21/04/2020]

Scopus h-index: 11 [08/05/2020]

Part B. CV SUMMARY (max. 3500 characters, including spaces)

B.1. Training and professional experience

1991-1994. Predoctoral Research Grant (Government of Catalonia) applied in the Consejo Superior de Investigaciones Científicas (IMF Institute, Barcelona).

1993. Master on 'Theory and Method in Archaeology'. Universitat Autònoma de Barcelona.

1996. PhD on Prehistoric Archaeology. Universitat Autònoma de Barcelona.

1996-1997. Postdoctoral Grant (Spanish Ministry of Education and Science) applied in the Centre National de la Recherche Scientifique (CNRS – ERA 28 'Préhistoire et Technologie') in Paris.



1999-2002. Contract Scientist (Spanish Ministry of Science and Technology) applied in the Universitat Autònoma de Barcelona (Department of Prehistory).

2002-2008. Tenured Scientist, Consejo Superior de Investigaciones Científicas (IMF Institute, Barcelona).

2008-2009. Head of the Department of Archaeology and Anthropology (CSIC-IMF, Barcelona).

2009-up to the present. Researcher, Consejo Superior de Investigaciones Científicas (IMF Institute, Barcelona).

2010-2013. Head of the Unit 'Stability and change in human societies: past, present and future' (CSIC-IMF, Barcelona).

B.2. Areas of Expertise

Archaeology of last hunter-gatherer groups and first farming communities; Study of their characteristic economic and social processes as well as their dynamics of change.

Mineral resources management by prehistoric societies; Autochthonous productions, lithic raw material sourcing, processing and distribution throughout the Western Mediterranean.

Siliceous rocks availability, raw materials characterization and quarrying activities within the framework of the LITocat project, targeted on the constitution of a lithotheca of siliceous rocks in north-eastern Iberia.

Technological development and variability by means of the study of the technical procedures involved in the stone tools production throughout Prehistory.

Part C. RELEVANT MERITS

C.1.1. Publications: Books and Special Issues on Journals

Gibaja, J.F.; Mazzucco, N.; Ibáñez, J.J. & TERRADAS, X (eds.) 2018: ***The Neolithic expansion in the Western Mediterranean: understanding a global phenomenon from regional perspectives***. Special issue on Quaternary International, vol 470 part B.

Pereira, T.; TERRADAS, X. & Bicho, N.F. (eds.) 2017: ***Raw materials exploitation in Prehistory: sourcing, processing and distribution***. Cambridge Scholars Publishing.

Tarriño, A.; Morgado, A. & TERRADAS, X. (eds.) 2016: ***Geoarqueología del sílex en la Península Ibérica***. Universidad de Granada (Cuadernos de Prehistoria y Arqueología, 26).

Palomo, A.; Piqué, R. & TERRADAS, X. (eds.) 2013: ***Experimentación en Arqueología. Estudio y difusión del pasado***. Museu d'Arqueologia de Catalunya (Sèrie monogràfica 25, 2 vols.), Barcelona

Bosch, A.; Buxó, R.; Chinchilla, J.; Palomo, A.; Piqué, R.; Saña, M.; Tarrús, J. & TERRADAS, X. 2011: ***El jaciment neolític lacustre de La Draga***. Ajuntament Banyoles (Quaderns de Banyoles 13), Banyoles.

Capote, M.; Consuegra, S.; Díaz-del-Río, P. & TERRADAS, X. (eds.) 2011: ***Proceedings of the 2nd International Conference of the UISPP Commission on Flint Mining in Pre- and Protohistoric Times***. Archaeopress (British Archaeological Reports –international series- 2260), Oxford.

Gibaja, J.F.; TERRADAS, X.; Palomo, X. & Clop, X. (eds.) 2010: ***Les grans fulles de sílex. Europa al final de la Prehistòria***. Museu d'Arqueologia de Catalunya (Monografies 13), Barcelona.

Cazals, N.; González, J.E. & TERRADAS, S. (eds.) 2007: ***Frontières naturelles et frontières culturelles dans les Pyrénées préhistoriques***. Universidad de Cantabria (Monografías del Instituto Internacional de Investigaciones Prehistóricas de Cantabria 2), Santander.

TERRADAS, X. (ed.) 2005: ***Lithic Toolkits in Ethnoarchaeological Contexts***. Archaeopress (British Archaeological Reports –international series- 1370), Oxford.

TERRADAS, X. 2001: ***La gestión de los recursos minerales en las sociedades cazadoras-recolectoras***. Consejo Superior de Investigaciones Científicas (Treballs d'Etnoarqueologia, 4), Madrid.

Bernabeu, J.; Orozco, T. & TERRADAS, X. (eds.) 1998: ***Recursos abiòtics en la Prehistoria: caracterización, explotació e intercanvi***. Universitat de València.

Bosch, J.; TERRADAS, X. & Orozco, T. (eds.) 1998: ***Actes de la Reunió de treball sobre proveïment de recursos lítics a la Prehistòria***. Museu de Gavà (Rubricatum 2), Barcelona y Gavà.



TERRADAS, X. 1995: *Las estrategias de gestión de los recursos líticos del Prepirineo catalán durante el IXº milenio BP: el asentamiento prehistórico de la Font del Ros (Berga, Barcelona)*. Universitat Autònoma de Barcelona (Treballs d'Arqueologia 3), Bellaterra.

Mora, R.; TERRADAS, X.; Parpal, A. & Plana, C. (eds.) 1992: *Tecnología y cadenas operativas líticas*. Universitat Autònoma de Barcelona (Treballs d'Arqueologia 1), Bellaterra.

C.1.2. Publications: Selection of Papers in International peer-reviewed Journals (last 5 years)

Piqué, R.; Revelles, J.; Berihuete-Azorín, M.; Girbal, J.M.; Palomo, A. & TERRADAS, X. 2020. Use of fungi for tinder at the Early Neolithic settlement of La Draga (NE Iberia). *Quaternary International*, 541: 152-161 [DOI 10.1016/j.quaint.2019.12.002]

Borrell, F.; Bosch, J.; Gibaja, J.F.; Schmidt, P. & TERRADAS, X. 2019. The status of imported Barremian-Bedoulian flint in north-eastern Iberia during the Middle Neolithic. Insights from the variscite mines of Gavà (Barcelona). *PLoS ONE* 14 (11): e0224238 [DOI 10.1371/journal.pone.0224238]

Verdún-Castelló, E.; Palomo, A.; Piqué, R.; Saña, M. & TERRADAS, X. 2019. The consumption of molluscs in the first farming societies: the Neolithic settlement of La Draga (NE of Iberian Peninsula). *Archaeological and Anthropological Sciences*, 11: 69-86 [DOI 10.1007/s12520-017-0532-3]

Berihuete, M.; Girbal, J.; Piqué, R.; Palomo, A. & TERRADAS, X. 2018. Punk's not dead. Fungi for tinder at the Neolithic site of La Draga (NE Iberia). *PLoS ONE* 13 (4): e0195846 [DOI 10.1371/journal.pone.0195846]

Gibaja, J.F.; Morell, B. & TERRADAS, X. 2018. Approaching subsistence activities in the Mesolithic by means of lithic tools: The case of El Collado site (Oliva, Eastern Iberia). *Journal of Archaeological Science: Reports* 18: 1026-1035 [DOI 10.1016/j.jasrep.2017.11.020]

Gibaja, J.F.; Ibáñez, J.J.; Mazzucco, N. & TERRADAS, X. 2018. The Neolithic expansion in the Western Mediterranean: understanding a global phenomenon from regional perspectives. *Quaternary International* 470: 207-210 [DOI 10.1016/j.quaint.2018.04.006]

Oms, F.X.; TERRADAS, X.; Morell, B. & Gibaja, J.F. 2018. Mesolithic-Neolithic transition in the northeast of Iberia: Chronology and socioeconomic dynamics. *Quaternary International* 470, 383-397 [DOI 10.1016/j.quaint.2017.06.003]

Piqué, R.; Romero, S.; Palomo, A.; Tarrús, J.; TERRADAS, X.; Bogdanovic, I. 2018. The production and use of cordage at the early Neolithic site of La Draga (Banyoles, Spain). *Quaternary International* 468: 262-270 [DOI 10.1016/j.quaint.2016.05.024]

Ortega, D.; Roqué, C.; Ibáñez, J.; Beamud, E.; Larrasoaña, J.C.; Sáez, A.; TERRADAS, X. 2017. The chert from the Castelltallat Formation (South-Central Pyrenees): archaeometric characterization and archaeological implications. *Archaeological and Anthropological Sciences*, 10: 1329-1346 [DOI 10.1007/s12520-016-0458-1]

Revelles, J.; Burjachs, F.; Palomo, A.; Piqué, R.; Iriarte, E.; Pérez-Obiol, R. & TERRADAS, X. 2018. Human-environment interaction during the Mesolithic- Neolithic transition in the NE Iberian Peninsula. Vegetation history, climate change and human impact during the Early-Middle Holocene in the Eastern Pre-Pyrenees. *Quaternary Science Reviews* 184: 183-200 [DOI 10.1016/j.quascirev.2017.08.025]

Wagner, S.; Lagane, F.; Seguin-Orlando, A.; (...) TERRADAS, X.; (...) & Orlando, L. 2018. High-Throughput DNA sequencing of ancient wood. *Molecular Ecology*, 27 (5): 1138-1154 [DOI: 10.1111/mec.14514]

Revelles, J.; Burjachs, F.; Morera, N.; Barceló, J.A.; Berrocal, A.; López-Bultó, O.; Maicher, C.; Le Bailly, M.; Piqué, R.; Palomo, A. & TERRADAS, X. 2017. Use of space and site formation processes in a Neolithic lakeside settlement. Pollen and non-pollen palynomorphs spatial analysis in La Draga (Banyoles, NE Iberia). *Journal of Archaeological Science* 81: 101-115 [DOI 10.1016/j.jas.2017.04.001]

TERRADAS, X. & Ortega, D. 2017. Flint quarrying in north-eastern Iberia: quarry sites and the initial transformation of raw material. *Antiquity* 91 (359) [DOI: 10.15184/aqy.2017.167]

Remolins, G.; Gibaja, J.F.; Allié, F.; Fontanals, M.; Martín, P.; Masclans, A.; Mazzucco, N.; Mozota, M.; Oliva, M.; Oms, X.; TERRADAS, X., Subirà, M.E. & Llovera, X. 2016. The Neolithic necropolis of La



Feixa del Moro (Juberri, Andorra): New data on the first farming communities in the Pyrenees. **Comptes Rendus Palevol** 15 (5): 537-554 [DOI 10.1016/j.crpv.2015.11.005]

Pereira, T.; Bicho, N.; Cascalheira, J.; Infantini, L.; Marreiros, J.; Paixão, E. & TERRADAS, X. 2016. Territory and abiotic resources between 33 and 15.6 ka at Vale Boi (SW Portugal). **Quaternary international** 412, 124-134 [DOI 10.1016/j.quaint.2015.08.071]

Balbo, A.L.; Cabanes, D.; García-Granero, J.J.; Bonet, A.; Ajithprasad, P. & TERRADAS, X. 2015. A microarchaeological approach for the study of pits. **Environmental Archaeology**, 20 (4): 390-405 [DOI 10.1179/1749631414Y.0000000044]

Gibaja, J.F.; Subirà, M.E.; TERRADAS, X.; Santos, F.J.; Agulló, L.; Gómez-Martínez, I.; Alliése, F. & Fernández-López De Pablo, J. 2015. The Emergence of Mesolithic Cemeteries in SW Europe: Insights from the El Collado (Oliva, Valencia, Spain) Radiocarbon Record. **PLoS ONE** 10 (1): e0115505 [DOI:10.1371/journal.pone.0115505]

Revelles, J.; Cho, S.; Iriarte, E.; Burjachs, F.; Van Geel, B.; Palomo, A.; Piqué, R.; Peña-Chocarro, L. & TERRADAS, X. 2015. Mid-Holocene vegetation history and Neolithic land-use in the Lake Banyoles area (Girona, Spain). **Palaeogeography, Palaeoclimatology, Palaeoecology** 435: 70-85 [DOI 10.1016/j.palaeo.2015.06.002]

Piqué, R.; Palomo, A.; TERRADAS, X.; Tarrús, J.; Buxó, R.; Bosch, A.; Chinchilla, J.; Bodganovic, I. & Saña, M. 2015. Characterizing prehistoric archery: technical and functional analyses of the Neolithic bows from la Draga (NE Iberian Peninsula). **Journal of Archaeological Science** 55, 166–173 [DOI 10.1016/j.jas.2015.01.005]

C.2. Research Funded Projects (as Principal Investigator)

'Flint quarrying activities in NE Iberian: the prehistoric quarries at Serra Llarga Hills' (2018-2021), funded by the Government of Catalonia (Department of Culture; ref. CLT009/18/00042).

'Productions, technical variability and technological innovation in the Neolithic' (2017-2019), funded by the Spanish Ministry of Economy, Industry and Competitiveness (Secretaría de Estado de Universidades e Investigación; (ref. HAR2016-76534-C2-2-R).

'Prehistoric uses of flint in NE Iberia: Quarrying and first transformation of raw materials' (2014-2017), funded by the Government of Catalonia (Department of Culture; ref. 2014/100778).

'Social organization of first farming communities based on the domestic space: structural elements and areas of production and consumption of goods' (2013-2015), funded by the Spanish Ministry of Economy and Competitiveness (Secretaría de Estado de Universidades e Investigación; ref. HAR2012-38838-C02-01).

'Lakeshore occupations and resource management among first farming communities from Northeastern Iberia: Technology of material productions and tool uses' (2010-2012), funded by the Spanish Ministry of Science and Innovation (Secretaría de Estado de Universidades e Investigación; ref. HAR2009-13494-C02-01).

'Prehistoric management of mineral resources in the SouthWest Iberia: methodological inferences and historical interpretation' (2008-2009). Spanish (CSIC) – Portugal (FCT) Project of Bilateral Cooperation funded by the Consejo Superior de Investigaciones Científicas and the Fundação para a Ciência e a Tecnologia (ref. 2007PT0001).

'Setting the goals of prehistoric mining exploitation from the study of lithic production waste' (2006-2008), funded by the Spanish Ministry of Education and Science (Secretaría de Estado de Universidades e Investigación; ref. HUM2005-05732-C02-02).

'LITOCat project: Creation of a reference collection of siliceous rocks from NE Iberia' (2006 to date), funded by the Consejo Superior de Investigaciones Científicas, Spanish Ministry of Economy and Competitiveness and the Government of Catalonia.

'Availability of siliceous rocks devoted to the production of stone tools in Prehistory' (2003-2004). Thematic Network funded by the Government of Catalonia (Departament d'Universitats, Recerca i Societat de la Informació; ref. 2002/XT/00112).