Cristina Maria Barrocas Dias

List of Publications by Year
in descending order

62 papers	1,304 citations	361045 20 h-index	377514 34 g-index
62 all docs	62 docs citations	62 times ranked	1848 citing authors

#	Article	IF	Citations
1	Spatial and Temporal Distribution of the Multi-element Signatures of the Estuarine Non-indigenous Bivalve Ruditapes philippinarum. Biological Trace Element Research, 2022, 200, 385-401.	1.9	5
2	Formulation of goatâ€™s milk yogurt with fig powder: Aromatic profile, physicochemical and microbiological characteristics. Food Science and Technology International, 2021, 27, 712-725.	1.1	3
3	The Wooden Roof Framing Elements, Furniture and Furnishing of the Etruscan Domus of the Dolia of Vetulonia (Southern Tuscany, Italy). Heritage, 2021, 4, 1938-1961.	0.9	1
4	Comparative Study of the Antioxidant and Enzyme Inhibitory Activities of Two Types of Moroccan Euphorbia Entire Honey and Their Phenolic Extracts. Foods, 2021, 10, 1909.	1.9	15
5	A Multi-Analytical Study of Egyptian Funerary Artifacts from Three Portuguese Museum Collections. Heritage, 2021, 4, 2973-2995.	0.9	0
6	Effect of different healing stages on stable isotope ratios in skeletal lesions. American Journal of Physical Anthropology, 2020, 171, 285-297.	2.1	7
7	Pyrolysis-compound-specific hydrogen isotope analysis (Î´2H Py-CSIA) of Mediterranean olive oils. Food Control, 2020, 110, 107023.	2.8	12
8	Bone stable isotope data of the Late Roman population (4thâ€“7th centuries CE) from Mondragones (Granada): A dietary reconstruction in a Roman villa context of south-eastern Spain. Journal of Archaeological Science: Reports, 2020, 33, 102566.	0.2	3
9	Combination of Stable Isotope Analysis and Chemometrics to Discriminate Geoclimatically and Temporally the Virgin Olive Oils from Three Mediterranean Countries. Foods, 2020, 9, 1855.	1.9	13
10	Stucco Marble in the Portuguese Architecture: Multi-analytical Characterisation. International Journal of Architectural Heritage, 2020, 14, 977-993.	1.7	6
11	Transporting Olive Oil in Roman Times: Chromatographic Analysis of Dressel 20 Amphorae from Pax Julia Civitas, Lusitania. Chromatographia, 2020, 83, 1055-1064.	0.7	7
12	Diet and mobility during the Christian conquest of Iberia: The multi-isotopic investigation of a 12thâ€“13th century military order in Ã‰vora, Portugal. Journal of Archaeological Science: Reports, 2020, 30, 102210.	0.2	6
13	Multivariate geostatistical analysis of stable isotopes in Portuguese varietal extra virgin olive oils. Microchemical Journal, 2020, 157, 105044.	2.3	6
14	Testing LA-ICP-MS analysis of archaeological bones with different diagenetic histories for paleodiet prospect. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 534, 109287.	1.0	11
15	Unveiling the underprintings of a late-fifteenth-early-sixteenth century illuminated French incunabulum by infrared reflectography. Journal of Cultural Heritage, 2019, 40, 34-42.	1.5	8
16	Magnetite nanoparticles functionalized with propolis against methicillin resistant strains ofÂStaphylococcus aureus. Journal of the Taiwan Institute of Chemical Engineers, 2019, 102, 25-33.	2.7	13
17	The National Museum of Colombiaâ€™s â€œFrancisco Pizarroâ€™s Banner of Armsâ€: A multianalytical approach to help uncovering its history. European Physical Journal Plus, 2019, 134, 1.	1.2	2
18	Diet and disease in Tomar, Portugal: Comparing stable carbon and nitrogen isotope ratios between skeletons with and without signs of infectious disease. Journal of Archaeological Science, 2019, 105, 59-69.	1.2	13

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19	Did military orders influence the general population diet? Stable isotope analysis from Medieval Tomar, Portugal. Archaeological and Anthropological Sciences, 2019, 11, 3797-3809.	0.7	11
20	On the origin of Goa Cathedral former altarpiece: Material and technical assessment to the work of Garcia Fernandes, Portuguese painter from 16th century Lisbon workshop. Microchemical Journal, 2018, 138, 226-237.	2.3	4
21	Analytical characterization of the palette and painting techniques of Jorge Afonso, the great 16th century Master of Lisbon painting workshop. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 193, 264-275.	2.0	21
22	Qualitative evaluation of fruits from different Opuntia ficusâ€indica ecotypes/cultivars harvested in South Portugal. Journal of Food Biochemistry, 2018, 42, e12652.	1.2	9
23	Multi-element composition of red, white and palhete amphora wines from Alentejo by ICPMS. Food Control, 2018, 92, 80-85.	2.8	27
24	Effect of edible coatings with essential oils on the quality of red raspberries over shelfâ€life. Journal of the Science of Food and Agriculture, 2017, 97, 929-938.	1.7	42
25	Microâ€Raman spectroscopy and complementary techniques (hXRF, VPâ€SEMâ€EDS, Î¼â€FTIR and Pyâ€GC/MS) applied to the study of beads from the Kongo Kingdom (Democratic Republic of the Congo). Journal of Raman Spectroscopy, 2017, 48, 1468-1478.	1.2	36
26	The comparative study of four Portuguese sixteenth-century illuminated Manueline Charters based on spectroscopy and chemometrics analysis. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	2
27	Preserving European paintings in Asian environment. The case of Goa Cathedral former altarpiece.. Procedia Structural Integrity, 2017, 5, 1078-1085.	0.3	1
28	Electroanalytical Study of Macluraxanthone: A Natural Product with a Strong Antioxidant and Antimalarial Activity. Electroanalysis, 2017, 29, 2062-2070.	1.5	1
29	An unusual mural paintings at the charola of the convent of tomar: Red lakes and organic binders. Color Research and Application, 2016, 41, 258-262.	0.8	4
30	Stable isotope and multi-analytical investigation of Monte da Cegonha: A Late Antiquity population in southern Portugal. Journal of Archaeological Science: Reports, 2016, 9, 728-742.	0.2	10
31	Uncover the mantle: rediscovering GregÃ³rio Lopes palette and technique with a study on the painting â€œMater Misericordiaeâ€• Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	6
32	Simplified Chinese lacquer techniques and Nanban style decoration on Luso-Asian objects from the late sixteenth or early seventeenth centuries. Studies in Conservation, 2016, 61, 68-84.	0.6	8
33	On the Use of the Unusual Green Pigment Brochantite (Cu₄(SO₄)(OH)₆) in the 16th-Century Portuguese-Flemish Paintings Attributed to The Master Frei Carlos Workshop. Microscopy and Microanalysis, 2015, 21, 518-525.	0.2	24
34	Material study of a liturgical cope from the 16th century. Microscopy and Microanalysis, 2015, , 1-3.	0.2	0
35	The Liturgical Cope of D. TeotÃ³nio of Braganza: Material Characterization of a 16th Century Pluviale. Microscopy and Microanalysis, 2015, 21, 2-14.	0.2	6
36	Material Characterization and Biodegradation Assessment of Mural Paintings: Renaissance Frescoes from Santo Aleixo Church, Southern Portugal. International Journal of Architectural Heritage, 2014, 8, 835-852.	1.7	38

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37	Unveiling the colour palette of Arraiolos carpets: Material study of carpets from the 17th to 19th century period by HPLC-DAD-MS and ICP-MS. Journal of Cultural Heritage, 2014, 15, 292-299.	1.5	22
38	Traditional dyeing â€“ an educational approach. Chemistry Education Research and Practice, 2014, 15, 610-619.	1.4	3
39	Ageing of brazilwood dye in wool â€“ a chromatographic and spectrometric study. Journal of Cultural Heritage, 2013, 14, 471-479.	1.5	14
40	A multi-analytical study of the fifteenth century mural paintings of the Batalha Monastery (Portugal) in view of their conservation. Applied Physics A: Materials Science and Processing, 2013, 113, 989-998.	1.1	7
41	Identification of Onion Dye Chromophores in the Dye Bath and Dyed Wool by HPLC-DAD: An Educational Approach. Journal of Chemical Education, 2013, 90, 1498-1500.	1.1	8
42	Phenolic and furanic compounds of Portuguese chestnut and French, American and Portuguese oak wood chips. European Food Research and Technology, 2012, 235, 457-467.	1.6	38
43	Extracting natural dyes from woolâ€"an evaluation of extraction methods. Analytical and Bioanalytical Chemistry, 2011, 400, 1501-1514.	1.9	62
44	Enlightening the influence of mordant, dyeing technique and photodegradation on the colour hue of textiles dyed with madder â€“ A chromatographic and spectrometric approach. Microchemical Journal, 2011, 98, 82-90.	2.3	46
45	Removal of pharmaceuticals in microcosm constructed wetlands using Typha spp. and LECA. Bioresource Technology, 2010, 101, 886-892.	4.8	157
46	Electrochemical Characterization and Quantification of the Strong Antioxidant and Antitumor Agent Pomiferin. Electroanalysis, 2009, 21, 2345-2353.	1.5	10
47	HPLC-DAD Quantification of Phenolic Compounds Contributing to the Antioxidant Activity ofMaclura pomifera, Ficus caricaandFicus elasticaExtracts. Analytical Letters, 2009, 42, 2986-3003.	1.0	32
48	Atenolol removal in microcosm constructed wetlands. International Journal of Environmental Analytical Chemistry, 2009, 89, 835-848.	1.8	35
49	Rediscovering the materials of Arraiolos tapestries: fibre and mordant analysis by SEM-EDS and Î¼-PIXE. Microscopy and Microanalysis, 2008, 14, 91-94.	0.2	3
50	Quantitative HPLC Analysis of Rosmarinic Acid in Extracts of Melissa officinalis and Spectrophotometric Measurement of Their Antioxidant Activities. Journal of Chemical Education, 2007, 84, 1502.	1.1	25
51	Use of solid-supported liquidâ€"liquid extraction in the analysis of polyphenols in wine. Journal of Chromatography A, 2007, 1169, 23-30.	1.8	39
52	Comparison between sample disruption methods and solidâ€"liquid extraction (SLE) to extract phenolic compounds from Ficus carica leaves. Journal of Chromatography A, 2006, 1103, 22-28.	1.8	80
53	Application of sample disruption methods in the extraction of anthocyanins from solid or semi-solid vegetable samples. Journal of Chromatography A, 2006, 1129, 14-20.	1.8	32
54	Novel methods to extract flavanones and xanthones from the root bark of Maclura pomifera. Journal of Chromatography A, 2005, 1062, 175-181.	1.8	38

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55	Characterization of prenylated xanthones and flavanones by liquid chromatography/atmospheric pressure chemical ionization mass spectrometry. , 2000, 35, 540-549.		25
56	Analysis of anthocyanins in foods by liquid chromatography, liquid chromatographyâ€“mass spectrometry and capillary electrophoresis. Journal of Chromatography A, 2000, 881, 403-410.	1.8	153
57	Comparison of methods for extraction of flavanones and xanthones from the root bark of the osage orange tree using liquid chromatography. Journal of Chromatography A, 1999, 831, 167-178.	1.8	29
58	Separation of blackcurrant anthocyanins by capillary zone electrophoresis. Journal of Chromatography A, 1998, 799, 321-327.	1.8	53
59	A perylene conductor with a gold cyanodithiocarbimate counterion: (Perylene)2Au(cdc)2. Synthetic Metals, 1993, 56, 1688-1693.	2.1	6
60	Theoretical Study on the Influence of Iron Mordant in the Optical Properties of Natural Dyes. Materials Science Forum, 0, 587-588, 608-612.	0.3	0
61	All that glitters is not gold: silver leaf gilding, another means to an end. Conservar Patrimonio, 0, 22, 29-40.	0.5	4
62	Unveiling the mural painting art of Almada Negreiros at the Maritime Stations of AlcÃ¢ntara (Lisbon): diagnosis research of paint layers as a guide for its future conservation. Ge-Conservacion, 0, 20, 105-117.	0.1	2