Cristina Talavera

List of Publications by Year
in descending order

37 papers	1,333 citations	361413 20 h-index	345221 36 g-index
38 all docs	38 docs citations	38 times ranked	1205 citing authors

#	Article	IF	Citations
1	Zircon Inheritance Reveals Exceptionally Fast Crustal Magma Generation Processes in Central Iberia during the Cambro-Ordovician. Journal of Petrology, 2007, 48, 2327-2339.	2.8	150
2	Progressive environmental deterioration in northwestern Pangea leading to the latest Permian extinction. Bulletin of the Geological Society of America, 2015, 127, 1331-1347.	3.3	98
3	Ediacaran to Lower Ordovician age for rocks ascribed to the Schistâ€“Graywacke Complex (Iberian) Tj ETQq1 1 0.784314 rgBT /Overlock 22, 928-942.	6.0	87
4	The palaeogeographic position of Central Iberia in Gondwana during the Ordovician: evidence from zircon chronology and Nd isotopes. Terra Nova, 2010, 22, 341-346.	2.1	83
5	Zircon ages of the metavolcanic rocks and metagranites of the Ollo de Sapo Domain in central Spain: implications for the Neoproterozoic to Early Palaeozoic evolution of Iberia. Geological Magazine, 2007, 144, 963-976.	1.5	82
6	A terrestrial perspective on usingex situshocked zircons to date lunar impacts. Geology, 2015, 43, 999-1002.	4.4	80
7	Zircon Geochronology of the Ollo de Sapo Formation and the Age of the Cambro-Ordovician Rifting in Iberia. Journal of Geology, 2009, 117, 174-191.	1.4	79
8	Zircon thermometry and Uâ€“Pb ion-microprobe dating of the gabbros and associated migmatites of the Variscan Toledo Anatectic Complex, Central Iberia. Journal of the Geological Society, 2006, 163, 847-855.	2.1	67
9	The enigma of crustal zircons in upper-mantle rocks: Clues from the Tumut ophiolite, southeast Australia. Geology, 2015, 43, 119-122.	4.4	60
10	Uâ€“Pb Zircon geochronology of the Cambro-Ordovician metagranites and metavolcanic rocks of central and NW Iberia. International Journal of Earth Sciences, 2013, 102, 1-23.	1.8	59
11	The â^¼844Ma Moneiga quartz-diorites of the Sinai, Egypt: Evidence for Andean-type arc or rift-related magmatism in the Arabian-Nubian Shield?. Precambrian Research, 2009, 175, 161-168.	2.7	47
12	SHRIMP Uâ€“Pb zircon dating of the Katerina Ring Complex: Insights into the temporal sequence of Ediacaran calc-alkaline to peralkaline magmatism in southern Sinai, Egypt. Gondwana Research, 2012, 21, 887-900.	6.0	44
13	SHRIMP dating and Nd isotope geology of the Archean terranes of the Uweinat-Kamil inlier, Egyptâ€“Sudanâ€“Libya. Precambrian Research, 2011, 189, 328-346.	2.7	39
14	SHRIMP Uâ€“Pb geochronological constraints on the timing of the intra-Alcudian (Cadomian) angular unconformity in the Central Iberian Zone (Iberian Massif, Spain). International Journal of Earth Sciences, 2015, 104, 1739-1757.	1.8	36
15	Birthplace of the SÃ£o Francisco Craton, Brazil: Evidence from 3.60 to 3.64ÂGa Gneisses of the Mairi Gneiss Complex. Terra Nova, 2020, 32, 281-289.	2.1	34
16	The recycling of chromitites in ophiolites from southwestern North America. Lithos, 2017, 294-295, 53-72.	1.4	28
17	Zircon recycling and crystallization during formation of chromite- and Ni-arsenide ores in the subcontinental lithospheric mantle (SerranÃa de Ronda, Spain). Ore Geology Reviews, 2017, 90, 193-209.	2.7	26
18	Cold plumes trigger contamination of oceanic mantle wedges with continental crust-derived sediments: Evidence from chromitite zircon grains of eastern Cuban ophiolites. Geoscience Frontiers, 2018, 9, 1921-1936.	8.4	23

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19	Detrital zircon U-Pb ages in the Rif Belt (northern Morocco): Paleogeographic implications. Gondwana Research, 2019, 70, 133-150.	6.0	23
20	Mixed and recycled detrital zircons in the Paleozoic rocks of the Eastern Moroccan Meseta: Paleogeographic inferences. Lithos, 2019, 338-339, 73-86.	1.4	20
21	U-Pb ages of detrital zircons from the Internal Betics: A key to deciphering paleogeographic provenance and tectono-stratigraphic evolution. Lithos, 2018, 318-319, 244-266.	1.4	17
22	Microstructurally controlled trace element (Zr, Uâ€“Pb) concentrations in metamorphic rutile: An example from the amphibolites of the Bergen Arcs. Journal of Metamorphic Geology, 2020, 38, 103-127.	3.4	17
23	Fluvial transport of impact evidence from cratonic interior to passive margin: Vredefort-derived shocked zircon on the Atlantic coast of South Africak. American Mineralogist, 2017, 102, 813-823.	1.9	15
24	Mesoarchaean (2820â€¯Ma) high-pressure mafic granulite at UauÃ¡, SÃ£o Francisco Craton, Brazil, and its potential significance for the assembly of Archaean supercratons. Precambrian Research, 2019, 331, 105366.	2.7	15
25	Tectonic Evolution of the Eastern Moroccan Meseta: From Late Devonian Forearc Sedimentation to Early Carboniferous Collision of an Avalonian Promontory. Tectonics, 2020, 39, e2019TC005976.	2.8	14
26	Detrital shocked zircon provides first radiometric age constraint (<1472 Ma) for the Santa Fe impact structure, New Mexico, USA. Bulletin of the Geological Society of America, 2019, 131, 845-863.	3.3	13
27	U-Pb geochronology of detrital and igneous zircon grains from the Ãguilas Arc in the Internal Betics (SE Spain): Implications for Carboniferous-Permian paleogeography of Pangea. Gondwana Research, 2021, 90, 135-158.	6.0	13
28	Syn-collisional detrital zircon source evolution in the northern Moroccan Variscides. Gondwana Research, 2021, 93, 73-88.	6.0	11
29	Systematics of detrital zircon Uâ€“Pb ages from Cambrianâ€“Lower Devonian rocks of northern Morocco with implications for the northern Gondwanan passive margin. Precambrian Research, 2021, 365, 106366.	2.7	9
30	Sapphirine-bearing Fe-rich granulites in the SW Siberian craton (Angara-Kan block): Implications for Paleoproterozoic ultrahigh-temperature metamorphism. Gondwana Research, 2018, 57, 26-47.	6.0	8
31	Timing the tectonic mingling of ultramafic rocks and metasediments in the southern section of the coastal accretionary complex of central Chile. International Geology Review, 2018, 60, 2031-2045.	2.1	8
32	Transcurrent displacement of the Cadomian magmatic arc. Precambrian Research, 2021, 361, 106251.	2.7	7
33	The 4D evolution of the Teutonic Bore Camp VHMS deposits, Yilgarn Craton, Western Australia. Ore Geology Reviews, 2020, 120, 103448.	2.7	6
34	The Santa LÃºcia Cu-Au deposit, CarajÃ¡s Mineral Province, Brazil: a Neoarchean (2.68ÂGa) member of the granite-related copper-gold systems of CarajÃ¡s. Mineralium Deposita, 2021, 56, 1521-1542.	4.1	4
35	Orthopyroxene-sillimanite granulites of the Angara-Kan block (SW Siberian craton): Constraints on timing of UHT metamorphism. Journal of Asian Earth Sciences, 2021, 207, 104650.	2.3	3
36	Biostratigraphy versus isotope geochronology: Testing the Urals island arc model. Geoscience Frontiers, 2019, 10, 119-125.	8.4	1

#	Article	IF	Citations
37	Extreme plastic deformation and subsequent Pb loss in shocked xenotime from the Vredefort Dome, South Africa. , 2021, , .		1