

# Cristina Talavera

## List of Publications by Year in descending order

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37  
papers

1,333  
citations

361413

20  
h-index

345221

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38  
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38  
docs citations

38  
times ranked

1205  
citing authors

#	ARTICLE	IF	CITATIONS
1	U-Pb geochronology of detrital and igneous zircon grains from the Águilas Arc in the Internal Betics (SE Spain): Implications for Carboniferous-Permian paleogeography of Pangea. <i>Gondwana Research</i> , 2021, 90, 135-158.	6.0	13
2	Orthopyroxene-sillimanite granulites of the Angara-Kan block (SW Siberian craton): Constraints on timing of UHT metamorphism. <i>Journal of Asian Earth Sciences</i> , 2021, 207, 104650.	2.3	3
3	The Santa Lacia Cu-Au deposit, Carajas Mineral Province, Brazil: a Neoproterozoic (2.68 Ga) member of the granite-related copper-gold systems of Carajas. <i>Mineralium Deposita</i> , 2021, 56, 1521-1542.	4.1	4
4	Syn-collisional detrital zircon source evolution in the northern Moroccan Variscides. <i>Gondwana Research</i> , 2021, 93, 73-88.	6.0	11
5	Extreme plastic deformation and subsequent Pb loss in shocked xenotime from the Vredefort Dome, South Africa. , 2021, , .		1
6	Transcurrent displacement of the Cadomian magmatic arc. <i>Precambrian Research</i> , 2021, 361, 106251.	2.7	7
7	Systematics of detrital zircon U-Pb ages from Cambrian-Lower Devonian rocks of northern Morocco with implications for the northern Gondwanan passive margin. <i>Precambrian Research</i> , 2021, 365, 106366.	2.7	9
8	Microstructurally controlled trace element (Zr, U-Pb) concentrations in metamorphic rutile: An example from the amphibolites of the Bergen Arcs. <i>Journal of Metamorphic Geology</i> , 2020, 38, 103-127.	3.4	17
9	The 4D evolution of the Teutonic Bore Camp VHMS deposits, Yilgarn Craton, Western Australia. <i>Ore Geology Reviews</i> , 2020, 120, 103448.	2.7	6
10	Birthplace of the Sao Francisco Craton, Brazil: Evidence from 3.60 to 3.64 Ga Gneisses of the Mairi Gneiss Complex. <i>Terra Nova</i> , 2020, 32, 281-289.	2.1	34
11	Tectonic Evolution of the Eastern Moroccan Meseta: From Late Devonian Forearc Sedimentation to Early Carboniferous Collision of an Avalonian Promontory. <i>Tectonics</i> , 2020, 39, e2019TC005976.	2.8	14
12	Biostratigraphy versus isotope geochronology: Testing the Urals island arc model. <i>Geoscience Frontiers</i> , 2019, 10, 119-125.	8.4	1
13	Mesoarchaean (2820 Ma) high-pressure mafic granulite at Uaui, Sao Francisco Craton, Brazil, and its potential significance for the assembly of Archaean supercratons. <i>Precambrian Research</i> , 2019, 331, 105366.	2.7	15
14	Mixed and recycled detrital zircons in the Paleozoic rocks of the Eastern Moroccan Meseta: Paleogeographic inferences. <i>Lithos</i> , 2019, 338-339, 73-86.	1.4	20
15	Detrital zircon U-Pb ages in the Rif Belt (northern Morocco): Paleogeographic implications. <i>Gondwana Research</i> , 2019, 70, 133-150.	6.0	23
16	Detrital shocked zircon provides first radiometric age constraint (<1472 Ma) for the Santa Fe impact structure, New Mexico, USA. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 845-863.	3.3	13
17	Sapphirine-bearing Fe-rich granulites in the SW Siberian craton (Angara-Kan block): Implications for Paleoproterozoic ultrahigh-temperature metamorphism. <i>Gondwana Research</i> , 2018, 57, 26-47.	6.0	8
18	Cold plumes trigger contamination of oceanic mantle wedges with continental crust-derived sediments: Evidence from chromitite zircon grains of eastern Cuban ophiolites. <i>Geoscience Frontiers</i> , 2018, 9, 1921-1936.	8.4	23

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19	Timing the tectonic mingling of ultramafic rocks and metasediments in the southern section of the coastal accretionary complex of central Chile. <i>International Geology Review</i> , 2018, 60, 2031-2045.	2.1	8
20	U-Pb ages of detrital zircons from the Internal Betics: A key to deciphering paleogeographic provenance and tectono-stratigraphic evolution. <i>Lithos</i> , 2018, 318-319, 244-266.	1.4	17
21	Zircon recycling and crystallization during formation of chromite- and Ni-arsenide ores in the subcontinental lithospheric mantle (Serranía de Ronda, Spain). <i>Ore Geology Reviews</i> , 2017, 90, 193-209.	2.7	26
22	Fluvial transport of impact evidence from cratonic interior to passive margin: Vredefort-derived shocked zircon on the Atlantic coast of South Africa. <i>American Mineralogist</i> , 2017, 102, 813-823.	1.9	15
23	The recycling of chromitites in ophiolites from southwestern North America. <i>Lithos</i> , 2017, 294-295, 53-72.	1.4	28
24	The enigma of crustal zircons in upper-mantle rocks: Clues from the Tumut ophiolite, southeast Australia. <i>Geology</i> , 2015, 43, 119-122.	4.4	60
25	Progressive environmental deterioration in northwestern Pangea leading to the latest Permian extinction. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 1331-1347.	3.3	98
26	SHRIMP U-Pb geochronological constraints on the timing of the intra-Alcudian (Cadomian) angular unconformity in the Central Iberian Zone (Iberian Massif, Spain). <i>International Journal of Earth Sciences</i> , 2015, 104, 1739-1757.	1.8	36
27	A terrestrial perspective on using <i>in situ</i> shocked zircons to date lunar impacts. <i>Geology</i> , 2015, 43, 999-1002.	4.4	80
28	U-Pb Zircon geochronology of the Cambro-Ordovician metagranites and metavolcanic rocks of central and NW Iberia. <i>International Journal of Earth Sciences</i> , 2013, 102, 1-23.	1.8	59
29	Ediacaran to Lower Ordovician age for rocks ascribed to the Schistose Graywacke Complex (Iberian). <i>Tectonophysics</i> , 2012, 531, 928-942.	6.0	87
30	SHRIMP U-Pb zircon dating of the Katerina Ring Complex: Insights into the temporal sequence of Ediacaran calc-alkaline to peralkaline magmatism in southern Sinai, Egypt. <i>Gondwana Research</i> , 2012, 21, 887-900.	6.0	44
31	SHRIMP dating and Nd isotope geology of the Archean terranes of the Uweinat-Kamil inlier, Egypt-Sudan-Libya. <i>Precambrian Research</i> , 2011, 189, 328-346.	2.7	39
32	The palaeogeographic position of Central Iberia in Gondwana during the Ordovician: evidence from zircon chronology and Nd isotopes. <i>Terra Nova</i> , 2010, 22, 341-346.	2.1	83
33	The $^{40}\text{Ar}/^{39}\text{Ar}$ Moneiga quartz-diorites of the Sinai, Egypt: Evidence for Andean-type arc or rift-related magmatism in the Arabian-Nubian Shield?. <i>Precambrian Research</i> , 2009, 175, 161-168.	2.7	47
34	Zircon Geochronology of the Ollo de Sapo Formation and the Age of the Cambro-Ordovician Rifting in Iberia. <i>Journal of Geology</i> , 2009, 117, 174-191.	1.4	79
35	Zircon Inheritance Reveals Exceptionally Fast Crustal Magma Generation Processes in Central Iberia during the Cambro-Ordovician. <i>Journal of Petrology</i> , 2007, 48, 2327-2339.	2.8	150
36	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. <i>Geological Magazine</i> , 2007, 144, 963-976.	1.5	82

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37	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