

Arne P Willner

List of Publications by Year in descending order

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18
papers

666
citations

759233

12
h-index

839539

18
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18
all docs

18
docs citations

18
times ranked

492
citing authors

#	ARTICLE	IF	CITATIONS
1	History of crustal growth and recycling at the Pacific convergent margin of South America at latitudes 29°–36° S revealed by a U–Pb and Lu–Hf isotope study of detrital zircon from late Paleozoic accretionary systems. <i>Chemical Geology</i> , 2008, 253, 114-129.	3.3	117
2	Time Markers for the Evolution and Exhumation History of a Late Palaeozoic Paired Metamorphic Belt in North-Central Chile (34°–35°S). <i>Journal of Petrology</i> , 2005, 46, 1835-1858.	2.8	102
3	Pressure–Temperature Evolution of a Late Palaeozoic Paired Metamorphic Belt in North-Central Chile (34°–35°S). <i>Journal of Petrology</i> , 2005, 46, 1805-1833.	2.8	93
4	The geodynamics of collision of a microplate (Chilenia) in Devonian times deduced by the pressure–temperature–time evolution within part of a collisional belt (Guarguaraz Complex). <i>Tectonophysics</i> , 2005, 410, 1-10.	1.0	50
5	Structural contacts in subduction complexes and their tectonic significance: the Late Palaeozoic coastal accretionary wedge of central Chile. <i>Journal of the Geological Society</i> , 2007, 164, 203-214.	2.1	48
6	Conditions and Timing of Pumpellyite–Actinolite-facies Metamorphism in the Early Mesozoic Frontal Accretionary Prism of the Madre de Dios Archipelago (Latitude 50°S; Southern Chile). <i>Journal of Petrology</i> , 2009, 50, 2127-2155.	2.8	48
7	Crustal Evolution of the Northeast Laurentian Margin and the Peri-Gondwanan Microcontinent Ganderia Prior to and During Closure of the Iapetus Ocean: Detrital Zircon U–Pb and Hf Isotope Evidence from Newfoundland. <i>Geoscience Canada</i> , 2014, 41, 345.	0.8	40
8	The crustal evolution of South America from a zircon Hf isotope perspective. <i>Terra Nova</i> , 2016, 28, 128-137.	2.1	28
9	Contrasting Ordovician high- and low-pressure metamorphism related to a microcontinent-arc collision in the Eastern Cordillera of Peru (Tarma province). <i>Journal of South American Earth Sciences</i> , 2014, 54, 71-81.	1.4	17
10	Mid-crustal deformation in a continental margin orogen: structural evolution and timing of the Famatinian Orogeny, NW Argentina. <i>Journal of the Geological Society</i> , 2020, 177, 233-257.	2.1	16
11	Structural Division and Evolution of the Lower Paleozoic Basement in the NW Argentine Andes. <i>Zentralblatt für Geologie und Paläontologie Teil I</i> , 1986, 1985, 1245-1255.	0.0	16
12	Effects of fluid flow, cooling and deformation as recorded by $^{40}\text{Ar}/^{39}\text{Ar}$, Rb–Sr and zircon fission track ages in very low- to low-grade metamorphic rocks in Avalonian SE Cape Breton Island (Nova Scotia, Canada). <i>Geological Magazine</i> , 2015, 152, 767-787.	1.5	15
13	Timanide (Ediacaran–Early Cambrian) Metamorphism at the Transition from Eclogite to Amphibolite Facies in the Beloretsk Complex, SW-Urals, Russia. <i>Journal of Earth Science (Wuhan, China)</i> , 2019, 30, 1144-1165.	3.2	10
14	Hot-subduction initiation and the origin of the Yarlung-Tsangbo ophiolites, southern Tibet: New insights from ultrahigh temperature metamorphic soles. <i>Earth and Planetary Science Letters</i> , 2022, 591, 117610.	4.4	9
15	C-O-H-S fluids released by oceanic serpentinite in subduction zones: Implications for arc-magma oxidation. <i>Earth and Planetary Science Letters</i> , 2022, 594, 117709.	4.4	9
16	The Ordovician Las Chacritas pluton (Sierra de Humaya, NW Argentina): origin and emplacement triggered by lateral shortening and magmatic stoping at mid-crustal level. <i>International Journal of Earth Sciences</i> , 2015, 104, 565-586.	1.8	8
17	Natural End Member Samples of Pyrope and Grossular: A Cathodoluminescence-Microscopy and -Spectra Case Study. <i>Journal of Earth Science (Wuhan, China)</i> , 2018, 29, 989-1004.	3.2	4
18	Zircon fission track ages from Newfoundland: A proxy for high geothermal gradients and exhumation before opening of the Central Atlantic Ocean. <i>Terra Nova</i> , 2019, 31, 1-10.	2.1	2