

Siegfried Siegesmund

List of Publications by Year in descending order

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65
papers

2,614
citations

126907

33
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189892

50
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65
docs citations

65
times ranked

1589
citing authors

#	ARTICLE	IF	CITATIONS
1	Archean to early Neoproterozoic crustal growth of the southern South American Platform and its wide-reaching African origins. <i>Precambrian Research</i> , 2022, 369, 106532.	2.7	19
2	Early Paleozoic accretionary orogens along the Western Gondwana margin. <i>Geoscience Frontiers</i> , 2021, 12, 109-130.	8.4	34
3	The Conlara Metamorphic Complex: Lithology, provenance, metamorphic constraints on the metabasic rocks, and chime monazite dating. <i>Journal of South American Earth Sciences</i> , 2021, 106, 103065.	1.4	4
4	The Sierra de Aguirre Formation, Uruguay: Post-collisional Ediacaran volcanism in the southernmost Dom Feliciano Belt. <i>Journal of South American Earth Sciences</i> , 2021, 107, 103118.	1.4	12
5	The Precambrian to Paleozoic crustal growth of South America: From collisional to accretionary tectonics. <i>Journal of South American Earth Sciences</i> , 2021, 112, 103621.	1.4	1
6	Dating recurrent shear zone activity and the transition from ductile to brittle deformation: White mica geochronology applied to the Neoproterozoic Dom Feliciano Belt in South Brazil. <i>Journal of Structural Geology</i> , 2020, 141, 104199.	2.3	18
7	Comparing contiguous high- and low-elevation continental margins: New (U-Th)/He constraints from South Brazil and an integration of the thermochronological record of the southeastern passive margin of South America. <i>Tectonophysics</i> , 2019, 770, 228222.	2.2	12
8	Late Paleoproterozoic and Mesoproterozoic magmatism of the Nico Pérez Terrane (Uruguay): Tightening up correlations in southwestern Gondwana. <i>Precambrian Research</i> , 2019, 327, 296-313.	2.7	23
9	Evolution of the Major Gercino Shear Zone in the Dom Feliciano Belt, South Brazil, and implications for the assembly of southwestern Gondwana. <i>International Journal of Earth Sciences</i> , 2019, 108, 403-425.	1.8	25
10	The Dom Feliciano Belt in Southern Brazil and Uruguay. <i>Regional Geology Reviews</i> , 2018, , 267-302.	1.2	43
11	Shear Zones in Brasiliano-Pan-African Belts and Their Role in the Amalgamation and Break-Up of Southwest Gondwana. <i>Regional Geology Reviews</i> , 2018, , 593-613.	1.2	15
12	Tracking trachyte on the Roman routes: Provenance study of Roman infrastructure and insights into ancient trades in northern Italy. <i>Geoarchaeology - an International Journal</i> , 2018, 33, 417-429.	1.5	22
13	(U-Th)/He Thermochronology and Zircon Radiation Damage in the South American Passive Margin: Thermal Overprint of the Paraná LIP?. <i>Tectonics</i> , 2018, 37, 4068-4085.	2.8	22
14	Geochronology of shear zones – A review. <i>Earth-Science Reviews</i> , 2018, 185, 665-683.	9.1	71
15	Characterization and quality assessment of granitic building stone deposits: A case study of two different Portuguese granites. <i>Engineering Geology</i> , 2017, 221, 29-40.	6.3	24
16	Phanerozoic low-temperature evolution of the Uruguayan Shield along the South American passive margin. <i>Journal of the Geological Society</i> , 2017, 174, 609-626.	2.1	26
17	Contemporaneous assembly of Western Gondwana and final Rodinia break-up: Implications for the supercontinent cycle. <i>Geoscience Frontiers</i> , 2017, 8, 1431-1445.	8.4	116
18	Late Paleozoic deformation and exhumation in the Sierras Pampeanas (Argentina): ⁴⁰ Ar/ ³⁹ Ar-feldspar dating constraints. <i>International Journal of Earth Sciences</i> , 2017, 106, 1991-2003.	1.8	12

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19	Shear zone evolution and timing of deformation in the Neoproterozoic transpressional Dom Feliciano Belt, Uruguay. <i>Journal of Structural Geology</i> , 2016, 92, 59-78.	2.3	61
20	Timing of deformation in the Sarand�del Y�Shear Zone, Uruguay: Implications for the amalgamation of western Gondwana during the Neoproterozoic Brasiliano�Pan�African Orogeny. <i>Tectonics</i> , 2016, 35, 754-771.	2.8	63
21	The Nico P�rez Terrane (Uruguay): From Archean crustal growth and connections with the Congo Craton to late Neoproterozoic accretion to the R�o de la Plata Craton. <i>Precambrian Research</i> , 2016, 280, 147-160.	2.7	72
22	Fault gouge analyses: K�Ar illite dating, clay mineralogy and tectonic significance�a study from the Sierras Pampeanas, Argentina. <i>International Journal of Earth Sciences</i> , 2014, 103, 189-218.	1.8	41
23	Refined exhumation history of the northern Sierras Pampeanas, Argentina. <i>Tectonics</i> , 2013, 32, 453-472.	2.8	37
24	Thermochronological constraints of the exhumation and uplift of the Sierra de Pie de Palo, NW Argentina. <i>Journal of South American Earth Sciences</i> , 2013, 48, 209-219.	1.4	13
25	Is the exhumation of the Sierras Pampeanas only related to Neogene flat-slab subduction? Implications from a multi-thermochronological approach. <i>Journal of South American Earth Sciences</i> , 2013, 48, 123-144.	1.4	41
26	Paleo- and Neoproterozoic magmatic and tectonometamorphic evolution of the Isla Cristalina de Rivera (Nico P�rez Terrane, Uruguay). <i>International Journal of Earth Sciences</i> , 2012, 101, 1745-1762.	1.8	46
27	The transpressional connection between Dom Feliciano and Kaoko Belts at 580�550�Ma. <i>International Journal of Earth Sciences</i> , 2011, 100, 379-390.	1.8	68
28	The R�o de la Plata Craton: a review of units, boundaries, ages and isotopic signature. <i>International Journal of Earth Sciences</i> , 2011, 100, 201-220.	1.8	172
29	Geodynamic evolution of the Eastern Sierras Pampeanas (Central Argentina) based on geochemical, Sm�Nd, Pb�Pb and SHRIMP data. <i>International Journal of Earth Sciences</i> , 2011, 100, 631-657.	1.8	34
30	Exhumation and uplift of the Sierras Pampeanas: preliminary implications from K�Ar fault gouge dating and low-T thermochronology in the Sierra de Comechingones (Argentina). <i>International Journal of Earth Sciences</i> , 2011, 100, 671-694.	1.8	54
31	Multi-accretional tectonics at the Rio de la Plata Craton margins: preface. <i>International Journal of Earth Sciences</i> , 2011, 100, 197-200.	1.8	3
32	The Neoproterozoic-early Paleozoic metamorphic and magmatic evolution of the Eastern Sierras Pampeanas: an overview. <i>International Journal of Earth Sciences</i> , 2011, 100, 465-488.	1.8	41
33	The tectonic significance of K/Ar illite fine-fraction ages from the San Luis Formation (Eastern Sierras) Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	18
34	The Sierra Ballena Shear Zone in the southernmost Dom Feliciano Belt (Uruguay): evolution, kinematics, and deformation conditions. <i>International Journal of Earth Sciences</i> , 2010, 99, 1227-1246.	1.8	53
35	Time constraints on the tectonic evolution of the Eastern Sierras Pampeanas (Central Argentina). <i>International Journal of Earth Sciences</i> , 2010, 99, 1199-1226.	1.8	71
36	Jewish cemetery in Hamburg Altona (Germany): State of marble deterioration and provenance. <i>Engineering Geology</i> , 2010, 115, 200-208.	6.3	22

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37	Limestones in Germany used as building stones: an overview. Geological Society Special Publication, 2010, 331, 37-59.	1.3	18
38	Geochronological constraints on the evolution of the southern Dom Feliciano Belt (Uruguay). Journal of the Geological Society, 2009, 166, 1075-1084.	2.1	145
39	Provenance of the late Proterozoic to early Cambrian metaclastic sediments of the Sierra de San Luis (Eastern Sierras Pampeanas) and Cordillera Oriental, Argentina. Journal of South American Earth Sciences, 2009, 28, 239-262.	1.4	68
40	Time constraints on the Famatinian and Achalian structural evolution of the basement of the Sierra de San Luis (Eastern Sierras Pampeanas, Argentina). Journal of South American Earth Sciences, 2008, 25, 336-358.	1.4	55
41	Geodynamic evolution of an Alpine terrane—the Austroalpine basement to the south of the Tauern Window as a part of the Adriatic Plate (eastern Alps). Geological Society Special Publication, 2008, 298, 5-44.	1.3	37
42	The impact of partial water saturation on rock strength: an experimental study on sandstone. Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften, 2007, 158, 869-882.	0.4	28
43	Rohstoff Naturwerkstein: Teil 1. Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften, 2007, 158, 349-350.	0.4	0
44	Rohstoff Naturwerkstein: Teil 2. Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften, 2007, 158, 677-678.	0.4	1
45	Sandstones from Gottingen: its use, weathering behaviour and consolidation approaches a case study from the Bartholomaus cemetery. Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften, 2007, 158, 957-984.	0.4	0
46	Geochemical constraints on the petrogenesis of the Paleozoic granitoids of the Sierra de San Luis, Sierras Pampeanas, Argentina. Journal of South American Earth Sciences, 2007, 24, 138-166.	1.4	44
47	Post-collisional transition from calc-alkaline to alkaline magmatism during transcurrent deformation in the southernmost Dom Feliciano Belt (Brazilian—Pan-African, Uruguay). Lithos, 2007, 98, 141-159.	1.4	134
48	Age constraints on the evolution of the Austroalpine basement to the south of the Tauern Window. International Journal of Earth Sciences, 2007, 96, 415-432.	1.8	19
49	Experimental and texture-derived P-wave anisotropy of principal rocks from the TRANSALP traverse: An aid for the interpretation of seismic field data. Tectonophysics, 2006, 414, 97-116.	2.2	39
50	Neoproterozoic to Early Palaeozoic events in the Sierra de San Luis: implications for the Famatinian geodynamics in the Eastern Sierras Pampeanas (Argentina). Journal of the Geological Society, 2006, 163, 965-982.	2.1	85
51	Crustal Provenance and Cooling of the Basement Complexes of the Sierra de San Luis: An Insight Into the Tectonic History of the Pro to-Andean Margin of Gondwana. Gondwana Research, 2004, 7, 1171-1195.	6.0	62
52	Why allanite may swindle about its true age. Contributions To Mineralogy and Petrology, 2003, 146, 297-307.	3.1	71
53	Natural stone, weathering phenomena, conservation strategies and case studies: introduction. Geological Society Special Publication, 2002, 205, 1-7.	1.3	76
54	Thermal stresses and microcracking in calcite and dolomite marbles via finite element modelling. Geological Society Special Publication, 2002, 205, 89-102.	1.3	20

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55	P-wave velocity and permeability distribution of sandstones from a fractured tight gas reservoir. Geophysics, 2002, 67, 241-253.	2.6	18
56	Anisotropic technical properties of building stones and their development due to fabric changes. Geological Society Special Publication, 2002, 205, 115-135.	1.3	10
57	Freeze-thaw cycles and their influence on marble deterioration: a long-term experiment. Geological Society Special Publication, 2002, 205, 9-18.	1.3	22
58	The anisotropy of itacolumite flexibility. Geological Society Special Publication, 2002, 205, 137-147.	1.3	6
59	Thermal expansion and its control on the durability of marbles. Geological Society Special Publication, 2002, 205, 65-80.	1.3	53
60	Cooling and exhumation of the Rieserferner Pluton (Eastern Alps, Italy/Austria). International Journal of Earth Sciences, 2002, 91, 799-817.	1.8	36
61	Texture analysis of a muscovite-bearing quartzite: a comparison of some currently used techniques. Journal of Structural Geology, 2000, 22, 1541-1557.	2.3	33
62	Control of magnetic rock fabrics by mica preferred orientation: a quantitative approach. Journal of Structural Geology, 1995, 17, 1601-1613.	2.3	52
63	Complete texture analysis of a deformed amphibolite: comparison between neutron diffraction and U-stage data. Journal of Structural Geology, 1994, 16, 131-142.	2.3	56
64	The influence of quartz textures on the seismic anisotropy in lower crustal granulites. Journal of Structural Geology, 1991, 13, 955-966.	2.3	11
65	Temperature Induced Internal Stress in Carrara Marble. Materials Science Forum, 0, 777, 148-154.	0.3	6