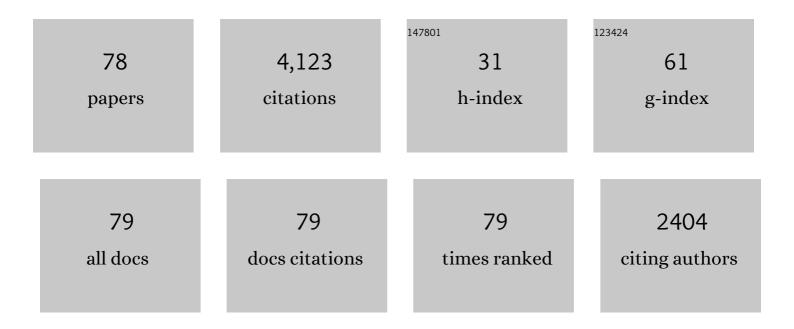
List of Publications by Year in descending order

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CARLI KIMILDA

#	Article	IF	CITATIONS
1	Décollement geometry controls on shallow very low frequency earthquakes. Scientific Reports, 2022, 12, 2677.	3.3	5
2	Deformation Process and Mechanism of the Frontal Megathrust at the Nankai Subduction Zone. Geochemistry, Geophysics, Geosystems, 2022, 23, .	2.5	1
3	Structural Anomaly at the Boundary Between Strong and Weak Plate Coupling in the Centralâ€Western Nankai Trough. Geophysical Research Letters, 2022, 49, .	4.0	7
4	Rejuvenated extension of the Philippine Sea plate and its effect on subduction dynamics in the Nankai Trough. Island Arc, 2021, 30, e12402.	1.1	6
5	Deformation Structures From Splay and Décollement Faults in the Nankai Accretionary Prism, SW Japan(IODP NanTroSEIZE Expedition 316): Evidence for Slow and Rapid Slip in Fault Rocks. Geochemistry, Geophysics, Geosystems, 2020, 21, e2019GC008786.	2.5	5
6	Three-dimensional topographic relief of the oceanic crust may control the occurrence of shallow very-low-frequency earthquakes in the Nankai Trough off Kumano. Earth, Planets and Space, 2020, 72, .	2.5	13
7	A new method for the empirical conversion of logging data to clay mineral fraction in the Nankai accretionary prism. Earth, Planets and Space, 2020, 72, .	2.5	2
8	Processes Governing Giant Subduction Earthquakes: IODP Drilling to Sample and Instrument Subduction Zone Megathrusts. Oceanography, 2019, 32, 80-93.	1.0	12
9	Origin of the early Cenozoic belt boundary thrust and Izanagi–Pacific ridge subduction in the western Pacific margin. Island Arc, 2019, 28, e12320.	1.1	31
10	Seismogenic Zone Structures Revealed by Improved 3â€Ð Seismic Images in the Nankai Trough off Kumano. Geochemistry, Geophysics, Geosystems, 2019, 20, 2252-2271.	2.5	17
11	Simultaneous estimation of in situ porosity and thermal structure from core sample measurements and resistivity log data at Nankai accretionary prism. Earth, Planets and Space, 2019, 71, .	2.5	8
12	Threeâ€dimensional texture of natural pseudotachylyte: Pseudotachylyte formation mechanism in hydrous accretionary complex. Island Arc, 2018, 27, e12241.	1.1	0
13	Punctuated growth of an accretionary prism and the onset of a seismogenic megathrust in the Nankai Trough. Progress in Earth and Planetary Science, 2018, 5, .	3.0	26
14	Physical property anisotropy of foliated fault rocks: Study from the Nobeoka Thrust, Shimanto Belt, southwest Japan. Island Arc, 2018, 27, e12257.	1.1	1
15	Acoustic properties of deformed rocks in the <scp>N</scp> obeoka thrust, in the <scp>S</scp> himanto <scp>B</scp> elt, <scp>K</scp> yushu, <scp>S</scp> outhwest <scp>J</scp> apan. Island Arc, 2017, 26, e12198.	1.1	1
16	Normal faulting and mass movement during ridge subduction inferred from porosity transition and zeolitization in the <scp>C</scp> osta <scp>R</scp> ica subduction zone. Geochemistry, Geophysics, Geosystems, 2017, 18, 2601-2616.	2.5	1
17	3D geometry of a plate boundary fault related to the 2016 Off-Mie earthquake in the Nankai subduction zone, Japan. Earth and Planetary Science Letters, 2017, 478, 234-244.	4.4	19
18	Temporal stress variations along a seismogenic megasplay fault in the subduction zone: <scp>A</scp> n example from the <scp>N</scp> obeoka <scp>T</scp> hrust, southwestern <scp>J</scp> apan. Island Arc, 2017, 26, e12193.	1.1	5

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19	Opal T in chert beneath the toe of the Tohoku margin and its influence on the seismic aseismic transition in subduction zones. Geophysical Research Letters, 2017, 44, 687-693.	4.0	2
20	Source and sink of fluid in pelagic siliceous sediments along a cold subduction plate boundary. Tectonophysics, 2016, 686, 146-157.	2.2	2
21	Variations in stress and driving pore fluid pressure ratio using vein orientations along megasplay faults : Example from the Nobeoka Thrust, Southwest Japan. Island Arc, 2016, 25, 421-432.	1.1	10
22	Hydrogeological responses to incoming materials at the erosional subduction margin, offshore <scp>O</scp> sa <scp>P</scp> eninsula, <scp>C</scp> osta <scp>R</scp> ica. Geochemistry, Geophysics, Geosystems, 2015, 16, 2725-2742.	2.5	11
23	Pelagic smectite as an important factor in tsunamigenic slip along the Japan Trench. Geology, 2015, 43, 155-158.	4.4	65
24	Multiple damage zone structure of an exhumed seismogenic megasplay fault in a subduction zone - a study from the Nobeoka Thrust Drilling Project. Earth, Planets and Space, 2015, 67, .	2.5	15
25	Estimation of slip rate and fault displacement during shallow earthquake rupture in the Nankai subduction zone. Earth, Planets and Space, 2015, 67, .	2.5	15
26	Identification of the static backstop and its influence on the evolution of the accretionary prism in the Nankai Trough. Earth and Planetary Science Letters, 2015, 431, 15-25.	4.4	49
27	Changes in illite crystallinity within an ancient tectonic boundary thrust caused by thermal, mechanical, and hydrothermal effects: an example from the Nobeoka Thrust, southwest Japan. Earth, Planets and Space, 2014, 66, 116.	2.5	25
28	Earthquake faulting in subduction zones: insights from fault rocks in accretionary prisms. Progress in Earth and Planetary Science, 2014, 1, 7.	3.0	53
29	Middle Miocene swift migration of the TTT triple junction and rapid crustal growth in southwest Japan: A review. Tectonics, 2014, 33, 1219-1238.	2.8	104
30	Long-term evolution of an accretionary prism: The case study of the Shimanto Belt, Kyushu, Japan. Tectonics, 2014, 33, 936-959.	2.8	42
31	The influence of organic–rich shear zones on pelagic sediment deformation and seismogenesis in a subduction zone. Journal of Mineralogical and Petrological Sciences, 2014, 109, 228-238.	0.9	2
32	Hanging wall deformation of a seismogenic megasplay fault in an accretionary prism: The Nobeoka Thrust in southwestern Japan. Journal of Structural Geology, 2013, 52, 136-147.	2.3	25
33	Contrasts in physical properties between the hanging wall and footwall of an exhumed seismogenic megasplay fault in a subduction zone—An example from the Nobeoka Thrust Drilling Project. Geochemistry, Geophysics, Geosystems, 2013, 14, 5354-5370.	2.5	22
34	Tectonic mélange as fault rock of subduction plate boundary. Tectonophysics, 2012, 568-569, 25-38.	2.2	97
35	Silica diagenesis and its effect on interplate seismicity in cold subduction zones. Earth and Planetary Science Letters, 2012, 317-318, 136-144.	4.4	22
36	Runaway slip to the trench due to rupture of highly pressurized megathrust beneath the middle trench slope: The tsunamigenesis of the 2011 Tohoku earthquake off the east coast of northern Japan. Earth and Planetary Science Letters, 2012, 339-340, 32-45.	4.4	81

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37	Sources and physicochemical characteristics of fluids along a subductionâ€zone megathrust: A geochemical approach using synâ€ŧectonic mineral veins in the Mugi mélange, Shimanto accretionary complex. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	39
38	Spatial and temporal evolution of the megasplay fault in the Nankai Trough. Geochemistry, Geophysics, Geosystems, 2011, 12, .	2.5	88
39	A new source of water in seismogenic subduction zones. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	34
40	Dynamic changes in fluid redox state associated with episodic fault rupture along a megasplay fault in a subduction zone. Earth and Planetary Science Letters, 2011, 302, 369-377.	4.4	54
41	Slumping and mass transport deposition in the Nankai fore arc: Evidence from IODP drilling and 3â€Đ reflection seismic data. Geochemistry, Geophysics, Geosystems, 2011, 12, .	2.5	103
42	Progressive illitization in fault gouge caused by seismic slip propagation along a megasplay fault in the Nankai Trough. Geology, 2011, 39, 995-998.	4.4	59
43	Seismic slip propagation to the updip end of plate boundary subduction interface faults: Vitrinite reflectance geothermometry on Integrated Ocean Drilling Program NanTro SEIZE cores. Geology, 2011, 39, 395-398.	4.4	147
44	Split Philippine Sea plate beneath Japan. Geophysical Research Letters, 2010, 37, .	4.0	52
45	Origin and evolution of a splay fault in the Nankai accretionary wedge. Nature Geoscience, 2009, 2, 648-652.	12.9	177
46	Horizontal shortening versus vertical loading in accretionary prisms. Geochemistry, Geophysics, Geosystems, 2009, 10, .	2.5	18
47	Interactions between deformation and fluids in the frontal thrust region of the NanTroSEIZE transect offshore the Kii Peninsula, Japan: Results from IODP Expedition 316 Sites C0006 and C0007. Geochemistry, Geophysics, Geosystems, 2009, 10, .	2.5	65
48	Anelastic strain recovery reveals extension across SW Japan subduction zone. Geophysical Research Letters, 2009, 36, .	4.0	75
49	Deformation and fluid flow in seismogenic subduction zone: The Mugi Mélange in the Shimanto Belt. Journal of the Geological Society of Japan, 2009, 115, S21-S36.	0.6	2
50	Underplating of mélange evidenced by the depositional ages: U–Pb dating of zircons from the Shimanto accretionary complex, southwest Japan. Island Arc, 2008, 17, 376-393.	1.1	43
51	Development of three-dimensional basement structure in Taiwan deduced from past plate motion: Consistency with the present seismicity. Tectonics, 2007, 26, n/a-n/a.	2.8	3
52	Transition of accretionary wedge structures around the up-dip limit of the seismogenic subduction zone. Earth and Planetary Science Letters, 2007, 255, 471-484.	4.4	116
53	Fluidization of granular material in a subduction thrust at seismogenic depths. Earth and Planetary Science Letters, 2007, 259, 307-318.	4.4	83
54	Tectonolithification of sandstone prior to the onset of seismogenic subduction zone: Evidence from tectonic mélange of the Shimanto Belt, Japan. Geochemistry, Geophysics, Geosystems, 2006, 7, n/a-n/a.	2.5	18

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55	Modern and ancient seismogenic out-of-sequence thrusts in the Nankai accretionary prism: Comparison of laboratory-derived physical properties and seismic reflection data. Geophysical Research Letters, 2006, 33, n/a-n/a.	4.0	27
56	Tectonic incorporation of the upper part of oceanic crust to overriding plate of a convergent margin: An example from the Cretaceous–early Tertiary Mugi Mélange, the Shimanto Belt, Japan. Tectonophysics, 2005, 401, 217-230.	2.2	76
57	Deformation and fluid flow of a major out-of-sequence thrust located at seismogenic depth in an accretionary complex: Nobeoka Thrust in the Shimanto Belt, Kyushu, Japan. Tectonics, 2005, 24, n/a-n/a.	2.8	79
58	Mélange and its seismogenic roof décollement: A plate boundary fault rock in the subduction zone-An example from the Shimanto Belt, Japan. Tectonics, 2005, 24, n/a-n/a.	2.8	93
59	In situpressure-temperature conditions of a tectonic mélange: Constraints from fluid inclusion analysis of syn-mélange veins. Island Arc, 2003, 12, 357-365.	1.1	26
60	Pseudotachylyte from an ancient accretionary complex: Evidence for melt generation during seismic slip along a master décollement?. Geology, 2003, 31, 637.	4.4	81
61	Workshop explores seismogenic zone drilling in the Nankai trough. Eos, 2001, 82, 532-532.	0.1	0
62	Deformation history of tectonic melange and its relationship to the underplating process and relative plate motion: An example from the deeply buried Shimanto Belt, SW Japan. Tectonics, 2001, 20, 376-393.	2.8	49
63	Cretaceous episodic growth of the Japanese Islands. Island Arc, 1997, 6, 52-68.	1.1	45
64	Paleogeographic maps of the Japanese Islands: Plate tectonic synthesis from 750 Ma to the present. Island Arc, 1997, 6, 121-142.	1.1	961
65	Collision orogeny at arc-arc junctions in the Japanese Islands. Island Arc, 1996, 5, 262-275.	1.1	117
66	Change in fabric of melange in the Shimanto Belt, Japan: Change in relative convergence?. Tectonics, 1995, 14, 1273-1289.	2.8	93
67	The latest Cretaceous-Early Paleogene rapid growth of accretionary complex and exhumation of high pressure series metamorphic rocks in northwestern Pacific margin. Journal of Geophysical Research, 1994, 99, 22147-22164.	3.3	124
68	Underplated units in an accretionary complex: Melange of the Shimanto Belt of eastern Shikoku, southwest Japan. Tectonics, 1991, 10, 31-50.	2.8	159
69	Collision Tectonics in Hokkaido and Sakhalin. , 1983, , 123-134.		64
70	Cretaceous–Neogene accretionary units. , 0, , 125-137.		3
71	Expedition 358 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	10
72	NanTroSEIZE Stage 1 expeditions: introduction and synthesis of key results. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	60

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73	Expedition 316 summary. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	54
74	Generation Depth of the Pseudotachylyte from an Out-of-Sequence Thrust in Accretionary Prism – Geothermobarometric Evidence. Scientific Drilling, 0, Speciallssue, 47-50.	0.6	9
75	Site C0002. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	6
76	Site C0025. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	2
77	Site C0024. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	1
78	Expedition 358 methods. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	3