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List of Publications by Year in descending order

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123	6,448	47006	69250
papers	citations	47 h-index	77 g-index

124	124	124	3182
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Hellenic Subduction System: High-Pressure Metamorphism, Exhumation, Normal Faulting, and Large-Scale Extension. Annual Review of Earth and Planetary Sciences, 2010, 38, 45-76.	11.0	282
2	Miocene NNE-directed extensional unroofing in the Menderes Massif, southwestern Turkey. Journal of the Geological Society, 1995, 152, 639-654.	2.1	210
3	An active bivergent rolling-hinge detachment system: Central Menderes metamorphic core complex in western Turkey. Geology, 2001, 29, 611.	4.4	195
4	Bivergent extension in orogenic belts: The Menderes massif (southwestern Turkey). Geology, 1995, 23, 455.	4.4	176
5	Structural analysis of a complex nappe sequence and late-orogenic basins from the Aegean Island of Samos, Greece. Journal of Structural Geology, 1999, 21, 1575-1601.	2.3	169
6	High-pressure metamorphism in the Aegean, eastern Mediterranean: Underplating and exhumation from the Late Cretaceous until the Miocene to Recent above the retreating Hellenic subduction zone. Tectonics, 2003, 22, n/a-n/a.	2.8	164
7	Exhumation processes. Geological Society Special Publication, 1999, 154, 1-27.	1.3	157
8	Tectonic denudation of a Late Cretaceousâ€“Tertiary collisional belt: regionally symmetric cooling patterns and their relation to extensional faults in the Anatolide belt of western Turkey. Geological Magazine, 2003, 140, 421-441.	1.5	156
9	The influence of preexisting structure on the evolution of the Cenozoic Malawi rift (East African rift) Tj ETQq1 1 0.784314 rgBT /Overlo	2.8	152
10	Oldest Homo and Pliocene biogeography of the Malawi Rift. Nature, 1993, 365, 833-836.	27.8	150
11	The Menderes Massif of western Turkey and the Cycladic Massif in the Aegeanâ€”do they really correlate?. Journal of the Geological Society, 1999, 156, 3-6.	2.1	148
12	Structural and thermal history of poly-orogenic basement: Uâ€“Pb geochronology of granitoid rocks in the southern Menderes Massif, Western Turkey. Journal of the Geological Society, 2004, 161, 93-101.	2.1	129
13	What caused the denudation of the Menderes Massif: Review of crustal evolution, lithosphere structure, and dynamic topography in southwest Turkey. Gondwana Research, 2013, 24, 243-274.	6.0	126
14	Constraining the long-term evolution of the slip rate for a major extensional fault system in the central Aegean, Greece, using thermochronology. Earth and Planetary Science Letters, 2006, 241, 293-306.	4.4	123
15	Absolute ages of multiple generations of brittle structures by U-Pb dating of calcite. Geology, 2018, 46, 207-210.	4.4	121
16	Early exhumation of high-pressure rocks in extrusion wedges: Cycladic blueschist unit in the eastern Aegean, Greece, and Turkey. Tectonics, 2007, 26, n/a-n/a.	2.8	120
17	Miocene high-pressure metamorphism in the Cyclades and Crete, Aegean Sea, Greece: Evidence for large-magnitude displacement on the Cretan detachment. Geology, 2001, 29, 395.	4.4	119
18	Tectonic controls on rift basin morphology: Evolution of the northern Malawi (Nyasa) Rift. Journal of Geophysical Research, 1993, 98, 17821-17836.	3.3	116

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19	Uâ€“Pb SIMS dating of synkinematic granites: timing of core-complex formation in the northern Anatolide belt of western Turkey. Journal of the Geological Society, 2005, 162, 289-298.	2.1	116
20	Tectonic significance of deformation patterns in granitoid rocks of the Menderes nappes, Anatolide belt, southwest Turkey. International Journal of Earth Sciences, 2001, 89, 766-780.	1.8	115
21	Normal vs. strike-slip faulting during rift development in East Africa: The Malawi rift. Geology, 1992, 20, 1015.	4.4	105
22	Thermochronologic evaluation of postcollision extension in the Anatolide orogen, western Turkey. Tectonics, 2006, 25, n/a-n/a.	2.8	98
23	The weak and superfast Cretan detachment, Greece: exhumation at subduction rates in extruding wedges. Journal of the Geological Society, 2002, 159, 225-228.	2.1	89
24	Crystallization and very rapid exhumation of the youngest Alpine eclogites (Tauern Window, Eastern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 699-712.	3.1	87
25	Kinematics of the Alpenrhein-Bodensee graben system in the Central Alps: Oligocene/Miocene transtension due to formation of the Western Alps arc. Tectonics, 2016, 35, 1367-1391.	2.8	87
26	An Oligocene extrusion wedge of blueschist-facies nappes on Evia, Aegean Sea, Greece: implications for the early exhumation of high-pressure rocks. Journal of the Geological Society, 2007, 164, 637-652.	2.1	80
27	Extensional faulting on Tinos Island, Aegean Sea, Greece: How many detachments?. Tectonics, 2007, 26, .	2.8	80
28	Coeval highâ€pressure metamorphism, thrusting, strikeâ€slip, and extensional shearing in the Tauern Window, Eastern Alps. Tectonics, 2008, 27, .	2.8	80
29	Late Eocene Uplift of the Al Hajar Mountains, Oman, Supported by Stratigraphy and Lowâ€Temperature Thermochronology. Tectonics, 2017, 36, 3081-3109.	2.8	77
30	How to resist subduction: evidence for large-scale out-of-sequence thrusting during Eocene collision in western Turkey. Journal of the Geological Society, 2001, 158, 769-784.	2.1	76
31	Shear-zone patterns and eclogite-facies metamorphism in the Mozambique belt of northern Malawi, east-central Africa: implications for the assembly of Gondwana. Precambrian Research, 2002, 116, 19-56.	2.7	76
32	The extensional Messaria shear zone and associated brittle detachment faults, Aegean Sea, Greece. Journal of the Geological Society, 2005, 162, 701-721.	2.1	75
33	Fast extension but little exhumation: the Vari detachment in the Cyclades, Greece. Geological Magazine, 2003, 140, 245-252.	1.5	72
34	An integrated zircon geochronological and geochemical investigation into the Miocene plutonic evolution of the Cyclades, Aegean Sea, Greece: Part 1: Geochronology. Contributions To Mineralogy and Petrology, 2010, 160, 719-742.	3.1	72
35	Palaeoproterozoic granulite-facies metamorphism and granitoid intrusions in the Ubendian-Usagaran Orogen of northern Malawi, east-central Africa. Precambrian Research, 1997, 85, 27-51.	2.7	69
36	Contrasting metamorphic evolution of metasedimentary rocks from the Ã‡ine and Selimiye nappes in the Anatolide belt, western Turkey. Journal of Metamorphic Geology, 2003, 21, 699-721.	3.4	65

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37	Timing, slip rate, displacement and cooling history of the Mykonos detachment footwall, Cyclades, Greece, and implications for the opening of the Aegean Sea basin. Journal of the Geological Society, 2008, 165, 263-277.	2.1	64
38	Kinematic data for the Coast Range fault and implications for exhumation of the Franciscan subduction complex. Geology, 1994, 22, 735.	4.4	61
39	Tectonic significance of Cretaceous bivergent extensional shear zones in the Torlesse accretionary wedge, central Otago Schist, New Zealand. New Zealand Journal of Geology, and Geophysics, 2002, 45, 537-547.	1.8	59
40	Geology of the Malawi Rift: kinematic and tectonosedimentary background to the Chiwondo Beds, northern Malawi. Journal of Human Evolution, 1995, 28, 7-21.	2.6	55
41	Thermochronometric constraints on the tectonic evolution of the Serifos detachment, Aegean Sea, Greece. International Journal of Earth Sciences, 2010, 99, 379-393.	1.8	55
42	Thermal and exhumation history of the central Rwenzori Mountains, Western Rift of the East African Rift System, Uganda. International Journal of Earth Sciences, 2010, 99, 1575-1597.	1.8	53
43	Kinematics of the Alpine plate-margin: structural styles, strain and motion along the Penninicâ€“Austroalpine boundary in the Swissâ€“Austrian Alps. Journal of the Geological Society, 1989, 146, 835-849.	2.1	52
44	Stacking of nappes with different pressure-temperature paths: An example from the Menderes nappes of western Turkey. Numerische Mathematik, 2001, 301, 912-944.	1.4	52
45	Normal faulting on Sifnos and the South Cycladic Detachment System, Aegean Sea, Greece. Journal of the Geological Society, 2011, 168, 751-768.	2.1	52
46	No need for lithospheric extension for exhuming (U)HP rocks by normal faulting. Journal of the Geological Society, 2010, 167, 225-228.	2.1	50
47	Plate-boundary kinematics in the Alps: Motion in the Arosa suture zone. Geology, 1988, 16, 696.	4.4	49
48	Underplating-related finite-strain patterns in the Gran Paradiso massif, Western Alps, Italy: heterogeneous ductile strain superimposed on a nappe stack. Journal of the Geological Society, 2004, 161, 875-884.	2.1	49
49	Cenozoic tectonic evolution of Naxos Island through a multi-faceted approach of fission-track analysis. Geological Society Special Publication, 2009, 321, 179-196.	1.3	49
50	Structural contacts in subduction complexes and their tectonic significance: the Late Palaeozoic coastal accretionary wedge of central Chile. Journal of the Geological Society, 2007, 164, 203-214.	2.1	48
51	Middle Miocene graben development in Crete and its possible relation to large-scale detachment faults in the southern Aegean. Terra Nova, 2001, 13, 297-304.	2.1	46
52	Horizontal contraction or horizontal extension? Heterogeneous Late Eocene and Early Oligocene general shearing during blueschist and greenschist facies metamorphism at the Penninеâ€“Austroalpine boundary zone in the Western Alps. Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1995, 84, 843.	1.3	43
53	The Alpine geodynamic evolution of Penninic nappes in the eastern Central Alps.. Journal of Metamorphic Geology, 1992, 10, 33-53.	3.4	42
54	Fault slip analysis along the northern margin of the Eastern Alps (Molasse, Helvetic nappes, North and) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.2	42

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55	Kinematic and sedimentological evolution of the Manyara Rift in northern Tanzania, East Africa. Geological Magazine, 2005, 142, 355-368.	1.5	41
56	Sedimentology of the Malawi Rift: Facies and stratigraphy of the Chiwondo Beds, northern Malawi. Journal of Human Evolution, 1995, 28, 23-35.	2.6	40
57	The nappe rule: why does it work?. Journal of the Geological Society, 2007, 164, 1109-1112.	2.1	40
58	Aspects of the kinematic history and mechanisms of superposition of the proterozoic mobile belts of eastern Central Africa (northern Malawi and southern Tanzania). Precambrian Research, 1993, 62, 207-226.	2.7	38
59	Ductile deformation and mass loss in the Franciscan Subduction Complex: implications for exhumation processes in accretionary wedges. Geological Society Special Publication, 1999, 154, 55-86.	1.3	38
60	Deformed A-type granites in northern Malawi, east-central Africa: pre- or syntectonic?. Journal of the Geological Society, 1999, 156, 695-714.	2.1	36
61	Pâ€“Tevolution and timing of a late Palaeozoic fore-arc system and its heterogeneous Mesozoic overprint in north-central Chile (latitudes 31â€“32Â°S). Geological Magazine, 2012, 149, 177-207.	1.5	33
62	Fluid flow associated with silicic lava domes and faults, Ohaaki hydrothermal field, New Zealand. Journal of Volcanology and Geothermal Research, 2011, 204, 12-26.	2.1	32
63	Solution-mass-transfer deformation adjacent to the Glarus Thrust, with implications for the tectonic evolution of the Alpine wedge in eastern Switzerland. Journal of Structural Geology, 2001, 23, 1491-1505.	2.3	30
64	Timing and nature of formation of the Ios metamorphic core complex, southern Cyclades, Greece. Geological Society Special Publication, 2009, 321, 139-167.	1.3	30
65	Zircon in amphibolites from Naxos, Aegean Sea, Greece: origin, significance and tectonic setting. Journal of Metamorphic Geology, 2017, 35, 413-434.	3.4	30
66	Recent mantle degassing recorded by carbonic spring deposits along sinistral strike-slip faults, south-central Australia. Earth and Planetary Science Letters, 2016, 454, 304-318.	4.4	29
67	Forced Return Flow Deep in the Subduction Channel, Syros, Greece. Tectonics, 2020, 39, e2019TC005768.	2.8	29
68	An Eocene/Oligocene blueschistâ€/greenschist facies Pâ€“T loop from the Cycladic Blueschist Unit on Naxos Island, Greece: Deformationâ€related reâ€equilibration vs. thermal relaxation. Journal of Metamorphic Geology, 2017, 35, 805-830.	3.4	28
69	The internal structure of the Arosa Zone (Swiss-Austrian Alps). Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1990, 79, 725-739.	1.3	27
70	An integrated zircon geochronological and geochemical investigation into the Miocene plutonic evolution of the Cyclades, Aegean Sea, Greece: part 2â€”geochemistry. Contributions To Mineralogy and Petrology, 2012, 164, 915-933.	3.1	27
71	Absolute timing of Caledonian orogenic wedge assembly, Central Sweden, constrained by Rbâ€“Sr multi-mineral isochron data. Lithos, 2019, 344-345, 339-359.	1.4	27
72	Dating deformation in the Gran Paradiso Massif (NW Italian Alps): Implications for the exhumation of high-pressure rocks in a collisional belt. Lithos, 2012, 144-145, 130-144.	1.4	26

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73	U-Pb SHRIMP data on the crystallization age of the Gran Paradiso augengneiss, Italian Western Alps: Further evidence for Permian magmatic activity in the Alps during break-up of Pangea. Eclogae Geologicae Helveticae, 2005, 98, 363-370.	0.6	25
74	Tectonometamorphic evolution of high-pressure rocks from the island of Amorgos (Central Aegean,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.1	25
75	Arcâ€parallel extrusion of the Timor sector of the Banda arcâ€continent collision. Tectonics, 2013, 32, 641-660.	2.8	24
76	Metamorphic Zonation by Outâ€ofâ€Sequence Thrusting at Backâ€Stepping Subduction Zones: Sequential Accretion of the Caledonian Internides, Central Sweden. Tectonics, 2018, 37, 3545-3576.	2.8	24
77	Forethrusting, backfolding, and lateral gravitational escape in the northern part of the Western Alps (Monte Rosa region). Bulletin of the Geological Society of America, 1992, 104, 901-914.	3.3	23
78	Variations in fault-slip data and cooling history reveal corridor of heterogeneous backarc extension in the eastern Aegean Sea region. Tectonophysics, 2017, 700-701, 108-130.	2.2	22
79	Jabal Hafit anticline (UAE and Oman) formed by dÃ©collement folding followed by trishear fault-propagation folding. Journal of Structural Geology, 2018, 117, 168-185.	2.3	22
80	Tracing the exhumation history of the Rwenzori Mountains, Albertine Rift, Uganda, using low-temperature thermochronology. Tectonophysics, 2013, 599, 8-28.	2.2	21
81	Omphacite textures in eclogites of the Tauern Window: Implications for the exhumation of the Eclogite Zone, Eastern Alps. Journal of Structural Geology, 2008, 30, 976-992.	2.3	20
82	Two-stage development of the Paparoa Metamorphic Core Complex, West Coast, South Island, New Zealand: Hot continental extension precedes sea-floor spreading by â¼25 m.y.. Lithosphere, 2014, 6, 177-194.	1.4	20
83	The Cycladic Blueschist Unit of the Hellenic subduction orogen: Protracted high-pressure metamorphism, decompression and reimbrication of a diachronous nappe stack. Earth-Science Reviews, 2022, 224, 103883.	9.1	20
84	The kinematic history of the Pennine Nappes east of the Lepontine Dome: Implications for the tectonic evolution of the Central Alps. Tectonics, 1992, 11, 1139-1158.	2.8	19
85	The Variscan structural and metamorphic evolution of the eastern Southalpine basement. Journal of the Geological Society, 1994, 151, 755-766.	2.1	19
86	Preservation of highâ€P rocks coupled to rock composition and the absence of metamorphic fluids. Journal of Metamorphic Geology, 2019, 37, 359-381.	3.4	19
87	Kinematic, finite strain and vorticity analysis of the Sisters Shear Zone, Stewart Island, New Zealand. Journal of Structural Geology, 2015, 73, 114-129.	2.3	18
88	Tectonic and lithological constraints on the evolution of the Karoo graben of northern Malawi (East Africa). Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1995, 84, 607.	1.3	18
89	Volume strain, strain type and flow path in a narrow shear zone. Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1998, 86, 786-801.	1.3	16
90	Sediment storage in the Southern Alps of New Zealand: New observations from tracer thermochronology. Earth and Planetary Science Letters, 2018, 493, 140-149.	4.4	16

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91	Vertical ductile thinning and its contribution to the exhumation of high-pressure rocks: the Cycladic blueschist unit in the Aegean. Journal of the Geological Society, 2008, 165, 1019-1030.	2.1	15
92	Fission-track analysis unravels the denudation history of the Bonar Range in the footwall of the Alpine Fault, South Island, New Zealand. Geological Magazine, 2010, 147, 801-813.	1.5	15
93	Structural architecture and Late Cretaceous exhumation history of the Saih Hatat Dome (Oman), a review based on existing data and semi-restorable cross-sections. Earth-Science Reviews, 2021, 217, 103595.	9.1	14
94	Tectonic significance of ductile deformation in low-grade sandstones in the mesozoic Otago subduction wedge, New Zealand. Numerische Mathematik, 2011, 311, 27-62.	1.4	13
95	Fault-gouge dating in the Southern Alps, New Zealand. Tectonophysics, 2017, 717, 321-338.	2.2	13
96	The timing of high-temperature conditions and ductile shearing in the footwall of the Naxos extensional fault system, Aegean Sea, Greece. Tectonophysics, 2018, 745, 366-381.	2.2	12
97	Middle to Late Miocene Age for the End of Amphiboliteâ€Facies Mylonitization of the Alpine Schist, New Zealand: Implications for Onset of Transpression Across the Alpine Fault. Tectonics, 2019, 38, 4335-4359.	2.8	12
98	Tilting, uplift, volcanism and disintegration of the South German block. Tectonophysics, 2020, 795, 228611.	2.2	12
99	â€œTo Be, or Not to Be, That Is the Questionâ€â€”The Cretan Extensional Detachment, Greece. Tectonics, 2018, 37, 3069-3084.	2.8	11
100	The Uplift of the Troodos Massif, Cyprus. Tectonics, 2019, 38, 3124-3139.	2.8	10
101	Pb/Pb dating of garnet from the Anatolide belt in western Turkey: Regional implications and speculations on the role Anatolia played during the amalgamation of Gondwana. Zeitschrift Der Deutschen Geologischen Gesellschaft, 2004, 154, 537-555.	0.1	10
102	Normal faulting at convergent plate boundaries: Mylonitic extensional fabrics in the Franciscan subduction complex in Del Puerto Canyon, California, revisited. Tectonics, 2004, 23, n/a-n/a.	2.8	9
103	The 3D geometry of the Naxos detachment fault and the three-dimensional tectonic architecture of the Naxos metamorphic core complex, Aegean Sea, Greece. International Journal of Earth Sciences, 2019, 108, 287-300.	1.8	9
104	Discussion on incipient continental collision and plate-boundary curvature: Late Plioceneâ€“Holocene transtensional Hellenic forearc, Crete, Greece. Journal of the Geological Society, 2003, 160, 819-824.	2.1	8
105	Timing of the Amorgos detachment system and implications for detachment faulting in the southern Aegean Sea, Greece. Geological Society Special Publication, 2009, 321, 169-178.	1.3	7
106	South Menderes Monocline: Low-temperature thermochronology constrains role of crustal extension in structural evolution of southwest Turkey. Tectonophysics, 2017, 712-713, 455-463.	2.2	7
107	Differences in decompression of a high-pressure unit: A case study from the Cycladic Blueschist Unit on Naxos Island, Greece. Lithos, 2021, 386-387, 106043.	1.4	7
108	Extensional deformation along the Footwall Fault below the Hyde-Macraes Shear Zone, Otago Schist, New Zealand. New Zealand Journal of Geology, and Geophysics, 2018, 61, 219-236.	1.8	6

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109	Linking orogeny and orography in the Southern Alps of New Zealand: New observations from detrital fission-track thermochronology of the Waiho-1 borehole. Earth and Planetary Science Letters, 2020, 552, 116586.	4.4	6
110	Geometry and Kinematics of Bivergent Extension in the Southern Cycladic Archipelago: Constraining an Extensional Hinge Zone on Sikinos Island, Aegean Sea, Greece. Tectonics, 2021, 40, e2020TC006641.	2.8	6
111	Microcracks development and porosity evolution in sandstone, Sichuan basin, China: an experimental approach. Bulletin of Engineering Geology and the Environment, 2021, 80, 7717-7729.	3.5	6
112	Discussion on â€œStratigraphic and metamorphic inversions in the central Menderes Massif: a new structural modelâ€, by Aral I. Okay. International Journal of Earth Sciences, 2002, 91, 168-172.	1.8	5
113	Deformation and Exhumation at Convergent Margins: The Franciscan Subduction Complex. , 2008, , .		5
114	The off-fault deformation on the North Anatolian Fault zone and assessment of slip rate from carbonate veins. Tectonophysics, 2020, 795, 228633.	2.2	5
115	Quo vadis Zeus : is there a Zas shear zone on Naxos Island, Aegean Sea, Greece? A review of metamorphic history and new kinematic data. Journal of the Geological Society, 2021, 178, .	2.1	4
116	Long-term cooling history of the Albertine Rift: new evidence from the western rift shoulder, D.R. Congo. International Journal of Earth Sciences, 2016, 105, 1707-1728.	1.8	3
117	Magnetic properties of pseudotachylytes from western JÃmtland, central Swedish Caledonides. Solid Earth, 2020, 11, 807-828.	2.8	3
118	Deformation of the European Plate (58-0 Ma): Evidence from Calcite Twinning Strains. Geosciences (Switzerland), 2022, 12, 254.	2.2	3
119	Critical-wedge theory and the Mesozoic accretionary wedge of New Zealand. Journal of Structural Geology, 2019, 122, 1-10.	2.3	2
120	The importance of tangential motion in the Central Alps: Kinematic analysis and Rb Sr dating of mylonitic rocks from the Pennine nappes in the eastern Central Alps. Earth-Science Reviews, 2021, 218, 103644.	9.1	2
121	Structure and deformation history of Astypalea island, Aegean Sea. Bulletin of the Geological Society of Greece, 2001, 34, 329.	0.5	2
122	K-Ar fault-gouge dating in the Lower Buller gorge constrains the formation of the Paparoa Trough, West Coast, New Zealand. New Zealand Journal of Geology, and Geophysics, 2021, 64, 49-61.	1.8	1
123	Comment on â€œUranium series dating of Great Artesian Basin travertine deposits: Implications for palaeohydrogeology and palaeoclimateâ€•by Priestley et al. (2018). Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 537, 109420.	2.3	0