Aral I Okay

List of Publications by Year in descending order

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129	10,113	50	97
papers	citations	h-index	g-index
131	131	131	3659
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Diamond from the Dabie Shan Metamorphic Rocks and Its Implication for Tectonic Setting. Science, 1992, 256, 80-82.	12.6	765
2	Tethyan sutures of northern Turkey. Geological Society Special Publication, 1999, 156, 475-515.	1.3	633
3	Coesite from the Dabie Shan eclogites, central China. European Journal of Mineralogy, 1989, 1, 595-598.	1.3	465
4	Aegean tectonics: Strain localisation, slab tearing and trench retreat. Tectonophysics, 2013, 597-598, 1-33.	2.2	419
5	Kinematic history of the opening of the Black Sea and its effect on the surrounding regions. Geology, 1994, 22, 267.	4.4	345
6	Tectonics of an ultrahighâ€pressure metamorphic terrane: The Dabie Shan/Tongbai Shan Orogen, China. Tectonics, 1993, 12, 1320-1334.	2.8	311
7	Petrology of a diamond and coesite-bearing metamorphic terrain: Dabie Shan, China. European Journal of Mineralogy, 1993, 5, 659-676.	1.3	305
8	Apatite fission-track data for the Miocene Arabia-Eurasia collision. Geology, 2010, 38, 35-38.	4.4	296
9	Evidence for intracontinental thrust-related exhumation of the ultra-high-pressure rocks in China. Geology, 1992, 20, 411.	4.4	285
10	Obduction, subduction and collision as reflected in the Upper Cretaceous–Lower Eocene sedimentary record of western Turkey. Geological Magazine, 2001, 138, 117-142.	1.5	236
11	Active faults and evolving strike-slip basins in the Marmara Sea, northwest Turkey: a multichannel seismic reflection study. Tectonophysics, 2000, 321, 189-218.	2.2	229
12	Coeval plutonism and metamorphism in a latest Oligocene metamorphic core complex in northwest Turkey. Geological Magazine, 2000, 137, 495-516.	1.5	220
13	Post-collision magmatism and tectonics in northwest Anatolia. Contributions To Mineralogy and Petrology, 1994, 117, 241-252.	3.1	206
14	The tectonics of the Strandja Massif: late-Variscan and mid-Mesozoic deformation and metamorphism in the northern Aegean. International Journal of Earth Sciences, 2001, 90, 217-233.	1.8	185
15	An active, deep marine strike-slip basin along the North Anatolian fault in Turkey. Tectonics, 1999, 18, 129-147.	2.8	180
16	Exhumation of blueschists along a Tethyan suture in northwest Turkey. Tectonophysics, 1998, 285, 275-299.	2.2	168
17	Cretaceous and Triassic subduction-accretion, high-pressure-low-temperature metamorphism, and continental growth in the Central Pontides, Turkey. Bulletin of the Geological Society of America, 2006, 118, 1247-1269.	3.3	164
18	Tectonic evolution of the southern margin of Laurasia in the Black Sea region. International Geology Review, 2015, 57, 1051-1076.	2.1	148

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19	Early Cretaceous sedimentation and orogeny on the active margin of Eurasia: Southern Central Pontides, Turkey. Tectonics, 2013, 32, 1247-1271.	2.8	146
20	The Black Sea basins structure and history: New model based on new deep penetration regional seismic data. Part 2: Tectonic history and paleogeography. Marine and Petroleum Geology, 2015, 59, 656-670.	3.3	146
21	Triassic blueschists and eclogites from northwest Turkey: vestiges of the Paleo-Tethyan subduction. Lithos, 2002, 64, 155-178.	1.4	137
22	Defining the southern margin of Avalonia in the Pontides: Geochronological data from the Late Proterozoic and Ordovician granitoids from NW Turkey. Tectonophysics, 2008, 461, 252-264.	2.2	128
23	Post-collisional adakite-like magmatism in the AÄŸvanis Massif and implications for the evolution of the Eocene magmatism in the Eastern Pontides (NE Turkey). Lithos, 2011, 125, 131-150.	1.4	128
24	The Black Sea basins structure and history: New model based on new deep penetration regional seismic data. Part 1: Basins structure and fill. Marine and Petroleum Geology, 2015, 59, 638-655.	3.3	122
25	A coesite inclusion in dolomite in Dabie Shan, China: Petrological and rheological significance. European Journal of Mineralogy, 1994, 6, 995-1000.	1.3	115
26	Stratigraphic and metamorphic inversions in the central Menderes Massif: a new structural model. International Journal of Earth Sciences, 2001, 89, 709-727.	1.8	111
27	Tectonic setting, petrology and geochronology of jadeite + glaucophane and chloritoid + glaucophane schists from north-west Turkey. Journal of Metamorphic Geology, 1994, 12, 455-466.	3.4	110
28	Jadeite-chloritoid-glaucophane-lawsonite blueschists in north-west Turkey: unusually high P/T ratios in continental crust. Journal of Metamorphic Geology, 2002, 20, 757-768.	3.4	110
29	Pre-Alpide Palaeozoic and Mesozoic orogenic events in the Eastern Mediterranean region. Geological Society Memoir, 2006, 32, 389-405.	1.7	104
30	A fore-arc origin for the Thrace Basin, NW Turkey. Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1996, 85, 662-668.	1.3	101
31	Lowâ€pressure–highâ€ŧemperature metamorphism during extension in a Jurassic magmatic arc, Central Pontides, Turkey. Journal of Metamorphic Geology, 2014, 32, 49-69.	3.4	94
32	High-pressure/low-temperature metamorphic rocks of Turkey. Memoir of the Geological Society of America, 1986, , 333-347.	0.5	92
33	Variscan orogeny in the Black Sea region. International Journal of Earth Sciences, 2017, 106, 569-592.	1.8	91
34	Early Mesozoic subduction in the Eastern Mediterranean: Evidence from Triassic eclogite in northwest Turkey. Geology, 1997, 25, 595.	4.4	87
35	Was the Late Triassic orogeny in Turkey caused by the collision of an oceanic plateau?. Geological Society Special Publication, 2000, 173, 25-41.	1.3	81
36	Geochronology of Eocene plutonism and metamorphism in northwest. Geodinamica Acta, 2006, 19, 251-266.	2.2	81

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37	Accretion, underplating and exhumation along a subduction interface: From subduction initiation to continental subduction (Tavşanlı zone, W. Turkey). Lithos, 2015, 226, 233-254.	1.4	80
38	Mineralogy, petrology, and phase relations of glaucophane-lawsonite zone blueschists from the Tav?anli Region, Northwest Turkey. Contributions To Mineralogy and Petrology, 1980, 72, 243-255.	3.1	78
39	From transpression to transtension: changes in morphology and structure around a bend on the North Anatolian Fault in the Marmara region. Tectonophysics, 2004, 391, 259-282.	2.2	76
40	Tectonic Units and Sutures in the Pontides, Northern Turkey. , 1989, , 109-116.		74
41	Distribution and characteristics of the north-west Turkish blueschists. Geological Society Special Publication, 1984, 17, 455-466.	1.3	71
42	Rapid early-middle Miocene exhumation of the KazdaÄŸ Massif (western Anatolia). International Journal of Earth Sciences, 2009, 98, 1935-1947.	1.8	71
43	Sapphirine and Ti-clinohumite in ultra-high-pressure garnet-pyroxenite and eclogite from Dabie Shan, China. Contributions To Mineralogy and Petrology, 1994, 116, 145-155.	3.1	66
44	Sinistral transport along the Trans-European Suture Zone: detrital zirconâ€"rutile geochronology and sandstone petrography from the Carboniferous flysch of the Pontides. Geological Magazine, 2011, 148, 380-403.	1.5	62
45	Stratigraphy and Paleontology of the Upper Paleozoic Sequences in the Pulur (Bayburt) Region, Eastern Pontides. Turkish Journal of Earth Sciences, 1996, 5, 145-155.	1.0	62
46	Early Cretaceous closure of the Intra-Pontide Ocean in western Pontides (northwestern Turkey). Journal of Geodynamics, 2013, 65, 38-55.	1.6	61
47	Geodynamics of the Tavşanlı zone, western Turkey: Insights into subduction/obduction processes. Tectonophysics, 2013, 608, 884-903.	2.2	60
48	Alpine-Himalayan Blueschists. Annual Review of Earth and Planetary Sciences, 1989, 17, 55-87.	11.0	56
49	Paragonite eclogites from Dabie Shan, China: re-equilibration during exhumation?. Journal of Metamorphic Geology, 1995, 13, 449-460.	3.4	56
50	An Oligocene ductile strike-slip shear zone: The Uludag Massif, northwest TurkeyImplications for the westward translation of Anatolia. Bulletin of the Geological Society of America, 2008, 120, 893-911.	3.3	55
51	Carboniferous granites on the northern margin of Gondwana, Anatolide-Tauride Block, Turkey – Evidence for southward subduction of Paleotethys. Tectonophysics, 2016, 683, 349-366.	2.2	54
52	An olistostrome–mélange belt formed along a suture: Bornova Flysch zone, western Turkey. Tectonophysics, 2012, 568-569, 282-295.	2.2	49
53	Triassic limestone, turbidites and serpentinite–the Cimmeride orogeny in the Central Pontides. Geological Magazine, 2015, 152, 460-479.	1.5	49
54	Halogen (F, Cl, Br, I) behaviour in subducting slabs: A study of lawsonite blueschists in western Turkey. Earth and Planetary Science Letters, 2016, 442, 133-142.	4.4	49

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55	Ordovician metagranitoid from the Anatolideâ€Tauride Block, northwest Turkey: geodynamic implications. Terra Nova, 2008, 20, 280-288.	2.1	48
56	Incipient blueschist metamorphism and metasomatism in the Tav?anli region, Northwest Turkey. Contributions To Mineralogy and Petrology, 1982, 79, 361-367.	3.1	46
57	Fission-track evidence for late Oligocene and mid-Miocene activity along the North Anatolian Fault in south-western Thrace. Terra Nova, 2005, 17, 95-101.	2.1	44
58	Alpine high pressure evolution of the eastern Bitlis complex, SE Turkey. Geological Society Special Publication, 2010, 340, 461-483.	1.3	40
59	Thermochronology of the Miocene Arabia-Eurasia collision zone of southeastern Turkey. , 2018, 14, 2277-2293.		38
60	Sodic Amphiboles as Oxygen Fugacity Indicators in Metamorphism. Journal of Geology, 1980, 88, 225-232.	1.4	37
61	Metamorphic sole formation, emplacement and blueschist facies overprint: early subduction dynamics witnessed by western Turkey ophiolites. Terra Nova, 2016, 28, 329-339.	2.1	37
62	Petrology and phase relations of the kyanite-eclogites from eastern Turkey. Contributions To Mineralogy and Petrology, 1985, 91, 196-204.	3.1	36
63	An Exotic Eclogite/Blueschist Slice in a Barrovian Style Metamorphic Terrain, Alanya Nappes, Southern Turkey. Journal of Petrology, 1989, 30, 107-132.	2.8	36
64	P–T–t evolution of eclogite/blueschist facies metamorphism in Alanya Massif: time and space relations with HP event in Bitlis Massif, Turkey. International Journal of Earth Sciences, 2016, 105, 247-281.	1.8	36
65	Devonian radiolarian ribbon cherts from the Karakaya Complex, Northwest Turkey: Implications for the Paleo-Tethyan evolution. Comptes Rendus - Palevol, 2011, 10, 1-10.	0.2	35
66	Uplift of Anatolia. Turkish Journal of Earth Sciences, 2020, 29, 696-713.	1.0	35
67	HP/LT metamorphism and the structure of the Alanya Massif, Southern Turkey: an allochthonous composite tectonic sheet. Geological Society Special Publication, 1984, 17, 429-439.	1.3	34
68	Apatite fission-track thermochronology of the Western Pontides (NW Turkey). Geological Magazine, 2012, 149, 133-140.	1.5	34
69	Granulite Facies Gneisses from the Pulur Region, Eastern Pontides. Turkish Journal of Earth Sciences, 1996, 5, 55-61.	1.0	34
70	Late Cretaceous blueschist facies metamorphism in southern Thrace (Turkey) and its geodynamic implications. Journal of Metamorphic Geology, 2008, 26, 895-913.	3.4	31
71	Geological evolution of the Central Pontides. Geological Society Special Publication, 2018, 464, 33-67.	1.3	31
72	Tectonically induced Quaternary drainage diversion in the northeastern Aegean. Journal of the Geological Society, 2002, 159, 393-399.	2.1	29

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73	Lawsonite zone blueschists and a sodic amphibole producing reaction in the Tav?anli Region, Northwest Turkey. Contributions To Mineralogy and Petrology, 1981, 75, 179-186.	3.1	28
74	Jadeite–K-feldspar rocks and jadeitites from northwest Turkey. Mineralogical Magazine, 1997, 61, 835-843.	1.4	27
75	Far-field tectonic effects of the Arabia–Eurasia collision and the inception of the North Anatolian Fault system. Geological Magazine, 2014, 151, 372-379.	1.5	27
76	Triassic warm subduction in northeast <scp>T</scp> urkey: Evidence from the <scp>A</scp> ÄŸvanis metamorphic rocks. Island Arc, 2014, 23, 181-205.	1.1	27
77	Tectonic evolution of the Ganos segment of the North Anatolian Fault (NW Turkey). Journal of Structural Geology, 2009, 31, 11-28.	2.3	26
78	Evidence for a minimum $52~\rm{\^{A}\pm}~1~km$ of total offset along the northern branch of the North Anatolian Fault in northwest Turkey. Tectonophysics, 2016, 668-669, 35-41.	2.2	26
79	İzmirâ€Ankara Suture as a Triassic to Cretaceous Plate Boundary—Data From Central Anatolia. Tectonics, 2020, 39, e2019TC005849.	2.8	26
80	Stratigraphy and Larger Foraminifera of the Eocene Shallow-marine and Olistostromal Units of the Southern Part of the Thrace Basin, NW Turkey. Turkish Journal of Earth Sciences, 0, , .	1.0	26
81	Provenance of a large Lower Cretaceous turbidite submarine fan complex on the active Laurasian margin: Central Pontides, northern Turkey. Journal of Asian Earth Sciences, 2017, 134, 309-329.	2.3	25
82	Pre-collisional accretionary growth of the southern Laurasian active margin, Central Pontides, Turkey. Tectonophysics, 2016, 671, 218-234.	2.2	24
83	Stratigraphic and metamorphic inversions in the central Menderes massif. A new structural model. International Journal of Earth Sciences, 2002, 91, 173-178.	1.8	22
84	Detrital supply from subduction/accretion complexes to the Eocene–Oligocene post-collisional southern Thrace Basin (NW Turkey and NE Greece). Sedimentary Geology, 2012, 243-244, 117-129.	2.1	22
85	Evidence of Eocene high-temperature/high-pressure metamorphism of ophiolitic rocks and granitoid intrusion related to Neotethyan subduction processes (DoÄŸanÅŸehir area, SE Anatolia). Geological Society Special Publication, 2013, 372, 249-272.	1.3	22
86	A middle Permian ophiolite fragment in Late Triassic greenschist- to blueschist-facies rocks in NW Turkey: An earlier pulse of suprasubduction-zone ophiolite formation in the Tethyan belt. Lithos, 2018, 300-301, 121-135.	1.4	22
87	Partial highâ€pressure aragonitization of micritic limestones in an accretionary complex, TavÅŸanlı Zone, NW Turkey. Journal of Metamorphic Geology, 2006, 24, 603-613.	3.4	21
88	Triassic-Jurassic arc magmatism in the Pontides as revealed by the U-Pb detrital zircon ages in the Jurassic sandstones of northeastern Turkey. Turkish Journal of Earth Sciences, 2018, 27, 89-109.	1.0	20
89	Petroleum geology of the Black Sea: introduction. Geological Society Special Publication, 2018, 464, 1-18.	1.3	19
90	A precursor of the North Anatolian Fault in the Marmara Sea region. Journal of Asian Earth Sciences, 2010, 39, 97-108.	2.3	18

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91	Thermal structure of low-grade accreted Lower Cretaceous distal turbidites, the Central Pontides, Turkey: insights for tectonic thickening of an accretionary wedge. Turkish Journal of Earth Sciences, 2015, 24, 461-474.	1.0	18
92	Late Cretaceous infant intra-oceanic arc volcanism, the Central Pontides, Turkey: Petrogenetic and tectonic implications. Journal of Asian Earth Sciences, 2015, 111, 312-327.	2.3	18
93	Comment on "Relict Basin Closure and Crustal Shortening Budgets During Continental Collision: An Example From Caucasus Sediment Provenance―by Cowgill et al. (2016). Tectonics, 2018, 37, 1006-1016.	2.8	18
94	Lawsonite composition and zoning as tracers of subduction processes: A global review. Lithos, 2020, 370-371, 105636.	1.4	18
95	Silurian anorogenic basic and acidic magmatism in Northwest Turkey: Implications for the opening of the Paleo-Tethys. Lithos, 2020, 356-357, 105302.	1.4	17
96	Sodic pyroxenes from metabasites in the eastern mediterranean. Contributions To Mineralogy and Petrology, 1978, 68, 7-11.	3.1	16
97	Basement Types, Lower Eocene Series, Upper Eocene Olistostromes and the Initiation of the Southern Thrace Basin, NW Turkey. Turkish Journal of Earth Sciences, 0, , .	1.0	16
98	Carbonate sedimentation in an extensional active margin: Cretaceous history of the Haymana region, Pontides. International Journal of Earth Sciences, 2016, 105, 2013-2030.	1.8	15
99	Late Eocene–Early Oligocene two-mica granites in NW Turkey (the Uludağ Massif): Water-fluxed melting products of a mafic metagreywacke. Lithos, 2017, 268-271, 334-350.	1.4	15
100	No significant Alpine tectonic overprint on the Cimmerian Strandja Massif (SE Bulgaria and NW) Tj ETQq0 0 0 rg	BT /Overlo	ock 10 Tf 50 3
101	A Section Across a Tethyan Suture in Northwestern Turkey. International Geology Review, 1996, 38, 405-418.	2.1	14
102	The Thrace Basin and the Black Sea: the Eocene–Oligocene marine connection. Geological Magazine, 2019, 156, 39-61.	1.5	14
103	Oscillatory zoned chrome lawsonite in the Tavşanlı Zone, northwest Turkey. Mineralogical Magazine, 1999, 63, 687-692.	1.4	14
104	Mantle Lithosphere Rheology, Vertical Tectonics, and the Exhumation of (U)HP Rocks. Journal of Geophysical Research: Solid Earth, 2018, 123, 1824-1839.	3.4	13
105	Striking Variation in the Provenance of the Lower and Upper Cretaceous Turbidites in the Central Pontides (Northern Turkey) Related to the Opening of the Black Sea. Tectonics, 2019, 38, 1050-1069.	2.8	12
106	Major Late Cretaceous Mass Flows in Central Turkey Recording the Disruption of the Mesozoic Continental Margin. Tectonics, 2019, 38, 960-989.	2.8	12
107	International earth science literature from Turkey $\hat{a}\in$ " 1970 $\hat{a}\in$ "2005: Trends and possible causes. Scientometrics, 2008, 74, 409-423.	3.0	11
108	Reconstruction of a Late Jurassic–Early Cretaceous carbonate platform margin with composite biostratigraphy and microfacies analysis (western Sakarya Zone, Turkey): Paleogeographic and tectonic implications. Cretaceous Research, 2018, 92, 66-93.	1.4	9

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109	The Ypresian to Lutetian marine record in NW Turkey: a revised biostratigraphy and chronostratigraphy and implications for Eocene paleogeography. Turkish Journal of Earth Sciences, 2020, 29, 1-27.	1.0	9
110	Dating Subduction Events in East Anatolia, Turkey. Turkish Journal of Earth Sciences, 0, , .	1.0	8
111	Eocene-Oligocene succession at Kıyıköy (Midye) on the Black Sea coast in Thrace. Turkish Journal of Earth Sciences, 2020, 29, 139-153.	1.0	8
112	Subduction-accretion complex with boninitic ophiolite slices and Triassic limestone seamounts: Ankara MÃ@lange, central Anatolia. Geological Magazine, 2022, 159, 1699-1726.	1.5	7
113	Reassessment of the age and depositional environments of the Eocene \tilde{A} ‡ayraz Formation, a reference unit for Tethyan larger benthic foraminifera (Haymana Basin, central Turkey). Journal of Asian Earth Sciences, 2020, 193, 104304.	2.3	6
114	Late Oligoceneâ€"Early Miocene shortening in the Thrace Basin, northern Aegean. International Journal of Earth Sciences, 2021, 110, 1921-1936.	1.8	6
115	Provenance of the Paleozoic to Mesozoic Siliciclastic Rocks of the Istanbul Zone Constrains the Timing of the Rheic Ocean Closure in the Eastern Mediterranean Region. Tectonics, 2021, 40, e2021TC006824.	2.8	6
116	The oxygen fugacity stability of deerite: an alternative view. Journal of Metamorphic Geology, 1987, 5, 553-555.	3.4	4
117	Late Campanian larger benthic foraminifera from the Zekeriyaköy Formation (İstanbul, NW Turkey): taxonomy, stratigraphy, and paleogeography. Turkish Journal of Earth Sciences, 2021, 30, 1-21.	1.0	4
118	A fore-arc origin for the Thrace Basin, NW Turkey. Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1996, 85, 662-668.	1.3	4
119	Deep Structure of Central Menderes Massif: data from deep geothermal wells. Turkish Journal of Earth Sciences, 2019, 28, 531-543.	1.0	4
120	Twin Induced Reduction of Seismic Anisotropy in Lawsonite Blueschist. Minerals (Basel, Switzerland), 2021, 11, 399.	2.0	3
121	Biostratigraphy and paleoenvironments of the Oligocene succession(İhsaniye Formation) at Karaburun (NW Turkey). Turkish Journal of Earth Sciences, 2020, 29, 28-63.	1.0	3
122	Prograde calcite to aragonite transformation in the Gümüşyeniköy micritic limestones (Tavşanlı, NW) ⁻	Tj ETQq0 (O Q rgBT /Ove
123	The Early Eocene Ekmekçi granodiorite porphyry in the Karacabey region(Sakarya Zone, NW Turkey). Turkish Journal of Earth Sciences, 2019, 28, 589-602.	1.0	2
124	Multiple Orbitoides d'Orbigny lineages in the Maastrichtian? Data from the Central Sakarya Basin (Turkey) and Arabian Platform successions (Southeastern Turkey and Oman). Swiss Journal of Palaeontology, 2021, 140, .	1.7	2
125	Records of latest Triassic, mid-Cretaceous and Cenozoic uplift/exhumation phases in the Istanbul zone revealed by apatite fission-track and (U-Th)/He thermochronology. International Geology Review, 2022, 64, 297-310.	2.1	2
126	REE behavior in warm and cold subducting oceanic crust. International Journal of Earth Sciences, 2022, 111, 905-918.	1.8	2

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#	Article	IF	CITATIONS
127	New Records of Caudriella Haman and Huddleston from the Middle and Late Eocene of Neo-Tethys: Taxonomic and Palaeobiogeographic Implications. Journal of Foraminiferal Research, 2022, 52, 21-39.	0.5	2
128	A pelagic Upper Devonian sequence in Sarıyer, İstanbul. Turkish Journal of Earth Sciences, 2020, 29, 785-797.	1.0	1
129	Scientific Comment on McPhee et al "Preparing the ground for plateau growth: Late Neogene Central Anatolian uplift in the context of orogenic and geodynamic evolution since the Cretaceousâ€, Tectonophysics 822 (2022), 229131. Tectonophysics, 2022, 836, 229406.	2.2	0