

# Cenk Yaltirak

## List of Publications by Citations

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54  
papers

1,493  
citations

24  
h-index

37  
g-index

61  
ext. papers

1,615  
ext. citations

2.9  
avg, IF

4.64  
L-index

#	Paper	IF	Citations
54	Tectonic evolution of the Marmara Sea and its surroundings. <i>Marine Geology</i> , <b>2002</b> , 190, 493-529	3.3	134
53	Palaeogeographical evolution of the Thrace Neogene Basin and the Tethys-Paratethys relations at northwestern Turkey (Thrace). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>1999</b> , 153, 17-40	2.9	80
52	Origin of the Sea of Marmara as Deduced from Neogene to Quaternary Paleogeographic Evolution of its Frame. <i>International Geology Review</i> , <b>1997</b> , 39, 342-352	2.3	78
51	Tectonic elements controlling the evolution of the Gulf of Saros (northeastern Aegean Sea, Turkey). <i>Tectonophysics</i> , <b>1998</b> , 300, 227-248	3.1	73
50	Late Pleistocene uplift history along the southwestern Marmara Sea determined from raised coastal deposits and global sea-level variations. <i>Marine Geology</i> , <b>2002</b> , 190, 283-305	3.3	72
49	Origin of the Strait of İnanakkale (Dardanelles): regional tectonics and the Mediterranean-Marmara incursion. <i>Marine Geology</i> , <b>2000</b> , 164, 139-156	3.3	70
48	Kinematics and evolution of the northern branch of the North Anatolian Fault (Ganos Fault) between the Sea of Marmara and the Gulf of Saros. <i>Marine Geology</i> , <b>2002</b> , 190, 351-366	3.3	69
47	Characteristic features of the North Anatolian Fault in the eastern Marmara region and its tectonic evolution. <i>Marine Geology</i> , <b>2002</b> , 190, 329-350	3.3	54
46	Structural architecture of the Rhodes Basin: A deep depocentre that evolved since the Pliocene at the junction of Hellenic and Cyprus Arcs, eastern Mediterranean. <i>Marine Geology</i> , <b>2009</b> , 258, 1-23	3.3	52
45	The Fethiye-Burdur Fault Zone: A component of upper plate extension of the subduction transform edge propagator fault linking Hellenic and Cyprus Arcs, Eastern Mediterranean. <i>Tectonophysics</i> , <b>2014</b> , 635, 80-99	3.1	50
44	Miocene-Recent evolution of Anaximander Mountains and Finike Basin at the junction of Hellenic and Cyprus Arcs, eastern Mediterranean. <i>Marine Geology</i> , <b>2009</b> , 258, 24-47	3.3	43
43	The effects of the North Anatolian Fault Zone on the latest connection between Black Sea and Sea of Marmara. <i>Marine Geology</i> , <b>2002</b> , 190, 367-382	3.3	43
42	Westward propagation of North Anatolian fault into the northern Aegean: Timing and kinematics: Comment and Reply. <i>Geology</i> , <b>2000</b> , 28, 187	5	43
41	Geological evolution of the Gulf of Saros, NE Aegean Sea. <i>Geo-Marine Letters</i> , <b>1998</b> , 18, 1-9	1.9	39
40	Evolution of the middle strand of North Anatolian Fault and shallow seismic investigation of the southeastern Marmara Sea (Gemlik Bay). <i>Marine Geology</i> , <b>2002</b> , 190, 307-327	3.3	39
39	Evolution of the Bababurnu Basin and shelf of the Biga Peninsula: Western extension of the middle strand of the North Anatolian Fault Zone, Northeast Aegean Sea, Turkey. <i>Journal of Asian Earth Sciences</i> , <b>2012</b> , 57, 103-119	2.8	38
38	Pliocene-Quaternary tectonic evolution of the Gulf of Gökova, southwest Turkey. <i>Tectonophysics</i> , <b>2015</b> , 638, 158-176	3.1	35

37	Source to sink: The development of the latest Messinian to Pliocene-Quaternary Cilicia and Adana Basins and their linkages with the onland Mut Basin, eastern Mediterranean. <i>Tectonophysics</i> , <b>2014</b> , 622, 1-21	3.1	32
36	Evidence of NW extension of the North Anatolian Fault Zone in the Marmara Sea: a new interpretation of the Marmara Sea (Emit) earthquake on 17 August 1999. <i>Geo-Marine Letters</i> , <b>2001</b> , 21, 183-199	1.9	32
35	Miocene-Recent evolution of the western Antalya Basin and its linkage with the Isparta Angle, eastern Mediterranean. <i>Marine Geology</i> , <b>2014</b> , 349, 1-23	3.3	29
34	Early-Middle 1912 Earthquake's Tsunami, extension of the associated faulting in the Marmara Sea, Turkey. <i>Journal of Seismology</i> , <b>2003</b> , 7, 329-346	1.5	29
33	Late Pleistocene-Holocene evolution of the southern Marmara shelf and sub-basins: middle strand of the North Anatolian fault, southern Marmara Sea, Turkey. <i>Marine Geophysical Researches</i> , <b>2014</b> , 35, 69-85	2.3	25
32	The Pliocene-Quaternary tectonic evolution of the Cilicia and Adana basins, eastern Mediterranean: Special reference to the development of the Kozan Fault zone. <i>Tectonophysics</i> , <b>2014</b> , 622, 22-43	3.1	24
31	Monitoring of earthquake precursors by multi-parameter stations in Eskisehir region (Turkey). <i>Applied Geochemistry</i> , <b>2010</b> , 25, 572-579	3.5	24
30	Messinian crisis: What happened around the northeastern Aegean?. <i>Marine Geology</i> , <b>2005</b> , 221, 423-436	3.3	24
29	Extensional and compressional regime driven left-lateral shear in southwestern Anatolia (eastern Mediterranean): The Burdur-Fethiye Shear Zone. <i>Tectonophysics</i> , <b>2016</b> , 688, 26-35	3.1	21
28	The earthquakes and related tsunamis of October 6, 1944 and March 7, 1867; NE Aegean Sea. <i>Natural Hazards</i> , <b>2012</b> , 60, 3-25	3	20
27	Early Holocene age and provenance of a mid-shelf delta lobe south of the Strait of Bosphorus, Turkey, and its link to vigorous Black Sea outflow. <i>Marine Geology</i> , <b>2016</b> , 380, 113-137	3.3	19
26	Miocene to Quaternary tectonostratigraphic evolution of the middle section of the Burdur-Fethiye Shear Zone, south-western Turkey: Implications for the wide inter-plate shear zones. <i>Tectonophysics</i> , <b>2016</b> , 690, 336-354	3.1	18
25	Late Miocene-Recent evolution of the Finike Basin and its linkages with the Beydağları complex and the Anaximander Mountains, eastern Mediterranean. <i>Tectonophysics</i> , <b>2014</b> , 635, 59-79	3.1	16
24	Seismic stratigraphy and Quaternary sedimentary history of the northeast Aegean Sea. <i>Marine Geology</i> , <b>2008</b> , 254, 1-17	3.3	15
23	Magnitudes of future large earthquakes near Istanbul quantified from 1500 years of historical earthquakes, present-day microseismicity and GPS slip rates. <i>Tectonophysics</i> , <b>2019</b> , 764, 77-87	3.1	11
22	Discussion: a critique of Possible waterways between the Marmara Sea and the Black Sea in the late Quaternary: evidence from ostracod and foraminifer assemblages in lakes Enik and Sapanca, Turkey, <i>Geo-Marine Letters</i> , 2011. <i>Geo-Marine Letters</i> , <b>2012</b> , 32, 267-274	1.9	11
21	Reply to the comment by M.C. Alk on The Fethiye-Burdur Fault Zone: A component of upper plate extension of the subduction transform edge propagator fault linking Hellenic and Cyprus Arcs, Eastern Mediterranean. <i>Tectonophysics</i> , 635, 80-89, by J. Hall, A.E. Aksu, Elitez, C. Yaltirak and G. <i>Tectonophysics</i> , <b>2015</b> , 664, 5-13	3.1	9
20	Hydrogeology and hydrogeochemistry of Gölü Semi-arid basin (Eskişehir, Central Anatolia). <i>Environmental Earth Sciences</i> , <b>2011</b> , 64, 1433-1443	2.9	8

19	Modelling the provenance of detritus flushed through the Strait of Bosphorus, Turkey, during early Holocene outflow from the Black Sea to the world ocean. <i>Marine Geology</i> , <b>2017</b> , 390, 147-169	3.3	7
18	A case study of compression to escape tectonic transition: Tectonic evolution of the Nallıhan Wedge and comparison with the Tercan Wedge (Eastern Mediterranean, Turkey). <i>Journal of Asian Earth Sciences</i> , <b>2019</b> , 174, 311-331	2.8	7
17	Dramatic Pliocene-Quaternary subsidence of the southern Rhodes Basin and concomitant north-tilting and uplift of the Anaximander Mountains, the junction of Hellenic and Cyprus arcs, eastern Mediterranean Sea. <i>Tectonophysics</i> , <b>2019</b> , 762, 121-143	3.1	6
16	A critical review of the Kibyra Fault (Burdur-Fethiye Shear Zone, SW Turkey). <i>Geodinamica Acta</i> , <b>2017</b> , 29, 91-102	2	5
15	Northern segment of the North Anatolian Fault in the Gulf of Izmit inferred from marine magnetic anomalies. <i>Marine Geophysical Researches</i> , <b>2020</b> , 41, 1	2.3	4
14	Structural setting along the Western North Anatolian Fault and its influence on the 2014 North Aegean Earthquake (Mw 6.9). <i>Tectonophysics</i> , <b>2018</b> , 745, 382-394	3.1	4
13	A new chronostratigraphy (40Ar-39Ar and U-Pb dating) for the middle section of the Burdur-Fethiye Shear Zone, SW Turkey (eastern Mediterranean). <i>Turkish Journal of Earth Sciences</i> , <b>2018</b> , 27, 405-420	1.5	4
12	Organized patches of bioherm growth where the Strait of Dardanelles enters the Marmara Sea, Turkey. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2018</b> , 490, 325-346	2.9	4
11	Metamorphism, magmatism, and exhumation history of the Tavşanlı Zone, NW Turkey: new petrological constraints. <i>Turkish Journal of Earth Sciences</i> , <b>2018</b> , 27, 269-293	1.5	3
10	Vegetation and climate changes during the late Pliocene and early Pleistocene in SW Turkey □ Comment to the published paper by Jimenez-Moreno et al., Quaternary Research, 84 (2015), 448-456. <i>Quaternary Research</i> , <b>2016</b> , 85, 471-475	1.9	2
9	Reply: □ Characteristic features of the North Anatolian Fault in the Eastern Marmara Region and its tectonic evolution □ <i>Marine Geology</i> , <b>2003</b> , 194, 203-208	3.3	2
8	Slip distribution of the 2020 Elazığ Earthquake (Mw 6.75) and its influence on earthquake hazard in the Eastern Anatolia. <i>Geophysical Journal International</i> , <b>2020</b> , 224, 389-400	2.6	2
7	Miocene-Quaternary tectonic, kinematic and sedimentary evolution of the eastern Mediterranean Sea: A regional synthesis. <i>Earth-Science Reviews</i> , <b>2021</b> , 220, 103719	10.2	2
6	Outer Cilicia Basin □ A piggy back basin developed in an intramontane setting following the partitioning of a large ancestral Miocene basin across the northeastern Mediterranean. <i>Tectonophysics</i> , <b>2021</b> , 814, 228952	3.1	2
5	Comment on Analyses of Seismic Deformation at the Kibyra Roman Stadium, Southwest Turkey by Volkan Karabacak, İder Yılmaz, Eray Dönmez, Nafiye Genç, Kağan Erhan Altunel, Mustafa Özüoğlu, Cahit Bar Yalın, and Hakan Serdar Akyıldız. <i>Geoarchaeology - an International Journal</i> , <b>2014</b> , 29, 349-352	1.4	1
4	The uppermost Pleistocene-Holocene mud drape across the Marmara Sea: Quantification of detrital supply from southern Marmara rivers. <i>Sedimentary Geology</i> , <b>2021</b> , 415, 105851	2.8	1
3	Inversion structures across the crest of the Larnaka Ridge associated with strike-slip faulting during the uppermost Messinian-Quaternary, eastern Mediterranean. <i>Tectonophysics</i> , <b>2021</b> , 814, 228953	3.1	1
2	Reply to the comment on □ Miocene to Quaternary tectonostratigraphic evolution of the middle section of the Burdur-Fethiye Shear Zone, south-western Turkey: Implications for the wide inter-plate shear zones □ <i>Tectonophysics</i> , <b>2018</b> , 722, 601-606	3.1	

- 1 Surface runoff and carbonates-based definition of protection zones for Egirdir Lake in western Turkey. *Carbonates and Evaporites*, **2019**, 34, 67-82 1.3