Wout Krijgsman

List of Publications by Year
in descending order

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240 papers	16,104 citations	19655 61 h-index	21539 114 g-index
242 all docs	242 docs citations	242 times ranked	8634 citing authors

#	Article	IF	Citations
1	Chronology, causes and progression of the Messinian salinity crisis. Nature, 1999, 400, 652-655.	27.8	1,540
2	Synchronizing Rock Clocks of Earth History. Science, 2008, 320, 500-504.	12.6	1,229
3	Tibetan plateau aridification linked to global cooling at the Eoceneâ€“Oligocene transition. Nature, 2007, 445, 635-638.	27.8	501
4	The Neogene Period. , 2012, , 923-978.		500
5	The Messinian Salinity Crisis: Past and future of a great challenge for marine sciences. Marine Geology, 2014, 352, 25-58.	2.1	436
6	Extending the astronomical (polarity) time scale into the Miocene. Earth and Planetary Science Letters, 1995, 136, 495-510.	4.4	373
7	A calibrated mammal scale for the Neogene of Western Europe. State of the art. Earth-Science Reviews, 2001, 52, 247-260.	9.1	281
8	Age refinement of the Messinian salinity crisis onset in the Mediterranean. Terra Nova, 2013, 25, 315-322.	2.1	232
9	Late Eocene sea retreat from the Tarim Basin (west China) and concomitant Asian paleoenvironmental change. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 299, 385-398.	2.3	225
10	Late Neogene evolution of the Tazaâ€“Guercif Basin (Rifian Corridor, Morocco) and implications for the Messinian salinity crisis. Marine Geology, 1999, 153, 147-160.	2.1	207
11	Rise and fall of the Paratethys Sea during the Messinian Salinity Crisis. Earth and Planetary Science Letters, 2010, 290, 183-191.	4.4	194
12	Astrochronology for the Messinian Sorbas basin (SE Spain) and orbital (precessional) forcing for evaporite cyclicity. Sedimentary Geology, 2001, 140, 43-60.	2.1	176
13	Evolution of the Late Miocene Mediterraneanâ€“Atlantic gateways and their impact on regional and global environmental change. Earth-Science Reviews, 2015, 150, 365-392.	9.1	171
14	The Abad composite (SE Spain): a Messinian reference section for the Mediterranean and the APTS. Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 168, 141-169.	2.3	167
15	Late Miocene magnetostratigraphy, biostratigraphy and cyclostratigraphy in the Mediterranean. Earth and Planetary Science Letters, 1995, 136, 475-494.	4.4	160
16	A new chronology for the end-Triassic mass extinction. Earth and Planetary Science Letters, 2010, 291, 113-125.	4.4	158
17	Cyclostratigraphy and astrochronology of the Tripoli diatomite formation (pre-evaporite Messinian,) Tj ETQq1 1 0.784314 rgBT /Overl	2.1	156
18	Magnetostratigraphy of Cenozoic sediments from the Xining Basin: Tectonic implications for the northeastern Tibetan Plateau. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	149

#	Article	IF	Citations
19	Quaternary time scales for the Pontocaspian domain: Interbasinal connectivity and faunal evolution. Earth-Science Reviews, 2019, 188, 1-40.	9.1	147
20	Step-wise change of Asian interior climate preceding the Eoceneâ€“Oligocene Transition (EOT). Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 299, 399-412.	2.3	137
21	Astronomical constraints on the duration of the early Jurassic Hettangian stage and recovery rates following the end-Triassic mass extinction (St Audrie's Bay/East Quantoxhead, UK). Earth and Planetary Science Letters, 2010, 295, 262-276.	4.4	136
22	A new chronology for the middle to late Miocene continental record in Spain. Earth and Planetary Science Letters, 1996, 142, 367-380.	4.4	135
23	Integrated stratigraphy and astronomical tuning of the Serravallian and lower Tortonian at Monte dei Corvi (Middleâ€“Upper Miocene, northern Italy). Palaeogeography, Palaeoclimatology, Palaeoecology, 2003, 199, 229-264.	2.3	132
24	The Mediterranean: Mare Nostrum of Earth sciences. Earth and Planetary Science Letters, 2002, 205, 1-12.	4.4	125
25	A quantitative analysis of the desiccation and re-filling of the Mediterranean during the Messinian Salinity Crisis. Earth and Planetary Science Letters, 2005, 240, 510-520.	4.4	123
26	The upper Miocene mammal record from the Teruel-Alfambra region (Spain). The MN system and continental stage/age concepts discussed. Journal of Vertebrate Paleontology, 2001, 21, 367-385.	1.0	119
27	The onset of the Messinian salinity crisis in the Eastern Mediterranean (Pissouri Basin, Cyprus). Earth and Planetary Science Letters, 2002, 194, 299-310.	4.4	119
28	Linking Tarim Basin sea retreat (west China) and Asian aridification in the late Eocene. Basin Research, 2014, 26, 621-640.	2.7	119
29	Towards an astrochronological framework for the eastern Paratethys Mioâ€“Pliocene sedimentary sequences of the FocÅŸani basin (Romania). Earth and Planetary Science Letters, 2004, 227, 231-247.	4.4	117
30	Evidence for Africanâ€“Iberian exchanges during the Messinian in the Spanish mammalian record. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 238, 5-14.	2.3	117
31	Age of the Badenian salinity crisis; impact of Miocene climate variability on the circum-Mediterranean region. Geology, 2010, 38, 715-718.	4.4	117
32	The 'Tortonian salinity crisis' of the eastern Betics (Spain). Earth and Planetary Science Letters, 2000, 181, 497-511.	4.4	115
33	Chronology of the late Turolian deposits of the Fortuna basin (SE Spain): implications for the Messinian evolution of the eastern Betics. Earth and Planetary Science Letters, 1998, 163, 69-81.	4.4	114
34	Long-period orbital control on middle Miocene global cooling: Integrated stratigraphy and astronomical tuning of the Blue Clay Formation on Malta. Paleoceanography, 2005, 20, n/a-n/a.	3.0	113
35	Integrated stratigraphy and astrochronology of the Messinian GSSP at Oued Akrech (Atlantic) Tj ETQq1 1 0.784314 rgBT /Overlock 1	4.4	108
36	Integrated stratigraphy and astronomical calibration of the Serravallian/Tortonian boundary section at Monte Gibliscemi (Sicily, Italy). Marine Micropaleontology, 2000, 38, 181-211.	1.2	104

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37	The Gibraltar Corridor: Watergate of the Messinian Salinity Crisis. Marine Geology, 2018, 403, 238-246.	2.1	104
38	The Messinian of the Nijar Basin (SE Spain): sedimentation, depositional environments and paleogeographic evolution. Sedimentary Geology, 2003, 160, 213-242.	2.1	103
39	Putative greigite magnetofossils from the Pliocene epoch. Nature Geoscience, 2008, 1, 782-786.	12.9	96
40	Depositional environments of the Mediterranean â€œLower Evaporitesâ€•of the Messinian salinity crisis: Constraints from quantitative analyses. Marine Geology, 2008, 253, 73-81.	2.1	93
41	Oligoceneâ€“Miocene basin evolution in SE Anatolia, Turkey: constraints on the closure of the eastern Tethys gateway. Geological Society Special Publication, 2009, 311, 107-132.	1.3	90
42	The age of the Tortonian/Messinian boundary. Earth and Planetary Science Letters, 1994, 121, 533-547.	4.4	87
43	Messinian pre-evaporite sapropels and precession-induced oscillations in western Mediterranean climate. Marine Geology, 1999, 153, 137-146.	2.1	86
44	Paleoenvironmental evolution of the eastern Mediterranean during the Messinian: Constraints from integrated microfossil data of the Pissouri Basin (Cyprus). Marine Micropaleontology, 2006, 60, 17-44.	1.2	86
45	Palaeoenvironmental reconstruction of a middle Miocene alluvial fan to cyclic shallow lacustrine depositional system in the Calatayud Basin (NE Spain). Sedimentology, 2003, 50, 211-236.	3.1	82
46	The upper Tortonianâ€“lower Messinian at Monte dei Corvi (Northern Apennines, Italy): Completing a Mediterranean reference section for the Tortonian Stage. Earth and Planetary Science Letters, 2009, 282, 140-157.	4.4	82
47	Magnetostratigraphic dating of the middle Miocene climate change in the continental deposits of the Aragonian type area in the Calatayud-Teruel basin (Central Spain). Earth and Planetary Science Letters, 1994, 128, 513-526.	4.4	81
48	Completing the Neogene geological time scale between 8.5 and 12.5ÂMa. Earth and Planetary Science Letters, 2007, 253, 340-358.	4.4	80
49	Paleoenvironmental evolution of the East Carpathian foredeep during the late Mioceneâ€“early Pliocene (Dacian Basin; Romania). Global and Planetary Change, 2013, 103, 135-148.	3.5	76
50	The Neogene Period. , 2020, , 1141-1215.		75
51	Regional isostatic response to Messinian Salinity Crisis events. Tectonophysics, 2009, 463, 109-129.	2.2	74
52	Stratigraphy and sedimentology of the Aragonian (Early to Middle Miocene) in its type area (North-Central Spain). Newsletters on Stratigraphy, 1999, 37, 103-139.	1.2	74
53	The isolation of the Pannonian basin (Central Paratethys): New constraints from magnetostratigraphy and biostratigraphy. Global and Planetary Change, 2013, 103, 99-118.	3.5	72
54	Aragonian stratigraphy reconsidered, and a re-evaluation of the middle Miocene mammal biochronology in Europe. Earth and Planetary Science Letters, 1999, 165, 287-294.	4.4	71

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55	A magnetostratigraphic time frame for Plio-Pleistocene transgressions in the South Caspian Basin, Azerbaijan. Global and Planetary Change, 2013, 103, 119-134.	3.5	70
56	Magnetostratigraphy and radio-isotope dating of upper Mioceneâ€“lower Pliocene sedimentary successions of the Black Sea Basin (Taman Peninsula, Russia). Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 310, 163-175.	2.3	69
57	The Global Boundary Stratotype Section and Point (GSSP) of the Messinian Stage (uppermost Miocene). Episodes, 2000, 23, 172-178.	1.2	68
58	Chronostratigraphic framework and evolution of the Fortuna basin (Eastern Betics) since the Late Miocene. Basin Research, 2001, 13, 199-216.	2.7	67
59	Magnetostratigraphy concepts, definitions, and applications. Newsletters on Stratigraphy, 2010, 43, 207-233.	1.2	66
60	Paratethyan ostracods in the Spanish Lago-Mare: More evidence for interbasinal exchange at high Mediterranean sea level. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 441, 854-870.	2.3	66
61	Mio-Pliocene magnetostratigraphy in the southern Carpathian foredeep and Mediterranean-Paratethys correlations. Terra Nova, 2005, 17, 376-384.	2.1	65
62	On the late Miocene closure of the Mediterraneanâ€“Atlantic gateway through the Guadix basin (southern Spain). Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 291, 167-179.	2.3	65
63	Astrochronology of the Mediterranean Langhian between 15.29 and 14.17Ma. Earth and Planetary Science Letters, 2010, 290, 254-269.	4.4	64
64	Present status of the astronomical (polarity) time-scale for the Mediterranean Late Neogene. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 1931-1947.	3.4	63
65	Paleomagnetic and chronostratigraphic constraints on the Middle to Late Miocene evolution of the Transylvanian Basin (Romania): Implications for Central Paratethys stratigraphy and emplacement of the Tiszaâ€“Dacia plate. Global and Planetary Change, 2013, 103, 82-98.	3.5	63
66	Identification and environmental interpretation of diagenetic and biogenic greigite in sediments: A lesson from the Messinian Black Sea. Geochemistry, Geophysics, Geosystems, 2014, 15, 3612-3627.	2.5	63
67	Early diagenetic greigite as a recorder of the palaeomagnetic signal in Miocene-Pliocene sedimentary rocks of the Carpathian foredeep (Romania). Geophysical Journal International, 2007, 171, 613-629.	2.4	61
68	Paleomagnetic and geochronologic constraints on the geodynamic evolution of the Central Dinarides. Tectonophysics, 2012, 530-531, 286-298.	2.2	61
69	Changing seas in the Earlyâ€“Middle Miocene of Central Europe: a Mediterranean approach to Paratethyan stratigraphy. Terra Nova, 2017, 29, 273-281.	2.1	61
70	The Global boundary Stratotype Section and Point (GSSP) of the Tortonian Stage (Upper Miocene) at Monte Dei Corvi. Episodes, 2005, 28, 6-17.	1.2	61
71	Breakthrough made in dating of the geological record. Eos, 1997, 78, 285.	0.1	60
72	Messinian astrochronology of the Melilla Basin: Stepwise restriction of the Mediterraneanâ€“Atlantic connection through Morocco. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 238, 15-31.	2.3	60

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73	No major deglaciation across the Miocene-Pliocene boundary: Integrated stratigraphy and astronomical tuning of the Loulja sections (Bou Regreg area, NW Morocco). Paleoceanography, 2006, 21, .	3.0	60
74	Sandy contourite drift in the late Miocene Rifian Corridor (Morocco): Reconstruction of depositional environments in a foreland-basin seaway. Sedimentary Geology, 2017, 355, 31-57.	2.1	60
75	Post-early Messinian counterclockwise rotations on Crete: implications for Late Miocene to Recent kinematics of the southern Hellenic arc. Tectonophysics, 1998, 298, 177-189.	2.2	59
76	An astronomical polarity timescale for the late middle Miocene based on cyclic continental sequences. Journal of Geophysical Research, 2003, 108, .	3.3	59
77	Discrete Plio-Pleistocene phases of tilting and counterclockwise rotation in the southeastern Aegean arc (Rhodos, Greece): early Pliocene formation of the south Aegean left-lateral strike-slip system. Journal of the Geological Society, 2007, 164, 1133-1144.	2.1	58
78	Messinian salinity crisis: A novel unifying shallow gypsum/deep dolomite formation mechanism. Marine Geology, 2010, 275, 273-277.	2.1	58
79	One or two oroclines in the Variscan orogen of Iberia? Implications for Pangea amalgamation. Geology, 2015, 43, 527-530.	4.4	58
80	Middle Miocene paleoenvironmental crises in Central Eurasia caused by changes in marine gateway configuration. Global and Planetary Change, 2017, 158, 57-71.	3.5	58
81	The Global Stratotype Section and Point (GSSP) of the Serravallian Stage (Middle Miocene). Episodes, 2009, 32, 152-166.	1.2	58
82	A new magnetostratigraphic framework for the Lower Miocene (Burdigalian/Ottnangian, Karpatian) in the North Alpine Foreland Basin. Swiss Journal of Geosciences, 2013, 106, 309-334.	1.2	57
83	Impact of the Messinian Salinity Crisis on Black Sea hydrologyâ€"Insights from hydrogen isotopes analysis on biomarkers. Earth and Planetary Science Letters, 2013, 362, 272-282.	4.4	57
84	The Badenianâ€"Sarmatian Extinction Event in the Carpathian foredeep basin of Romania: Paleogeographic changes in the Paratethys domain. Global and Planetary Change, 2015, 133, 346-358.	3.5	56
85	Astronomical forcing of sedimentary cycles in the middle to late Miocene continental Calatayud Basin (NE Spain). Earth and Planetary Science Letters, 2000, 177, 9-22.	4.4	54
86	Magnetostratigraphic dating of the proposed Rhaetian GSSP at Steinbergkogel (Upper Triassic,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 203-216.	4.4	54
87	Paratethyanâ€"Mediterranean connectivity in the Sea of Marmara region (NW Turkey) during the Messinian. Sedimentary Geology, 2006, 188-189, 171-187.	2.1	53
88	Long-period eccentricity control on sedimentary sequences in the continental Madrid Basin (middle) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.4	53
89	Palaeogeographic evolution of the late Miocene Rifian Corridor (Morocco): Reconstructions from surface and subsurface data. Earth-Science Reviews, 2018, 180, 37-59.	9.1	52
90	Tectonic and climatic controls on coastal sedimentation: The Late Plioceneâ€"Middle Pleistocene of northeastern Rhodes, Greece. Sedimentary Geology, 2006, 187, 159-181.	2.1	50

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91	Lowâ€temperature magnetic properties of pelagic carbonates: Oxidation of biogenic magnetite and identification of magnetosome chains. Journal of Geophysical Research: Solid Earth, 2013, 118, 6049-6065.	3.4	50
92	The Monte del Casino section (Northern Apennines, Italy): a potential Tortonian/Messinian boundary stratotype?. Palaeogeography, Palaeoclimatology, Palaeoecology, 1997, 133, 27-47.	2.3	49
93	Paleogeographic evolution of the Southern Pannonian Basin: 40Ar/39Ar age constraints on the Miocene continental series of Northern Croatia. International Journal of Earth Sciences, 2012, 101, 1033-1046.	1.8	49
94	On the age of the continentaldeposits of the Zorreras Member (Sorbas Basin, SE Spain). Geobios, 2000, 33, 505-512.	1.4	48
95	Mediterranean outflow pump: An alternative mechanism for the Lago-mare and the end of the Messinian Salinity Crisis. Geology, 2016, 44, 523-526.	4.4	48
96	Messinian sea level fall in the Dacic Basin (Eastern Paratethys): palaeogeographical implications from seismic sequence stratigraphy. Terra Nova, 2010, 22, 12-17.	2.1	47
97	Shallow bias in Mediterranean paleomagnetic directions caused by inclination error. Earth and Planetary Science Letters, 2004, 222, 685-695.	4.4	46
98	E/I corrected paleolatitudes for the sedimentary rocks of the Baja British Columbia hypothesis. Earth and Planetary Science Letters, 2006, 242, 205-216.	4.4	46
99	The age of the Sarmatianâ€“Pannonian transition in the Transylvanian Basin (Central Paratethys). Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 297, 54-69.	2.3	46
100	Tectonic control for evaporite formation in the Eastern Betics (Tortonian; Spain). Sedimentary Geology, 2006, 188-189, 155-170.	2.1	45
101	Chronology and integrated stratigraphy of the Miocene Sinj Basin (Dinaride Lake System, Croatia). Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 292, 155-167.	2.3	45
102	Thick-skinned tectonics closing the Rifian Corridor. Tectonophysics, 2017, 710-711, 249-265.	2.2	45
103	Late Miocene contourite channel system reveals intermittent overflow behavior. Geology, 2020, 48, 1194-1199.	4.4	45
104	Early Pleistocene climate cycles in continental deposits of the Lesser Caucasus of Armenia inferred from palynology, magnetostratigraphy, and 40Ar/39Ar dating. Earth and Planetary Science Letters, 2010, 291, 149-158.	4.4	44
105	Magnetic polarity stratigraphy of late Oligocene to middle Miocene mammal-bearing continental deposits in Central Anatolia (Turkey). Newsletters on Stratigraphy, 1996, 34, 13-29.	1.2	44
106	Direct comparison of astronomical and40Ar/39Ar ages of ash beds: Potential implications for the age of mineral dating standards. Geophysical Research Letters, 1997, 24, 2043-2046.	4.0	43
107	Western versus eastern Mediterranean paleoceanographic response to astronomical forcing: a high-resolution microplankton study of precession-controlled sedimentary cycles during the Messinian. Palaeogeography, Palaeoclimatology, Palaeoecology, 2003, 190, 317-334.	2.3	43
108	Astronomical forcing in Upper Miocene continental sequences: implications for the Geomagnetic Polarity Time Scale. Earth and Planetary Science Letters, 2004, 222, 243-258.	4.4	43

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109	Mediterranean-Paratethys connectivity during the Messinian salinity crisis: The Pontian of Azerbaijan. Global and Planetary Change, 2016, 141, 63-81.	3.5	43
110	Quaternary volcano-lacustrine patterns and palaeobotanical data in southern Armenia. Quaternary International, 2010, 223-224, 312-326.	1.5	42
111	The role of gateways in the evolution of temperature and salinity of semi-enclosed basins: An oceanic box model for the Miocene Mediterranean Sea and Paratethys. Global and Planetary Change, 2011, 79, 73-88.	3.5	42
112	Magnetic detection and characterization of biogenic magnetic minerals: A comparison of ferromagnetic resonance and firstâ€order reversal curve diagrams. Journal of Geophysical Research: Solid Earth, 2014, 119, 6136-6158.	3.4	42
113	Calcareous nannofossil biostratigraphy of the M. del Casino section (northern Apennines, Italy) and paleoceanographic conditions at times of Late Miocene sapropel formation. Marine Micropaleontology, 1999, 36, 13-30.	1.2	41
114	A Late Pleistocene clockwise rotation phase of Zakynthos (Greece) and implications for the evolution of the western Aegean arc. Earth and Planetary Science Letters, 1999, 173, 315-331.	4.4	41
115	Late Miocene to Early Pliocene depositional history of the intramontane Florinaâ€“Ptolemaisâ€“Servia Basin, NW Greece: Interplay between orbital forcing and tectonics. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 238, 151-178.	2.3	40
116	Black Sea desiccation during the Messinian Salinity Crisis: Fact or fiction?. Geology, 2014, 42, 563-566.	4.4	40
117	Late Miocene megalake regressions in Eurasia. Scientific Reports, 2021, 11, 11471.	3.3	40
118	Freshening of the Mediterranean Salt Giant: controversies and certainties around the terminal (Upper) Tj ETQq0 0 0 rgBT /Overlock 10 T	9.1	39
119	Late Miocene Mediterranean desiccation: topography and significance of the â€˜Salinity Crisisâ€™ erosion surface on-land in southeast Spain: Comment. Sedimentary Geology, 2000, 133, 167-174.	2.1	38
120	Palaeoenvironmental evolution of Lake Gacko (Southern Bosnia and Herzegovina): Impact of the Middle Miocene Climatic Optimum on the Dinaride Lake System. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 299, 475-492.	2.3	38
121	Astronomically-calibrated magnetostratigraphy of the Lower Jurassic marine successions at St. Audrie's Bay and East Quantoxhead (Hettangianâ€“Sinemurian; Somerset, UK). Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 403, 43-56.	2.3	38
122	Paratethys response to the Messinian salinity crisis. Earth-Science Reviews, 2017, 172, 193-223.	9.1	38
123	Strontium isotope ratios of the Eastern Paratethys during the Mio-Pliocene transition; Implications for interbasinal connectivity. Earth and Planetary Science Letters, 2010, 292, 123-131.	4.4	37
124	The end of the Great Khersonian Drying of Eurasia: Magnetostratigraphic dating of the Maeotian transgression in the Eastern Paratethys. Basin Research, 2019, 31, 33-58.	2.7	37
125	Mollusc assemblages of the Pontian and Dacian deposits from the Topolog-ArgeÅŸ area (southern) Tj ETQq1 1 0.784314 rgBT /Overlo	1.4	36
126	Cenozoic Rotation History of Borneo and Sundaland, SE Asia Revealed by Paleomagnetism, Seismic Tomography, and Kinematic Reconstruction. Tectonics, 2018, 37, 2486-2512.	2.8	36

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127	Magnetostratigraphy of the Zobzit and Koudiat Zarga sections (Taza-Guercif basin, Morocco): implications for the evolution of the Rifian Corridor. Marine and Petroleum Geology, 2000, 17, 359-371.	3.3	35
128	Neogene tectonic evolution of the southern and eastern Carpathians constrained by paleomagnetism. Earth and Planetary Science Letters, 2005, 236, 374-387.	4.4	35
129	The Tortonian reference section at Monte dei Corvi (Italy): evidence for early remanence acquisition in greigite-bearing sediments. Geophysical Journal International, 2009, 179, 125-143.	2.4	35
130	Messinian events in the Black Sea. Terra Nova, 2015, 27, 433-441.	2.1	35
131	Conceptual models for shortâ€eccentricityâ€scale climate control on peat formation in a lower Palaeocene fluvial system, northâ€eastern Montana (<scp>USA</scp>). Sedimentology, 2018, 65, 775-808.	3.1	35
132	Mediterranean isolation preconditioning the Earth System for late Miocene climate cooling. Scientific Reports, 2019, 9, 3795.	3.3	35
133	Palaeomagnetic constraints on the geodynamic evolution of the Gibraltar Arc. Terra Nova, 2004, 16, 281-287.	2.1	34
134	Integrated stratigraphy of the Early Miocene lacustrine deposits of Pag Island (SW Croatia): Palaeovegetation and environmental changes in the Dinaride Lake System. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 280, 193-206.	2.3	34
135	Quantifying Arabiaâ€“Eurasia convergence accommodated in the Greater Caucasus by paleomagnetic reconstruction. Earth and Planetary Science Letters, 2018, 482, 454-469.	4.4	34
136	Paleomagnetism of the Central Iberian curve's putative hinge: Too many oroclines in the Iberian Variscides. Gondwana Research, 2016, 39, 96-113.	6.0	33
137	Integrated bio-magnetostratigraphy of the Badenian reference section Ugljevik in southern Pannonian Basin - implications for the Paratethys history (middle Miocene, Central Europe). Global and Planetary Change, 2019, 172, 374-395.	3.5	32
138	Sedimentary architecture and depositional controls of a Pliocene river-dominated delta in the semi-isolated Dacian Basin, Black Sea. Sedimentary Geology, 2018, 368, 1-23.	2.1	31
139	Source to sink transport in the Oligocene Huagang Formation of the Xihu Depression, East China Sea Shelf Basin. Marine and Petroleum Geology, 2018, 98, 733-745.	3.3	30
140	Recurrent phases of drought in the upper Miocene of the Black Sea region. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 423, 18-31.	2.3	29
141	DATING BORNEO'S DELTAIC DELUGE: MIDDLE MIOCENE PROGRADATION OF THE MAHAKAM DELTA. Palaios, 2015, 30, 7-25.	1.3	28
142	Paleomagnetic constraints on the early Miocene closure of the southern Neo-Tethys (Van region; East) Tj ETQq0 0 0 rgBT /Overlock 10 T 185, 103089.	3.5	28
143	Integrated quantitative biostratigraphy of the latest Tortonianâ€“early Messinian Pissouri section (Cyprus): An evaluation of calcareous plankton bioevents. Geobios, 2007, 40, 267-279.	1.4	27
144	Age refinement and basin evolution of the North Rifian Corridor (Morocco): No evidence for a marine connection during the Messinian Salinity Crisis. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 485, 416-432.	2.3	27

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145	Pollen record and integrated high-resolution chronology of the early Pliocene Dacic Basin (southwestern Romania). Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 238, 78-90.	2.3	26
146	New 40Ar/39Ar, magnetostratigraphic and biostratigraphic constraints on the termination of the Badenian Salinity Crisis: Indications for tectonic improvement of basin interconnectivity in Southern Europe. Global and Planetary Change, 2018, 169, 1-15.	3.5	26
147	Paratethys pacing of the Messinian Salinity Crisis: Low salinity waters contributing to gypsum precipitation?. Earth and Planetary Science Letters, 2020, 532, 116029.	4.4	26
148	The shutdown of an anoxic giant: Magnetostratigraphic dating of the end of the Maikop Sea. Gondwana Research, 2019, 67, 82-100.	6.0	25
149	Rock-magnetic properties of multicomponent natural remanent magnetization in alluvial red beds (NE) Tj ETQq1 1 0.784314 rgBT /Over	2.4	24
150	Timing of Late Pliocene to Middle Pleistocene tectonic events in Rhodes (Greece) inferred from magneto-biostratigraphy and 40Ar/39Ar dating of a volcaniclastic layer. Earth and Planetary Science Letters, 2006, 250, 281-291.	4.4	24
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