Mordechai Stein

List of Publications by Year
in descending order

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161 papers	9,696 citations	34105 52 h-index	40979 93 g-index
162 all docs	162 docs citations	162 times ranked	5109 citing authors

#	Article	IF	Citations
1	Hydrological and thermodynamic controls on late Holocene gypsum formation by mixing saline groundwater and Dead Sea brine. Geochimica Et Cosmochimica Acta, 2022, 316, 363-383.	3.9	4
2	High resolution environmental conditions of the last interglacial (MIS5e) in the Levant from Sr, C and O isotopes from a Jerusalem stalagmite. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 586, 110761.	2.3	4
3	Holocene sea levels at the Gulf of Aqaba, northern Red Sea. Quaternary Science Reviews, 2022, 277, 107278.	3.0	0
4	Gypsum Deltas at the Holocene Dead Sea Linked to Grand Solar Minima. Geophysical Research Letters, 2021, 48, e2020GL091034.	4.0	8
5	Decadal Geomagnetic Secular Variations From Greigite Bearing Dead Sea Sediments. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009665.	2.5	4
6	Development of the Nile Littoral Cell during the past 8.2 kyr. Quaternary Science Reviews, 2021, 274, 107262.	3.0	6
7	Magnetic Properties of Late Holocene Dead Sea Sediments as a Monitor of Regional Hydroclimate. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009176.	2.5	4
8	Revised chronology of the ICDP Dead Sea deep drill core relates drier-wetter-drier climate cycles to insolation over the past 220 kyr. Quaternary Science Reviews, 2020, 244, 106460.	3.0	21
9	RADIOCARBON RESERVOIR AGES IN THE HOLOCENE DEAD SEA. Radiocarbon, 2020, 62, 1453-1473.	1.8	1
10	Synoptic stability and anomalies in NE China inferred from dust provenance of Sihailongwan maar sediments during the past â^¼80 kyr. Quaternary Science Reviews, 2020, 239, 106279.	3.0	8
11	Reply to Charrach (2019) comment on â€œMount Sedom salt diapir - Source for sulfate replenishment and gypsum supersaturation in the last glacial Dead Sea (Lake Lisan)â€•by Levy etÂal. (2019). Quaternary Science Reviews, 2020, 231, 106111.	3.0	1
12	Carbonate 17Oexcess as a paleo-hydrology proxy: Triple oxygen isotope fractionation between H2O and biogenic aragonite, derived from freshwater mollusks. Geochimica Et Cosmochimica Acta, 2020, 275, 36-47.	3.9	25
13	Droughts, flooding events, and shifts in water sources and seasonality characterize last interglacial Levant climate. Quaternary Science Reviews, 2020, 248, 106546.	3.0	11
14	The ICDP Dead Sea deep drilling project â€“ introduction. Quaternary Science Reviews, 2020, 249, 106639.	3.0	2
15	Mount Sedom salt diapir - Source for sulfate replenishment and gypsum supersaturation in the last glacial Dead Sea (Lake Lisan). Quaternary Science Reviews, 2019, 221, 105871.	3.0	10
16	Mobilization of fine detritus to the Dead Sea Basin during the late glacial and early Holocene. Quaternary Science Reviews, 2019, 218, 395-405.	3.0	14
17	Constraints on aragonite precipitation in the Dead Sea from geochemical measurements of flood plumes. Quaternary Science Reviews, 2019, 221, 105876.	3.0	26
18	The sedimentary and environmental history of Tortonian-Messinian lakes at the east Mediterranean margins (northern Israel). Sedimentary Geology, 2019, 383, 268-292.	2.1	10

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19	Formation of lacustrine dolomite in the late Miocene marginal lakes of the East Mediterranean (Northern Israel). Sedimentology, 2019, 66, 2950-2975.	3.1	8
20	Sedimentary, geochemical and hydrological history of Lake Kinneret during the past 28,000 years. Quaternary Science Reviews, 2019, 209, 114-128.	3.0	10
21	Medieval Climate in the Eastern Mediterranean: Instability and Evidence of Solar Forcing. Atmosphere, 2019, 10, 29.	2.3	17
22	Spatial and temporal reconstruction of the late Quaternary Dead Sea sedimentary facies from geophysical properties. Journal of Applied Geophysics, 2019, 160, 15-27.	2.1	10
23	Salt precipitation and dissolution in the late Quaternary Dead Sea: Evidence from chemical and Î´37Cl composition of pore fluids and halites. Earth and Planetary Science Letters, 2018, 487, 127-137.	4.4	13
24	Integrated Paleoseismic Chronology of the Last Glacial Lake Lisan: From Lake Margin Seismites to Deepâ€Lake Mass Transport Deposits. Journal of Geophysical Research: Solid Earth, 2018, 123, 2806-2824.	3.4	29
25	Enhanced Saharan dust input to the Levant during Heinrich stadials. Quaternary Science Reviews, 2018, 186, 142-155.	3.0	12
26	Synoptic conditions of fine-particle transport to the last interglacial Red Sea-Dead Sea from Nd-Sr compositions of sediment cores. Quaternary Science Reviews, 2018, 179, 123-136.	3.0	16
27	Overwriting of sedimentary magnetism by bacterially mediated mineral alteration. Geology, 2018, 46, 291-294.	4.4	18
28	The circulation of the Dead Sea brine in the regional aquifer. Earth and Planetary Science Letters, 2018, 493, 242-261.	4.4	21
29	Late Quaternary climate in southern China deduced from Srâ€“Nd isotopes of Huguangyan Maar sediments. Earth and Planetary Science Letters, 2018, 496, 10-19.	4.4	14
30	Geochemical characterization of contemporary fine detritus in the Dead Sea watershed. Chemical Geology, 2018, 494, 30-42.	3.3	17
31	Last interglacial sea levels and regional tectonics from fossil coral reefs in the northeast Gulf of Aqaba. Quaternary Science Reviews, 2018, 191, 41-56.	3.0	11
32	Pore fluids in Dead Sea sediment core reveal linear response of lake chemistry to global climate changes. Geology, 2017, 45, 315-318.	4.4	19
33	Relationships between lake-level changes and water and salt budgets in the Dead Sea during extreme aridities in the Eastern Mediterranean. Earth and Planetary Science Letters, 2017, 464, 211-226.	4.4	49
34	North Atlantic controlled depositional cycles in MIS 5e layered sediments from the deep Dead Sea basin. Quaternary Research, 2017, 87, 168-179.	1.7	17
35	Radiocarbon Chronology of the DSDDP Core at the Deepest Floor of the Dead Sea. Radiocarbon, 2017, 59, 383-394.	1.8	29
36	Chemical characterization of atmospheric dust from a weekly time series in the north Red Sea between 2006 and 2010. Geochimica Et Cosmochimica Acta, 2017, 211, 373-393.	3.9	47

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37	Uâ€“Th dating of calcite corals from the Gulf of Aqaba. Geochimica Et Cosmochimica Acta, 2017, 198, 285-298.	3.9	22
38	Vegetation and climate during the Last Glacial high stand (ca.Â28â€“22Âka BP) of the Sea of Galilee, northern Israel. Quaternary Science Reviews, 2017, 156, 47-56.	3.0	19
39	Enrichment of 88 Sr in continental waters due to calcium carbonate precipitation. Earth and Planetary Science Letters, 2017, 459, 381-393.	4.4	30
40	88Sr/86Sr fractionation and calcite accumulation rate in the Sea of Galilee. Geochimica Et Cosmochimica Acta, 2017, 215, 17-32.	3.9	20
41	First evidence of â€œancient deerâ€•(cervid) in the late Miocene Bira Formation, Northern Israel. PLoS ONE, 2017, 12, e0185268.	2.5	3
42	⁴⁰Ar/³⁹Ar chronostratigraphy of late Mioceneâ€“early Pliocene continental aquatic basins in SE Galilee, Israel. Bulletin of the Geological Society of America, 2016, 128, 1383-1402.	3.3	23
43	Last glacial-Holocene temperatures and hydrology of the Sea of Galilee and Hula Valley from clumped isotopes in Melanopsis shells. Geochimica Et Cosmochimica Acta, 2016, 179, 142-155.	3.9	18
44	Microbial sedimentary imprint on the deep Dead Sea sediment. Depositional Record, 2016, 2, 118-138.	1.7	14
45	Eastern Mediterranean sea levels through the last interglacial from a coastal-marine sequence in northern Israel. Quaternary Science Reviews, 2016, 145, 204-225.	3.0	38
46	Environmental implications of salt facies in the Dead Sea. Bulletin of the Geological Society of America, 2016, 128, 824-841.	3.3	37
47	Response to comment on: â€œDead Sea drawdown and monsoonal impacts in the Levant during the last interglacialâ€•[EPSL, 412, 235â€“244, 2015]. Earth and Planetary Science Letters, 2015, 427, 306-308.	4.4	5
48	Vegetation and Climate Changes during the Bronze and Iron Ages (â^¼3600â€“600 BCE) in the Southern Levant Based on Palynological Records. Radiocarbon, 2015, 57, 217-235.	1.8	87
49	Dead Sea Levels during the Bronze and Iron Ages. Radiocarbon, 2015, 57, 237-252.	1.8	50
50	Dead Sea drawdown and monsoonal impacts in the Levant during the last interglacial. Earth and Planetary Science Letters, 2015, 412, 235-244.	4.4	120
51	Mechanism of Continental Crustal Growth. , 2015, , 173-199.		3
52	Carbonates, Lacustrine (U-Series). Encyclopedia of Earth Sciences Series, 2015, , 132-136.	0.1	0
53	Dead Sea pollen record and history of human activity in the Judean Highlands (Israel) from the Intermediate Bronze into the Iron Ages (â^¼2500â€“500 BCE). Palynology, 2014, 38, 280-302.	1.5	83
54	Carbonates, Lacustrine (U-Series). , 2014, , 1-7.		0

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55	Beryllium isotopes as tracers of Lake Lisan (last Glacial Dead Sea) hydrology and the Laschamp geomagnetic excursion. Earth and Planetary Science Letters, 2014, 400, 233-242.	4.4	13
56	From dust to varnish: Geochemical constraints on rock varnish formation in the Negev Desert, Israel. Geochimica Et Cosmochimica Acta, 2014, 126, 97-111.	3.9	60
57	Lithology of the long sediment record recovered by the ICDP Dead Sea Deep Drilling Project (DSDDP). Quaternary Science Reviews, 2014, 102, 149-165.	3.0	105
58	Paleohydrology of Lake Kinneret during the Heinrich event H2. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 396, 183-193.	2.3	11
59	Long term freshening of the Dead Sea brine revealed by porewater Cl/Br and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>Î´</mml:mi><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>18</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> in ICDP Dead Sea deep-drill. Earth and Planetary Science Letters, 2014, 400, 94-101.	4.4	30
60	An expanded ostracod-based conductivity transfer function for climate reconstruction in the Levant. Quaternary Science Reviews, 2014, 93, 91-105.	3.0	35
61	The Evolution of Neogene-Quaternary Water-Bodies in the Dead Sea Rift Valley. Modern Approaches in Solid Earth Sciences, 2014, , 279-316.	0.3	24
62	Late Quaternary Limnological History. , 2014, , 39-58.		7
63	The petrogenesis of calc-alkaline granites from the Elat massif, Northern Arabianâ€“Nubian shield. Precambrian Research, 2013, 236, 252-264.	2.7	19
64	Dust transport and synoptic conditions over the Saharaâ€“Arabia deserts during the MIS6/5 and 2/1 transitions from grain-size, chemical and isotopic properties of Red Sea cores. Earth and Planetary Science Letters, 2013, 382, 125-139.	4.4	56
65	Reply to comment by Christoph Zielhofer and Bernhard Weninger on the article: â€œHolocene climate variability in the Levant from the Dead Sea pollen recordâ€•by Litt etÂal. Quaternary Science Reviews 49 (2012) 95â€“105. Quaternary Science Reviews, 2013, 59, 113-114.	3.0	2
66	Integrated multi-site Uâ€“Th chronology of the last glacial Lake Lisan. Geochimica Et Cosmochimica Acta, 2013, 104, 210-231.	3.9	75
67	Impacts of abrupt climate changes in the Levant from Last Glacial Dead Sea levels. Quaternary Science Reviews, 2013, 69, 1-7.	3.0	181
68	10Be dating of Neogene halite. Geochimica Et Cosmochimica Acta, 2013, 122, 418-429.	3.9	29
69	Strontium Isotope Fractionation in Soils and Pedogenic Processes. Procedia Earth and Planetary Science, 2013, 7, 790-793.	0.6	15
70	Atmospheric Particulate Matter (PM) in the Middle East: Toxicity, Trans-boundary Transport, and Influence of Synoptic Conditions. , 2013, , 31-46.		7
71	Radiocarbon Reservoir Ages as Freshwater-Brine Monitors in Lake Lisan, Dead Sea System. Radiocarbon, 2013, 55, 1050-1057.	1.8	14
72	Rock varnish evidence for a Younger Dryas wet period in the Dead Sea basin. Geophysical Research Letters, 2013, 40, 2229-2235.	4.0	23

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73	Radiocarbon Reservoir Ages as Freshwater-Brine Monitors in Lake Lisan, Dead Sea System. Radiocarbon, 2013, 55, .	1.8	2
74	Holocene climate variability in the Levant from the Dead Sea pollen record. Quaternary Science Reviews, 2012, 49, 95-105.	3.0	149
75	Sources and transport routes of fine detritus material to the Late Quaternary Dead Sea basin. Quaternary Science Reviews, 2012, 50, 55-70.	3.0	99
76	Systematic Mn fluctuations in laminated rock varnish developed on coeval early Holocene flint artifacts along a climatic transect, Negev desert, Israel. Quaternary Research, 2012, 78, 474-485.	1.7	12
77	Modeling the Sensitivity to Environmental Controls of the Late Pleistocene Lacustrine Delta Sequences in the Dead Sea Basin. , 2012, , .		2
78	Intrabasin paleoearthquake and quiescence correlation of the late Holocene Dead Sea. Journal of Geophysical Research, 2011, 116, .	3.3	45
79	Dead Sea deep cores: A window into past climate and seismicity. Eos, 2011, 92, 453-454.	0.1	25
80	Short residence time and fast transport of fine detritus in the Judean Desert: Clues from⁷Be in settled dust. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	15
81	Correction to â€œIntrabasin paleoearthquake and quiescence correlation of the late Holocene Dead Seaâ€• Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	0
82	Freshwater on the route of hominids out of Africa revealed by U-Th in Red Sea corals. Geology, 2011, 39, 1067-1070.	4.4	52
83	Paleoearthquakes as Anchor Points in Bayesian Radiocarbon Deposition Models: A Case Study from the Dead Sea. Radiocarbon, 2010, 52, 1018-1026.	1.8	9
84	Northward intrusions of low- and mid-latitude storms across the Saharo-Arabian belt during past interglacials. Geology, 2010, 38, 567-570.	4.4	105
85	Abrupt aridities and salt deposition in the post-glacial Dead Sea and their North Atlantic connection. Quaternary Science Reviews, 2010, 29, 567-575.	3.0	132
86	North Atlantic influence on 19thâ€“20th century rainfall in the Dead Sea watershed, teleconnections with the Sahel, and implication for Holocene climate fluctuations. Quaternary Science Reviews, 2010, 29, 3843-3860.	3.0	57
87	Assessment of the effect of earthquake activity on regional vegetation â€” High-resolution pollen study of the Ein Feshka section, Holocene Dead Sea. Review of Palaeobotany and Palynology, 2009, 155, 42-51.	1.5	11
88	Stratigraphy, depositional environments and level reconstruction of the last interglacial Lake Samra in the Dead Sea basin. Quaternary Research, 2009, 72, 1-15.	1.7	74
89	STUDY OF ROMAN ANCHOR FROM THE DEAD SEA SHORE*. Archaeometry, 2009, 51, 1008-1014.	1.3	3
90	U-series and oxygen isotope chronology of the mid-Pleistocene Lake Amora (Dead Sea basin). Geochimica Et Cosmochimica Acta, 2009, 73, 2603-2630.	3.9	103

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91	Varve counting reveals high resolution radiocarbon reservoir age variations in palaeolake Lisan. Journal of Quaternary Science, 2009, 24, 690-696.	2.1	60
92	Late Holocene events that shaped the shoreline at the northern Gulf of Aqaba recorded by a buried fossil reef. Israel Journal of Earth Sciences, 2009, 58, 355-368.	0.3	16
93	Chronometry of paleo-earthquakes in the late Quaternary Dead Sea basin. Israel Journal of Earth Sciences, 2009, 58, 237-255.	0.3	2
94	Stable isotope records of Late Quaternary climate and hydrology from Mediterranean lakes: the ISOMED synthesis. Quaternary Science Reviews, 2008, 27, 2426-2441.	3.0	279
95	10Be in Lake Lisan sediments â€" A proxy for production or climate?. Earth and Planetary Science Letters, 2008, 269, 448-457.	4.4	26
96	Strontium stable isotopes fractionate in the soil environments?. Earth and Planetary Science Letters, 2008, 272, 406-411.	4.4	108
97	Gypsum as a monitor of the paleo-limnologicalâ€"hydrological conditions in Lake Lisan and the Dead Sea. Geochimica Et Cosmochimica Acta, 2008, 72, 2491-2509.	3.9	67
98	Radiocarbon dating of primary aragonite by sequential extraction of CO2. Holocene, 2007, 17, 131-137.	1.7	8
99	Palynology, sedimentology and palaeoecology of the late Holocene Dead Sea. Quaternary Science Reviews, 2007, 26, 1476-1498.	3.0	101
100	Primary carbonates and Ca-chloride brines as monitors of a paleo-hydrological regime in the Dead Sea basin. Quaternary Science Reviews, 2007, 26, 2219-2228.	3.0	50
101	Late Quaternary changes in desert dust inputs to the Red Sea and Gulf of Aden from 87Sr/86Sr ratios in deep-sea cores. Earth and Planetary Science Letters, 2007, 261, 104-119.	4.4	34
102	Mechanisms of Continental Crust Growth. , 2007, , 171-195.		6
103	Evolution of the Late Pleistocene Holocene Dead Sea Basin from Sequence Statigraphy of Fan Deltas and Lake-Level Reconstruction. Journal of Sedimentary Research, 2007, 77, 680-692.	1.6	57
104	The Feasibility of Using Melanopsis Shells as Radiocarbon Chronometers, Lake Kinneret, Israel. Radiocarbon, 2007, 49, 1003-1015.	1.8	15
105	Controls on the Radiocarbon Reservoir Ages in the Modern Dead Sea Drainage System and in the Last Glacial Lake Lisan. Radiocarbon, 2007, 49, 969-982.	1.8	16
106	Holocene vegetation and climate history of the northern Golan heights (Near East). Vegetation History and Archaeobotany, 2007, 16, 329-346.	2.1	98
107	Mechanisms of Continental Crust Growth. , 2007, , 171-195.		6
108	Trans Boundary Transport of Pollutants by Atmospheric Mineral Dust. Environmental Science & Technology, 2006, 40, 2996-3005.	10.0	124

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109	U-Th and radiocarbon chronologies of late Quaternary lacustrine records of the Dead Sea basin: Methods and applications. , 2006, , .		7
110	Holocene Climate Variability and Cultural Evolution in the Near East from the Dead Sea Sedimentary Record. Quaternary Research, 2006, 66, 421-431.	1.7	325
111	The Role of Lithospheric Mantle Heterogeneity in the Generation of Plio-Pleistocene Alkali Basaltic Suites from NW Harrat Ash Shaam (Israel). Journal of Petrology, 2006, 47, 1017-1050.	2.8	132
112	On the origin and fate of the brines in the Dead Sea basin. , 2006, , .		12
113	Quaternary lake levels in the Dead Sea basin: Two centuries of research. , 2006, , .		33
114	The late Quaternary limnological history of Lake Kinneret (Sea of Galilee), Israel. Quaternary Research, 2005, 63, 60-77.	1.7	122
115	Evolution of fringing reefs: space and time constraints from the Gulf of Aqaba. Coral Reefs, 2005, 24, 165-172.	2.2	20
116	Sea-rain-lake relation in the Last Glacial East Mediterranean revealed by Î´18O-Î´13C in Lake Lisan aragonites. Geochimica Et Cosmochimica Acta, 2005, 69, 4045-4060.	3.9	129
117	The sources and evolution of sulfur in the hypersaline Lake Lisan (paleo-Dead Sea). Earth and Planetary Science Letters, 2005, 236, 61-77.	4.4	53
118	Near-Zero Î”14C Values at 32 kyr cal BP Observed in the High-Resolution 14C Record from U-Th Dated Sediment of Lake Lisan. Radiocarbon, 2004, 46, 785-795.	1.8	11
119	Late Holocene lake levels of the Dead Sea. Bulletin of the Geological Society of America, 2004, 116, 555.	3.3	240
120	Large earthquakes kill coral reefs at the north-west Gulf of Aqaba. Terra Nova, 2004, 16, 133-138.	2.1	37
121	U-Th dating of Lake Lisan (late Pleistocene dead sea) aragonite and implications for glacial east Mediterranean climate change. Geochimica Et Cosmochimica Acta, 2004, 68, 985-1005.	3.9	185
122	Diagenetic effects on the distribution of uranium in live and Holocene corals from the Gulf of Aqaba. Geochimica Et Cosmochimica Acta, 2004, 68, 4583-4593.	3.9	62
123	Recurrence pattern of Holocene earthquakes along the Dead Sea transform revealed by varve-counting and radiocarbon dating of lacustrine sediments. Earth and Planetary Science Letters, 2004, 222, 301-314.	4.4	217
124	Southward migration of rain tracks during the last glacial, revealed by salinity gradient in Lake Lisan (Dead Sea rift). Quaternary Science Reviews, 2004, 23, 1627-1636.	3.0	32
125	The Saharaâ€“East Mediterranean dust and climate connection revealed by strontium and uranium isotopes in a Jerusalem speleothem. Earth and Planetary Science Letters, 2004, 217, 451-464.	4.4	140
126	Evidence from Lake Lisan of solar influence on decadal- to centennial-scale climate variability during marine oxygen isotope stage 2. Geology, 2004, 32, 581.	4.4	84

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127	Temporal Changes in Radiocarbon Reservoir Age in the Dead Sea-Lake Lisan System. Radiocarbon, 2004, 46, 649-655.	1.8	30
128	Lake Kinneret levels and active faulting in the Tiberias area. Israel Journal of Earth Sciences, 2004, 53, 199-205.	0.3	13
129	Late Holocene climates of the Near East deduced from Dead Sea level variations and modern regional winter rainfall. Quaternary Research, 2003, 60, 263-273.	1.7	274
130	Tracing the plume material in the Arabian-Nubian Shield. Precambrian Research, 2003, 123, 223-234.	2.7	84
131	Catastrophic arid episodes in the Eastern Mediterranean linked with the North Atlantic Heinrich events. Geology, 2003, 31, 439.	4.4	275
132	Archaeology, history, and geology of the A.D. 749 earthquake, Dead Sea transform. Geology, 2003, 31, 665.	4.4	96
133	Lake Levels and Sequence Stratigraphy of Lake Lisan, the Late Pleistocene Precursor of the Dead Sea. Quaternary Research, 2002, 57, 9-21.	1.7	320
134	Strontium isotopes in discordant dolomite bodies of the Judea Group, Dead Sea basin. Israel Journal of Earth Sciences, 2002, 51, 219-224.	0.3	21
135	High-resolution geological record of historic earthquakes in the Dead Sea basin. Journal of Geophysical Research, 2001, 106, 2221-2234.	3.3	162
136	Precision of Calibrated Radiocarbon Ages of Historic Earthquakes in the Dead Sea Basin. Radiocarbon, 2001, 43, 1371-1382.	1.8	23
137	Title is missing!. Journal of Paleolimnology, 2001, 26, 271-282.	1.6	158
138	Radiocarbon Calibration Beyond the Dendrochronology Range. Radiocarbon, 2000, 42, 415-422.	1.8	13
139	Reconstructing low levels of Lake Lisan by correlating fan-delta and lacustrine deposits. Quaternary International, 2000, 73-74, 137-144.	1.5	110
140	Calibration of the 14C time scale to >40 ka by 234Uâ€“230Th dating of Lake Lisan sediments (last glacial) Tj ETQq0 0 0 rgBT /Overlock	4.4	156
141	The impact of brine-rock interaction during marine evaporite formation on the isotopic Sr record in the oceans: evidence from Mt. Sedom, Israel. Geochimica Et Cosmochimica Acta, 2000, 64, 2039-2053.	3.9	81
142	Diagenesis in live corals from the Gulf of Aqaba. I. The effect on paleo-oceanography tracers. Geochimica Et Cosmochimica Acta, 2000, 64, 3123-3132.	3.9	127
143	The locking-in of remanence in upper Pleistocene sediments of Lake Lisan (palaeo Dead Sea). Geological Society Special Publication, 1999, 151, 47-52.	1.3	2
144	Petrogenesis of late Neoproterozoic dikes in the northern Arabianâ€“Nubian Shield. Precambrian Research, 1998, 92, 195-213.	2.7	74

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145	High-resolution record of geomagnetic secular variation from Late Pleistocene Lake Lisan sediments (paleo Dead Sea). Earth and Planetary Science Letters, 1998, 161, 145-160.	4.4	38
146	Strontium isotopic, chemical, and sedimentological evidence for the evolution of Lake Lisan and the Dead Sea. Geochimica Et Cosmochimica Acta, 1997, 61, 3975-3992.	3.9	288
147	Chromatographic metasomatism of the Arabianâ€"Nubian lithosphere. Earth and Planetary Science Letters, 1997, 152, 75-91.	4.4	80
148	Long-term earthquake clustering: A 50,000-year paleoseismic record in the Dead Sea Graben. Journal of Geophysical Research, 1996, 101, 6179-6191.	3.3	329
149	From plume head to continental lithosphere in the Arabianâ€"Nubian shield. Nature, 1996, 382, 773-778.	27.8	306
150	Geochemical evolution of rift magmas by progressive tapping of a stratified mantle source beneath the Ross Sea Rift, Northern Victoria Land, Antarctica. Earth and Planetary Science Letters, 1995, 131, 207-224.	4.4	81
151	Mantle plumes and episodic crustal growth. Nature, 1994, 372, 63-68.	27.8	456
152	Chronothermometry of peridotitic and pyroxenitic xenoliths: Implications for the thermal evolution of the Arabian lithosphere. Geochimica Et Cosmochimica Acta, 1993, 57, 1325-1337.	3.9	63
153	TIMS U-series dating and stable isotopes of the last interglacial event in Papua New Guinea. Geochimica Et Cosmochimica Acta, 1993, 57, 2541-2554.	3.9	173
154	Fossil plume head beneath the Arabian lithosphere?. Earth and Planetary Science Letters, 1992, 114, 193-209.	4.4	178
155	U-series ages of solitary corals from the California coast by mass spectrometry. Geochimica Et Cosmochimica Acta, 1991, 55, 3709-3722.	3.9	45
156	Chronologies of Late Quaternary Coral Reefs and Lake Sediments from the Red Sea and Dead Sea Rift Valley. , 0, , 75-82.		1
157	Isotopic Tracers of Dust and Loess in the Levant. , 0, , 483-492.		1
158	Lake Lisan. , 0, , 107-114.		0
159	Deep Drilling at the Dead Sea. Scientific Drilling, 0, 11, 46-47.	0.6	11
160	Late Holocene shorelines at the Gulf of Aqaba: migrating shorelines under conditions of tectonic and sea level stability. Stephan Mueller Special Publication Series, 0, 2, 105-111.	0.0	21
161	Late Holocene hydroclimatic history of the Galilee Mountains from sedimentary records of the Sea of Galilee, Israel. Quaternary Research, 0, , 1-16.	1.7	1