

# Or M Bialik

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,278  
citations

516710

16  
h-index

377865

34  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1433  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mineralogy, early marine diagenesis, and the chemistry of shallow-water carbonate sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 220, 512-534.	3.9	208
2	Microbially catalyzed dolomite formation: From near-surface to burial. <i>Earth-Science Reviews</i> , 2017, 171, 558-582.	9.1	205
3	The abrupt onset of the modern South Asian Monsoon winds. <i>Scientific Reports</i> , 2016, 6, 29838.	3.3	121
4	Two-step closure of the Miocene Indian Ocean Gateway to the Mediterranean. <i>Scientific Reports</i> , 2019, 9, 8842.	3.3	89
5	Refinement of Miocene sea level and monsoon events from the sedimentary archive of the Maldives (Indian Ocean). <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	3.0	74
6	Chronology with a pinch of salt: Integrated stratigraphy of Messinian evaporites in the deep Eastern Mediterranean reveals long-lasting halite deposition during Atlantic connectivity. <i>Earth-Science Reviews</i> , 2019, 194, 374-398.	9.1	50
7	Carbonate delta drift: A new sediment drift type. <i>Marine Geology</i> , 2018, 401, 98-111.	2.1	42
8	Eastern Mediterranean sea levels through the last interglacial from a coastal-marine sequence in northern Israel. <i>Quaternary Science Reviews</i> , 2016, 145, 204-225.	3.0	38
9	Mg isotope response to dolomitization in hinterland-attached carbonate platforms: Outlook of $\delta^{26}\text{Mg}$ as a tracer of basin restriction and seawater Mg/Ca ratio. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 235, 189-207.	3.9	35
10	New perspectives on coastal landscape reconstruction during the Late Quaternary: A test case from central Israel. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 468, 503-519.	2.3	33
11	Monsoons, Upwelling, and the Deoxygenation of the Northwestern Indian Ocean in Response to Middle to Late Miocene Global Climatic Shifts. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003762.	2.9	28
12	Deep-basin evidence resolves a 50-year-old debate and demonstrates synchronous onset of Messinian evaporite deposition in a non-desiccated Mediterranean. <i>Geology</i> , 2018, 46, 243-246.	4.4	27
13	A two million year record of low-latitude aridity linked to continental weathering from the Maldives. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	3.0	26
14	pCO <sub>2</sub> variability in the surface waters of the ultra-oligotrophic Levantine Sea: Exploring the air-sea CO <sub>2</sub> fluxes in a fast warming region. <i>Marine Chemistry</i> , 2017, 196, 13-23.	2.3	24
15	Effects of early diagenesis on Mg isotopes in dolomite: The roles of Mn(IV)-reduction and recrystallization. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 250, 1-17.	3.9	24
16	Cyclic anoxia and organic rich carbonate sediments within a drowned carbonate platform linked to Antarctic ice volume changes: Late Oligocene-early Miocene Maldives. <i>Earth and Planetary Science Letters</i> , 2019, 521, 1-13.	4.4	19
17	Past aquatic environments in the Levant inferred from stable isotope compositions of carbonate and phosphate in fish teeth. <i>PLoS ONE</i> , 2019, 14, e0220390.	2.5	17
18	Biogeochemical reappraisal of the freshwater-seawater mixing zone diagenetic model. <i>Sedimentology</i> , 2021, 68, 1797-1830.	3.1	15

#	ARTICLE	IF	CITATIONS
19	Carnian (Triassic) aridization on the Levant margin: evidence from the M1 member, Mohilla Formation, Makhtesh Ramon, south Israel. <i>Facies</i> , 2013, 59, 559-581.	1.4	14
20	Proxy-based reconstruction of surface water acidification and carbonate saturation of the Levant Sea during the Anthropocene. <i>Anthropocene</i> , 2016, 16, 42-53.	3.3	14
21	Extracting Mg isotope signatures of ancient seawater from marine halite: A reconnaissance. <i>Chemical Geology</i> , 2020, 552, 119768.	3.3	14
22	Lithofacies and cyclicity of Mohilla evaporite basins on the rifted margin of the Levant in the Late Triassic, Makhtesh Ramon, southern Israel. <i>Sedimentology</i> , 2012, 59, 2097-2124.	3.1	13
23	THE PERMIAN-TRIASSIC TRANSITION IN THE CENTRAL COASTAL PLAIN OF ISRAEL (NORTH ARABIAN PLATE) Tj ETQq1 1 0.784314 rgBT /Overl	1.3	11
24	The characteristics of carbonate system recovery during a relatively dry event in a mixed carbonate/siliciclastic environment in the Pelsonian (Middle Triassic) proximal marginal marine basins: A case study from the tropical Tethyan northwest Gondwana margins. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 440, 793-812.	2.3	11
25	Last interglacial sea level high-stand deduced from well-preserved abrasive notches exposed on the Galilee coast of northern Israel. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 470, 1-10.	2.3	11
26	Source shifts to periplatform deposits during the early to middle Miocene in response to climatic and oceanographic forcing, Maldives, western Indian Ocean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 559, 109969.	2.3	10
27	Ordination analysis in sedimentology, geochemistry and palaeoenvironmentâ€”Background, current trends and recommendations. <i>Depositional Record</i> , 2021, 7, 541-563.	1.7	10
28	Uranium-thorium isotope systematics of cold-seep carbonate and their constraints on geological methane leakage activities. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 320, 105-121.	3.9	9
29	Cold seeps alter the near-bottom biogeochemistry in the ultraoligotrophic Southeastern Mediterranean Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2022, 183, 103744.	1.4	9
30	Late Quaternary lacustrine deposits of the Dead Sea basin: high resolution sequence stratigraphy from downhole logging data. <i>Quaternary Science Reviews</i> , 2019, 210, 175-189.	3.0	8
31	Response of Mg isotopes to dolomitization during fluctuations in sea level: Constraints on the hydrological conditions of massive dolomitization systems. <i>Sedimentary Geology</i> , 2021, 420, 105922.	2.1	7
32	Palaeocene to Miocene southern Tethyan carbonate factories: A metaâ€”analysis of the successions of Southâ€”western and Western Central Asia. <i>Depositional Record</i> , 2022, 8, 1031-1054.	1.7	7
33	Current and sea level control the demise of shallow carbonate production on a tropical bank (Saya) Tj ETQq1 1 0.784314 rgBT /Overl	4.4	6
34	The drowning of a siliciclastic shelf: insights into oceanographic reconstructions of the northern Arabian Platform during the Early Cretaceous. <i>Basin Research</i> , 2018, 30, 513-531.	2.7	5
35	Rhodolith beds along the southeastern Mediterranean inner shelf: Implications for past depositional environments. <i>Journal of Marine Systems</i> , 2020, 201, 103241.	2.1	5
36	Microfacies evidence for the evolution of Miocene coral-reef environments in Cyprus. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 584, 110670.	2.3	5

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37	Short-lived early Cenomanian volcanic atolls of Mt. Carmel, northern Israel. <i>Sedimentary Geology</i> , 2021, 411, 105805.	2.1	4
38	The role of detrital components in the petrophysical parameters of Paleogene calcareous-dominated hemipelagic deposits. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	4
39	Lenticular-bedding-like bioturbation and the onshore recognition of carbonate drifts (Oligocene,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>	1.6	4
40	The origin of celestineâ€“quartzâ€“calcite geodes associated with a basaltic dyke, Makhtesh Ramon, Israel. <i>Geological Magazine</i> , 2014, 151, 798-815.	1.5	3
41	Magnetic properties of early Pliocene sediments from IODP Site U1467 (Maldives platform) reveal changes in the monsoon system. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 533, 109283.	2.3	3
42	Significance to hydrocarbon exploration of terrestrial organic matter introduced into deep marine systems: Insights from the Lower Cretaceous in the Levant Basin. <i>Marine and Petroleum Geology</i> , 2020, 122, 104671.	3.3	3
43	Architecture and sequence stratigraphy of the Upper Coralline Limestone formation, Maltaâ€”Implications for Eastern Mediterranean restriction prior to the Messinian Salinity Crisis. <i>Depositional Record</i> , 2021, 7, 256-270.	1.7	3
44	Stromatolitic biotic systems in the mid-Triassic of Israel â€” A product of stress on an epicontinental margin. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 440, 696-711.	2.3	2
45	Sedimentary response to current and nutrient regime rearrangement in the Eastern Mediterranean during the early to middle Miocene (Southwestern Cyprus). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 588, 110819.	2.3	2
46	Dataset of characteristic remanent magnetization and magnetic properties of early Pliocene sediments from IODP Site U1467 (Maldives platform). <i>Data in Brief</i> , 2019, 27, 104666.	1.0	1
47	Ocean warming is the key filter for successful colonization of the migrant octocoral <i>Melithaea erythraea</i> (Ehrenberg, 1834) in the Eastern Mediterranean Sea. <i>PeerJ</i> , 2020, 8, e9355.	2.0	1
48	Comparative tectonofractography: fracturing in 19 jointing provinces, experimental results, fracture mechanics considerations and province classification. <i>Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften</i> , 2012, 163, 345-359.	0.4	0
49	Correction to: A two million year record of low-latitude aridity linked to continental weathering from the Maldives. <i>Progress in Earth and Planetary Science</i> , 2019, 6, .	3.0	0
50	CARBON PRESERVATION IN DEEP MARINE SETTINGS: THE ROLE OF SEDIMENT TRANSPORT IN THE DEPOSITION OF ORGANIC-RICH CARBONATES IN THE EOCENE OF THE LEVANT BASIN. , 2017, , .		0