

# Robert H Goldstein

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,244  
citations

567281

15  
h-index

552781

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

988  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluid inclusions in sedimentary and diagenetic systems. <i>Lithos</i> , 2001, 55, 159-193.	1.4	376
2	Fluid-inclusion technique for determining maximum temperature in calcite and its comparison to the vitrinite reflectance geothermometer. <i>Geology</i> , 1990, 18, 1003.	4.4	163
3	Reequilibration of fluid inclusions in low-temperature calcium-carbonate cement. <i>Geology</i> , 1986, 14, 792.	4.4	111
4	Permian paleoclimate data from fluid inclusions in halite. <i>Chemical Geology</i> , 1999, 154, 113-132.	3.3	91
5	Extremely acid Permian lakes and ground waters in North America. <i>Nature</i> , 1998, 392, 911-914.	27.8	75
6	Evaporites and siliciclastics of the Permian Nippewalla Group of Kansas, USA: a case for non-marine deposition in saline lakes and saline pans. <i>Sedimentology</i> , 2001, 48, 165-188.	3.1	64
7	Pinning points: a method providing quantitative constraints on relative sea-level history. <i>Sedimentary Geology</i> , 1995, 95, 1-10.	2.1	60
8	Stable isotope signatures associated with palaeosols, Pennsylvanian Holder Formation, New Mexico. <i>Sedimentology</i> , 1991, 38, 67-77.	3.1	51
9	History of diagenetic fluids in a distant foreland area, Middle and Upper Pennsylvanian, Cherokee basin, Kansas, USA: Fluid inclusion evidence. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 1175-1191.	3.9	32
10	Recognizing acid lakes and groundwaters in the rock record. <i>Sedimentary Geology</i> , 2002, 151, 177-185.	2.1	30
11	New approach for quantifying water depth applied to the enigma of drowning of carbonate platforms. <i>Geology</i> , 2002, 30, 783.	4.4	28
12	Meteoric calcite cementation: diagenetic response to relative fall in sea-level and effect on porosity and permeability, Las Negras area, southeastern Spain. <i>Sedimentary Geology</i> , 2017, 348, 1-18.	2.1	27
13	Constraining controls on carbonate sequences with high-resolution chronostratigraphy: Upper Miocene, Cabo de Gata region, SE Spain. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 176, 11-45.	2.3	26
14	The effects of sea level and palaeotopography on lithofacies distribution and geometries in heterozoan carbonates, south-eastern Spain. <i>Sedimentology</i> , 2005, 52, 513-536.	3.1	21
15	Diagenesis associated with subaerial exposure of Miocene strata, southeastern Spain: Implications for sea-level change and preservation of low-temperature fluid inclusions in calcite cement. <i>Geochimica Et Cosmochimica Acta</i> , 1990, 54, 699-704.	3.9	18
16	Fluid Inclusions as Carbonate Microfabrics: A Petrographic Method to Determine Diagenetic History. <i>Frontiers in Sedimentary Geology</i> , 1993, , 279-290.	0.2	14
17	Repeated injection of hydrothermal fluids into downdip carbonates: a diagenetic and stratigraphic mechanism for localization of reservoir porosity, Indian Basin Field, New Mexico, USA. <i>Geological Society Special Publication</i> , 2015, 406, 141-177.	1.3	11
18	Workflows for incorporating stratigraphic and diagenetic relationships into a reservoir-analogue model from outcrops of Miocene carbonates in SE Spain. <i>Petroleum Geoscience</i> , 2014, 20, 55-78.	1.5	9

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19	A new technique for surface and shallow subsurface paleobarometry using fluid inclusions: an example from the Upper Ordovician Viola Formation, Kansas, USA. <i>Chemical Geology</i> , 1999, 154, 97-111.	3.3	8
20	What controls porosity in cherty fine-grained carbonate reservoir rocks? Impact of stratigraphy, unconformities, structural setting and hydrothermal fluid flow: Mississippian, SE Kansas. <i>Geological Society Special Publication</i> , 2015, 406, 179-208.	1.3	8
21	Climate, duration, and mineralogy controls on meteoric diagenesis, La Molata, southeast Spain. <i>Interpretation</i> , 2014, 2, SF111-SF123.	1.1	6
22	Geochemical record of fluid flow and dolomitization of carbonate platforms: ascending freshwater-mesohaline mixing, Miocene of Spain. <i>Geological Society Special Publication</i> , 2015, 406, 115-140.	1.3	6
23	History of hydrothermal fluid flow in the midcontinent, USA: the relationship between inverted thermal structure, unconformities and porosity distribution. <i>Geological Society Special Publication</i> , 2018, 435, 283-320.	1.3	6
24	Sediment network meeting 1997. <i>Gff</i> , 1997, 119, 317-318.	1.2	1
25	Diagenetic controls on the location of reservoir sweet spots relative to palaeotopographical and structural highs. <i>Geological Society Special Publication</i> , 2018, 435, 177-215.	1.3	1
26	Stable Bromine Isotopic Composition of Coal Bed Methane (CBM) Produced Water, the Occurrence of Enriched <sup>81</sup> Br, and Implications for Fluid Flow in the Midcontinent, USA. <i>Minerals (Basel)</i> , 2018, 8, 1047-1057.	1.0	1