

# Eric E Hiatt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2396394/publications.pdf>

Version: 2024-02-01

32  
papers

1,103  
citations

394421

19  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

975  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygenation of the Earth's atmosphere-ocean system: A review of physical and chemical sedimentologic responses. <i>Marine and Petroleum Geology</i> , 2012, 32, 1-20.	3.3	131
2	Shallow-burial dolomite cement: a major component of many ancient sucrosic dolomites. <i>Sedimentology</i> , 2008, 55, 423-460.	3.1	110
3	Secular changes in sedimentation systems and sequence stratigraphy. <i>Gondwana Research</i> , 2013, 24, 468-489.	6.0	99
4	Paleoceanographic constraints on Precambrian phosphorite accumulation, Baraga Group, Michigan, USA. <i>Sedimentary Geology</i> , 2010, 226, 9-21.	2.1	69
5	Mobile Pb-isotopes in Proterozoic sedimentary basins as guides for exploration of uranium deposits. <i>Journal of Geochemical Exploration</i> , 2003, 80, 297-320.	3.2	60
6	Sedimentary phosphate and associated fossil bacteria in a Paleoproterozoic tidal flat in the 1.85Ga Michigamme Formation, Michigan, USA. <i>Sedimentary Geology</i> , 2015, 319, 24-39.	2.1	56
7	Relationships among sedimentology, stratigraphy, and diagenesis in the Proterozoic Thelon Basin, Nunavut, Canada: implications for paleoaquifers and sedimentary-hosted mineral deposits. <i>Journal of Geochemical Exploration</i> , 2003, 80, 221-240.	3.2	54
8	Early quartz cements and evolution of paleohydraulic properties of basal sandstones in three Paleoproterozoic continental basins: Evidence from in situ $\delta^{18}O$ analysis of quartz cements. <i>Chemical Geology</i> , 2007, 238, 19-37.	3.3	40
9	Sedimentary phosphate formation in warm shallow waters: new insights into the palaeoceanography of the Permian Phosphoria Sea from analysis of phosphate oxygen isotopes. <i>Sedimentary Geology</i> , 2001, 145, 119-133.	2.1	39
10	Does the Paleoproterozoic Animikie Basin record the sulfidic ocean transition?. <i>Geology</i> , 2010, 38, 659-662.	4.4	39
11	Ediacaran stromatolites and intertidal phosphorite of the Salitre Formation, Brazil: Phosphogenesis during the Neoproterozoic Oxygenation Event. <i>Sedimentary Geology</i> , 2017, 350, 55-71.	2.1	37
12	Dolomitization on an evaporitic Paleoproterozoic ramp: Widespread syndimentary dolomite in the Denault Formation, Labrador Trough, Canada. <i>Sedimentary Geology</i> , 2011, 238, 116-131.	2.1	35
13	Physical and chemical evidence of the 1850 Ma Sudbury impact event in the Baraga Group, Michigan. <i>Geology</i> , 2007, 35, 827.	4.4	30
14	Fluids in sedimentary basins: an introduction. <i>Journal of Geochemical Exploration</i> , 2003, 80, 139-149.	3.2	29
15	Advances in understanding the Kombolgie Subgroup and unconformity-related uranium deposits in the Alligator Rivers Uranium Field and how to explore for them using litho-geochemical principles. <i>Australian Journal of Earth Sciences</i> , 2011, 58, 453-474.	1.0	29
16	Provenance of the Proterozoic Thelon Basin, Nunavut, Canada, from detrital zircon geochronology and detrital quartz oxygen isotopes. <i>Precambrian Research</i> , 2004, 129, 115-140.	2.7	28
17	Basin evolution, diagenesis and uranium mineralization in the Paleoproterozoic Thelon Basin, Nunavut, Canada. <i>Basin Research</i> , 2010, 22, 302-323.	2.7	23
18	The role of sedimentology, oceanography, and alteration on the $\delta^{56}Fe$ value of the Sokoman Iron Formation, Labrador Trough, Canada. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 164, 205-220.	3.9	23

#	ARTICLE	IF	CITATIONS
19	Paleoenvironmental and taphonomic controls on the occurrence of Paleoproterozoic microbial communities in the 1.88 Ga Ferriman Group, Labrador Trough, Canada. <i>Precambrian Research</i> , 2012, 212-213, 91-106.	2.7	22
20	Dynamic sedimentation of Paleoproterozoic continental margin iron formation, Labrador Trough, Canada: Paleoenvironments and sequence stratigraphy. <i>Sedimentary Geology</i> , 2014, 309, 48-65.	2.1	20
21	Hydrogeology, sequence stratigraphy and diagenesis in the Paleoproterozoic western Thelon Basin: Influences on unconformity-related uranium mineralization. <i>Precambrian Research</i> , 2011, 187, 293-312.	2.7	16
22	Basin Evolution and Unconformity-Related Uranium Mineralization: The Camie River U Prospect, Paleoproterozoic Otish Basin, Quebec. <i>Economic Geology</i> , 2012, 107, 401-425.	3.8	16
23	Oxygenation of shallow marine environments and chemical sedimentation in Palaeoproterozoic peritidal settings: Frere Formation, Western Australia. <i>Sedimentology</i> , 2013, 60, 1559-1582.	3.1	16
24	Riverine mixing and fluvial iron formation: A new type of Precambrian biochemical sediment. <i>Geology</i> , 2013, 41, 1235-1238.	4.4	11
25	Stratigraphy, diagenesis and geological evolution of the Paleoproterozoic Roraima Basin, Guyana: Links to tectonic events on the Amazon Craton and assessment for uranium mineralization potential. <i>Precambrian Research</i> , 2015, 267, 227-249.	2.7	11
26	Iron and phosphorus biochemical systems and the Cryogenian-Ediacaran transition, Jacadigo basin, Brazil: Implications for the Neoproterozoic oxygenation event. <i>Precambrian Research</i> , 2020, 337, 105533.	2.7	11
27	Formation of the enigmatic Matoush uranium deposit in the Paleoproterozoic Otish Basin, Quebec, Canada. <i>Mineralium Deposita</i> , 2015, 50, 825-845.	4.1	10
28	The uranium mineralization potential of the Paleoproterozoic Sioux Basin and its relationship to other basins in the southern Lake Superior region. <i>Precambrian Research</i> , 2006, 148, 125-144.	2.7	9
29	Iron phosphate in the Ediacaran Doushantuo Formation of South China: A previously undocumented marine phosphate sink. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 560, 109993.	2.3	9
30	Carbonates within a Pleistocene glaciomarine succession, Yakataga Formation, Middleton Island, Alaska. <i>Sedimentology</i> , 2009, 56, 367-397.	3.1	8
31	Geological Evolution and Exploration Geochemistry of the Boomerang Lake Unconformity-type Uranium Prospect, Northwest Territories, Canada. , 2010, , .		8
32	Does the Paleoproterozoic Animikie Basin record the sulfidic ocean transition? REPLY. <i>Geology</i> , 2011, 39, e242-e243.	4.4	5