Eric E Hiatt

List of Publications by Year
in descending order

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	Iron and phosphorus biochemical systems and the Cryogenian-Ediacaran transition, Jacadigo basin, Brazil: Implications for the Neoproterozoic oxygenation event. Precambrian Research, 2020, 337, 105533.	2.7	11
2	Iron phosphate in the Ediacaran Doushantuo Formation of South China: A previously undocumented marine phosphate sink. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 560, 109993.	2.3	9
3	Ediacaran stromatolites and intertidal phosphorite of the Salitre Formation, Brazil: Phosphogenesis during the Neoproterozoic Oxygenation Event. Sedimentary Geology, 2017, 350, 55-71.	2.1	37
4	The role of sedimentology, oceanography, and alteration on the Î´56 Fe value of the Sokoman Iron Formation, Labrador Trough, Canada. Geochimica Et Cosmochimica Acta, 2015, 164, 205-220.	3.9	23
5	Sedimentary phosphate and associated fossil bacteria in a Paleoproterozoic tidal flat in the 1.85Ga Michigamme Formation, Michigan, USA. Sedimentary Geology, 2015, 319, 24-39.	2.1	56
6	Formation of the enigmatic Matoush uranium deposit in the Paleoprotozoic Otish Basin, Quebec, Canada. Mineralium Deposita, 2015, 50, 825-845.	4.1	10
7	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. Precambrian Research, 2015, 267, 227-249.	2.7	11
8	Dynamic sedimentation of Paleoproterozoic continental margin iron formation, Labrador Trough, Canada: Paleoenvironments and sequence stratigraphy. Sedimentary Geology, 2014, 309, 48-65.	2.1	20
9	Riverine mixing and fluvial iron formation: A new type of Precambrian biochemical sediment. Geology, 2013, 41, 1235-1238.	4.4	11
10	Secular changes in sedimentation systems and sequence stratigraphy. Gondwana Research, 2013, 24, 468-489.	6.0	99
11	Oxygenation of shallow marine environments and chemical sedimentation in Palaeoproterozoic peritidal settings: Frere Formation, Western Australia. Sedimentology, 2013, 60, 1559-1582.	3.1	16
12	Basin Evolution and Unconformity-Related Uranium Mineralization: The Camie River U Prospect, Paleoproterozoic Otish Basin, Quebec. Economic Geology, 2012, 107, 401-425.	3.8	16
13	Paleoenvironmental and taphonomic controls on the occurrence of Paleoproterozoic microbial communities in the 1.88 Ga Ferriman Group, Labrador Trough, Canada. Precambrian Research, 2012, 212-213, 91-106.	2.7	22
14	Oxygenation of the Earth's atmosphereâ€“ocean system: A review of physical and chemical sedimentologic responses. Marine and Petroleum Geology, 2012, 32, 1-20.	3.3	131
15	Hydrogeology, sequence stratigraphy and diagenesis in the Paleoproterozoic western Thelon Basin: Influences on unconformity-related uranium mineralization. Precambrian Research, 2011, 187, 293-312.	2.7	16
16	Does the Paleoproterozoic Animikie Basin record the sulfidic ocean transition? REPLY. Geology, 2011, 39, e242-e243.	4.4	5
17	Dolomitization on an evaporitic Paleoproterozoic ramp: Widespread synsedimentary dolomite in the Denault Formation, Labrador Trough, Canada. Sedimentary Geology, 2011, 238, 116-131.	2.1	35
18	Advances in understanding the Kombolgie Subgroup and unconformity-related uranium deposits in the Alligator Rivers Uranium Field and how to explore for them using lithogeochemical principles. Australian Journal of Earth Sciences, 2011, 58, 453-474.	1.0	29

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19	Paleoceanographic constraints on Precambrian phosphorite accumulation, Baraga Group, Michigan, USA. Sedimentary Geology, 2010, 226, 9-21.	2.1	69
20	Basin evolution, diagenesis and uranium mineralization in the Paleoproterozic Thelon Basin, Nunavut, Canada. Basin Research, 2010, 22, 302-323.	2.7	23
21	Does the Paleoproterozoic Animikie Basin record the sulfidic ocean transition?. Geology, 2010, 38, 659-662.	4.4	39
22	Geological Evolution and Exploration Geochemistry of the Boomerang Lake Unconformity-type Uranium Prospect, Northwest Territories, Canada. , 2010, , .		8
23	Carbonates within a Pleistocene glaciomarine succession, Yakataga Formation, Middleton Island, Alaska. Sedimentology, 2009, 56, 367-397.	3.1	8
24	Shallowâ€burial dolomite cement: a major component of many ancient sucrosic dolomites. Sedimentology, 2008, 55, 423-460.	3.1	110
25	Early quartz cements and evolution of paleohydraulic properties of basal sandstones in three Paleoproterozoic continental basins: Evidence from in situ Î´18O analysis of quartz cements. Chemical Geology, 2007, 238, 19-37.	3.3	40
26	Physical and chemical evidence of the 1850 Ma Sudbury impact event in the Baraga Group, Michigan. Geology, 2007, 35, 827.	4.4	30
27	The uranium mineralization potential of the Paleoproterozoic Sioux Basin and its relationship to other basins in the southern Lake Superior region. Precambrian Research, 2006, 148, 125-144.	2.7	9
28	Provenance of the Proterozoic Thelon Basin, Nunavut, Canada, from detrital zircon geochronology and detrital quartz oxygen isotopes. Precambrian Research, 2004, 129, 115-140.	2.7	28
29	Fluids in sedimentary basins: an introduction. Journal of Geochemical Exploration, 2003, 80, 139-149.	3.2	29
30	Relationships among sedimentology, stratigraphy, and diagenesis in the Proterozoic Thelon Basin, Nunavut, Canada: implications for paleoaquifers and sedimentary-hosted mineral deposits. Journal of Geochemical Exploration, 2003, 80, 221-240.	3.2	54
31	Mobile Pb-isotopes in Proterozoic sedimentary basins as guides for exploration of uranium deposits. Journal of Geochemical Exploration, 2003, 80, 297-320.	3.2	60
32	Sedimentary phosphate formation in warm shallow waters: new insights into the palaeoceanography of the Permian Phosphoria Sea from analysis of phosphate oxygen isotopes. Sedimentary Geology, 2001, 145, 119-133.	2.1	39