

William H Peck

List of Publications by Year in descending order

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44
papers

5,075
citations

516710

16
h-index

377865

34
g-index

45
all docs

45
docs citations

45
times ranked

3328
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence from detrital zircons for the existence of continental crust and oceans on the Earth 4.4â€‰Gyr ago. <i>Nature</i> , 2001, 409, 175-178.	27.8	1,505
2	Further Characterisation of the 91500 Zircon Crystal. <i>Geostandards and Geoanalytical Research</i> , 2004, 28, 9-39.	1.9	1,142
3	4.4 billion years of crustal maturation: oxygen isotope ratios of magmatic zircon. <i>Contributions To Mineralogy and Petrology</i> , 2005, 150, 561-580.	3.1	970
4	A cool early Earth. <i>Geology</i> , 2002, 30, 351.	4.4	381
5	Oxygen isotope ratios and rare earth elements in 3.3 to 4.4 Ga zircons: Ion microprobe evidence for high $\delta^{18}O$ continental crust and oceans in the Early Archean. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 4215-4229.	3.9	284
6	Empirical calibration of oxygen isotope fractionation in zircon. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 3257-3266.	3.9	154
7	Slow oxygen diffusion rates in igneous zircons from metamorphic rocks. <i>American Mineralogist</i> , 2003, 88, 1003-1014.	1.9	124
8	Oxygen isotope perspective on Precambrian crustal growth and maturation. <i>Geology</i> , 2000, 28, 363.	4.4	37
9	Large crustal input to high $\delta^{18}O$ anorthosite massifs of the southern Grenville Province: new evidence from the Morin Complex, Quebec. <i>Contributions To Mineralogy and Petrology</i> , 2000, 139, 402-417.	3.1	36
10	Shawinigan arc magmatism in the Adirondack Lowlands as a consequence of closure of the Trans-Adirondack backarc basin. , 2010, 6, 900-916.		33
11	Polymetamorphism of marbles in the Morin terrane, Grenville Province, Quebec. <i>Canadian Journal of Earth Sciences</i> , 2005, 42, 1949-1965.	1.3	28
12	OXYGEN ISOTOPES IN THE GRENVILLE AND NAIN AMCG SUITES: REGIONAL ASPECTS OF THE CRUSTAL COMPONENT IN MASSIF ANORTHOSITES. <i>Canadian Mineralogist</i> , 2010, 48, 763-786.	1.0	25
13	Cordierite-gedrite rocks from the Central Metasedimentary Belt boundary thrust zone (Grenville) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Canadian Journal of Earth Sciences</i> , 2005, 42, 1815-1828.	1.3	23
14	Magmatic zircon oxygen isotopes of 1.88‰ – 1.87‰ Ga orogenic and 1.65‰ – 1.54‰ Ga anorogenic magmatism in Finland. <i>Mineralogy and Petrology</i> , 2005, 85, 223-241.	1.1	21
15	Calciteâ€‰Graphite Thermometry of the Franklin Marble, New Jersey Highlands. <i>Journal of Geology</i> , 2006, 114, 485-499.	1.4	21
16	The Fiskenaesset Anorthosite Complex: Stable isotope evidence for shallow emplacement into Archean ocean crust. <i>Geology</i> , 1996, 24, 523.	4.4	20
17	Changing Carbon Isotope Ratio of Atmospheric Carbon Dioxide: Implications For Food Authentication. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2364-2367.	5.2	18
18	Detrital zircon constraints on Grenville sedimentation at the margin of Laurentia. <i>Precambrian Research</i> , 2019, 331, 105342.	2.7	16

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19	GENESIS OF CORDIERITE - GEDRITE GNEISSES, CENTRAL METASEDIMENTARY BELT BOUNDARY THRUST ZONE, GRENVILLE PROVINCE, ONTARIO, CANADA. Canadian Mineralogist, 2000, 38, 511-524.	1.0	15
20	Quartz-garnet isotope thermometry in the southern Adirondack Highlands (Grenville Province, New York). American Mineralogist, 2000, 85, 107-115.	3.4	15
21	Mechanism of metamorphic zircon growth in a granulite-facies quartzite, Adirondack Highlands, Grenville Province, New York. American Mineralogist, 2010, 95, 1796-1806.	1.9	15
22	Response to Comment on "Heterogeneous Hadean Hafnium: Evidence of Continental Crust at 4.4 to 4.5 Ga". Science, 2006, 312, 1139b-1139b.	12.6	13
23	Edge effects and human disturbance influence soil physical and chemical properties in Sacred Church Forests in Ethiopia. Plant and Soil, 2020, 453, 329-342.	3.7	12
24	Oxygen-isotope constraints on terrane boundaries and origin of 1.18-1.13 Ga granitoids in the southern Grenville Province. Canadian Journal of Earth Sciences, 2004, 41, 163-182.		10
25	Geochemistry and geochronology of the 1.3 Ga metatonalites from the Central Metasedimentary Belt boundary thrust zone in southern Ontario, Grenville Province, Canada. Canadian Journal of Earth Sciences, 2013, 50, 853-863.		9
26	In-situ dating of metamorphism in Adirondack anorthosite. American Mineralogist, 2018, 103, 1523-1529.	1.9	9
27	Geothermometry of the western half of the Central Metasedimentary Belt, Grenville Province, Ontario, and its implications. American Mineralogist, 2019, 104, 791-809.	1.9	9
28	Low carbon isotope ratios in apatite: An unreliable biomarker in igneous and metamorphic rocks. Chemical Geology, 2007, 245, 305-314.	3.3	8
29	The Black Lake shear zone: A boundary between terranes in the Adirondack Lowlands, Grenville Province. Precambrian Research, 2011, 188, 57-72.	2.7	8
30	Monazite U-Th-Pb geochronology of the Central Metasedimentary Belt Boundary Zone (CMBbz), Grenville Province, Ontario Canada. Canadian Journal of Earth Sciences, 2018, 55, 1063-1078.	1.3	7
31	Title is missing!. Canadian Journal of Earth Sciences, 2012, 49, 1356.		6
32	Teaching Metastability in Petrology using a Guided Reading from the Primary Literature. Journal of Geoscience Education, 2004, 52, 284-288.	1.4	5
33	The Kilmar Magnesite Deposits: Evaporitic Metasediments in the Grenville Supergroup, Morin Terrane, Quebec. Minerals (Basel, Switzerland), 2019, 9, 554.	2.0	5
34	Geology and geochemistry of the Spuhler Peak Metamorphic Suite. Canadian Journal of Earth Sciences, 2004, 41, 183-197.		4
35	Zinc isotope constraints on the formation of sedimentary exhalative (SEDEX) ore deposits: New evidence from the Franklin, NJ mining district. Ore Geology Reviews, 2022, 147, 104970.	2.7	4
36	Constraints from geochemistry and oxygen isotopes for the hydrothermal origin of orthoamphibole mafic gneiss in the New Jersey Highlands, north-central Appalachians, USA. Lithos, 2017, 294-295, 184-197.	1.4	3

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37	Anorthosites as Sources of Magnetic Anomalies. , 2011, , 321-342.		3
38	Protolith carbon isotope ratios in cordierite from metamorphic and igneous rocks. American Mineralogist, 2016, 101, 2279-2287.	1.9	2
39	Carbon isotope composition of birch syrup. Journal of Food Composition and Analysis, 2018, 71, 25-27.	3.9	1
40	LINKS BETWEEN THE ADIRONDACKS AND THE MORIN TERRANE: NEW EVIDENCE FROM GEOCHRONOLOGY. , 2016, , .		1
41	FIELD AND LABORATORY GEOCHEMICAL ANALYSIS OF HIGH-AL ORTHOPYROXENE MEGACRYSTS IN ADIRONDACK ANORTHOSITE. , 2017, , .		1
42	EMPLACEMENT AND METAMORPHISM OF THE MARCY ANORTHOSITE: NEW CONSTRAINTS FROM GEOCHRONOLOGY AND OXYGEN ISOTOPES. , 2017, , .		1
43	New age constraints on magmatism and metamorphism in the Morin terrane (Grenville Province,) Tj ETQq1 1 0.784314 rgBT /Overloc 1.3		0
44	Archean Environments. Encyclopedia of Earth Sciences Series, 2009, , 34-38.	0.1	0