

Lincoln S Hollister

List of Publications by Year in descending order

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34
papers

2,914
citations

218677

26
h-index

434195

31
g-index

34
all docs

34
docs citations

34
times ranked

1713
citing authors

#	ARTICLE	IF	CITATIONS
1	Ductile extrusion of the Higher Himalayan Crystalline in Bhutan: evidence from quartz microfabrics. <i>Tectonophysics</i> , 1996, 260, 21-43.	2.2	403
2	Himalayan metamorphic sequence as an orogenic channel: insight from Bhutan. <i>Earth and Planetary Science Letters</i> , 2002, 198, 177-191.	4.4	350
3	Melt-enhanced deformation: A major tectonic process. <i>Geology</i> , 1986, 14, 558.	4.4	321
4	Phase equilibria in fluid inclusions from the Khtada Lake metamorphic complex. <i>Geochimica Et Cosmochimica Acta</i> , 1976, 40, 163-175.	3.9	186
5	Enrichment of CO ₂ in fluid inclusions in quartz by removal of H ₂ O during crystal-plastic deformation. <i>Journal of Structural Geology</i> , 1990, 12, 895-901.	2.3	167
6	Role of melt during deformation in the deep crust. <i>Terra Nova</i> , 1994, 6, 133-142.	2.1	158
7	Shock synthesis of quasicrystals with implications for their origin in asteroid collisions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7077-7081.	7.1	112
8	The role of melt in the uplift and exhumation of orogenic belts. <i>Chemical Geology</i> , 1993, 108, 31-48.	3.3	94
9	Evidence for the extraterrestrial origin of a natural quasicrystal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1396-1401.	7.1	94
10	Natural quasicrystal with decagonal symmetry. <i>Scientific Reports</i> , 2015, 5, 9111.	3.3	81
11	Impact-induced shock and the formation of natural quasicrystals in the early solar system. <i>Nature Communications</i> , 2014, 5, 4040.	12.8	71
12	An empirical solvus for CO ₂ -H ₂ O-2.6 wt% salt. <i>Geochimica Et Cosmochimica Acta</i> , 1981, 45, 225-228.	3.9	69
13	Contrast of metamorphic and structural histories across the work channel lineament, Coast Plutonic Complex, British Columbia. <i>Journal of Geophysical Research</i> , 1982, 87, 3849-3860.	3.3	66
14	Large-scale transpressive shear zone patterns and displacements within magmatic arcs: The Coast Plutonic Complex, British Columbia. <i>Tectonics</i> , 1999, 18, 278-292.	2.8	65
15	Strain partitioning in an obliquely convergent orogen, plutonism, and synorogenic collapse: Coast Mountains Batholith, British Columbia, Canada. <i>Tectonics</i> , 2003, 22, n/a-n/a.	2.8	61
16	Decagonite, Al ₇₁ Ni ₂₄ Fe ₅ , a quasicrystal with decagonal symmetry from the Khatyrka CV3 carbonaceous chondrite. <i>American Mineralogist</i> , 2015, 100, 2340-2343.	1.9	61
17	Fluid inclusions in hydrated granulite facies rocks, southern marginal zone of the Limpopo Belt, South Africa. <i>Geochimica Et Cosmochimica Acta</i> , 1988, 52, 1057-1064.	3.9	59
18	Kinematics and tectonic significance of transpressive structures within the Coast Plutonic Complex, British Columbia. <i>Journal of Structural Geology</i> , 1999, 21, 229-243.	2.3	59

#	ARTICLE	IF	CITATIONS
19	Formation of new continental crust in Western British Columbia during transpression and transtension. <i>Earth and Planetary Science Letters</i> , 2006, 249, 29-38.	4.4	52
20	Wide-angle seismic imaging across accreted terranes, southeastern Alaska and western British Columbia. <i>Tectonophysics</i> , 1998, 299, 281-296.	2.2	50
21	Generation of new continental crust and terrane accretion in Southeastern Alaska and Western British Columbia: constraints from P- and S-wave wide-angle seismic data (ACCRETE). <i>Tectonophysics</i> , 2001, 341, 49-67.	2.2	49
22	Low-pressure facies series metamorphism in an accretionary sedimentary prism, southern Alaska. <i>Geology</i> , 1988, 16, 358.	4.4	46
23	Khatyrka, a new CV3 find from the Koryak Mountains, Eastern Russia. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1499-1514.	1.6	44
24	Thermal modeling of the Chugach Metamorphic Complex. <i>Journal of Geophysical Research</i> , 1989, 94, 4411-4423.	3.3	39
25	Steinhardtite, a new body-centered-cubic allotropic form of aluminum from the Khatyrka CV3 carbonaceous chondrite. <i>American Mineralogist</i> , 2014, 99, 2433-2436.	1.9	37
26	Granulite Facies Metamorphism in the Coast Range Crystalline Belt. <i>Canadian Journal of Earth Sciences</i> , 1975, 12, 1953-1955.	1.3	31
27	Evidence of cross-cutting and redox reaction in Khatyrka meteorite reveals metallic-Al minerals formed in outer space. <i>Scientific Reports</i> , 2017, 7, 1637.	3.3	26
28	Seismic and laboratory constraints on crustal formation in a former continental arc (ACCRETE). <i>Tectonophysics</i> , 2010, 503, 1-19.	3.3	19
29	The Central Gneiss Complex, Coast Mountains, British Columbia. <i>Geology</i> , 2000, 28, 11-13.		13
30	The paleomagnetic effects of reheating the Ecstall pluton, British Columbia. <i>Earth and Planetary Science Letters</i> , 2004, 221, 397-407.	4.4	12
31	Whole crustal response to late Tertiary extension near Prince Rupert, British Columbia. <i>Geology</i> , 2008, 36, 360.		8
32	Response of continental magmatic arcs to regional tectonic changes recorded by synorogenic plutons in the middle crust: An example from the Coast Mountains of British Columbia. <i>Journal of Structural Geology</i> , 2011, 33, 1089-1104.	2.3	6
33	Fluid flow during deep crustal metamorphism, an introduction to new data from the Southern Marginal Zone of the Limpopo Belt. <i>Precambrian Research</i> , 1992, 55, 321-325.	2.7	5
34	Architecture and Evolution of the Crust during Continental Arc Magmatism: A Transect through the Coast Mountains Batholith, British Columbia. <i>Geology</i> , 2020, 48, 1-40.		0