David Cornell

List of Publications by Citations

52	1,547	23	38
papers	citations	h-index	g-index
52	1,695	2.9	4.43
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
52	Trace-element geochemistry of mantle olivine and application to mantle petrogenesis and geothermobarometry. *Chemical Geology*, **2010**, 270, 196-215	4.2	262
51	The Kibaran of southern Africa: Tectonic evolution and metallogeny. *Ore Geology Reviews*, **1994**, 9, 131-160	3.2	133
50	Ion-probe dating of 1.2 Ga collision and crustal architecture in the Namaqua-Natal Province of southern Africa. *Precambrian Research*, **2007**, 158, 79-92	3.9	78
49	Apatite in early Archean Isua supracrustal rocks, southern West Greenland: its origin, association with graphite and potential as a biomarker. *Precambrian Research*, **2002**, 118, 221-241	3.9	70
48	Sveconorwegian (-Grenvillian) deformation, metamorphism and leucosome formation in SW Sweden, SW Baltic Shield: constraints from a Mesoproterozoic granite intrusion. *Precambrian Research*, **1999**, 98, 151-171	3.9	67
47	New Insights into the Geology of the Namaqua Tectonic Province, South Africa, from Ion Probe Dating of Detrital and Metamorphic Zircon. *Journal of Geology*, **2003**, 111, 347-366	2	58
46	Dating mafic–ultramafic intrusions by ion-microprobing contact-melt zircon: examples from SW Sweden. *Contributions To Mineralogy and Petrology*, **2000**, 139, 115-125	3.5	53
45	Rare earths from supernova to superconductor. *Pure and Applied Chemistry*, **1993**, 65, 2453-2464	2.1	51
44	Crustal evolution of the Rehoboth Province from Archaean to Mesoproterozoic times: Insights from the Rehoboth Basement Inlier. *Precambrian Research*, **2014**, 240, 22-36	3.9	35
43	Three Compositional Varieties of Rare-Earth Element Ore: Eudialyte-Group Minerals from the Norra Kärr Alkaline Complex, Southern Sweden. *Minerals (Basel, Switzerland)*, **2013**, 3, 94-120	2.4	35
42	A collision-related pressure-temperature-time path for Prieska copper mine, namaqua-natal tectonic province, South Africa. *Precambrian Research*, **1992**, 59, 43-71	3.9	35
41	The alkaline porphyry associated Yaoan gold deposit, Yunnan, China: rare earth element and stable isotope evidence for magmatic-hydrothermal ore formation. *Mineralium Deposita*, **2004**, 39, 21-30	4.8	34
40	A New Chronostratigraphic Paradigm for the Age and Tectonic History of the Mesoproterozoic Bushmanland Ore District, South Africa. *Economic Geology*, **2009**, 104, 385-404	4.3	33
39	Ion probe dating of a migmatite in SW Sweden: the fate of zircon in crustal processes. *Precambrian Research*, **2004**, 130, 251-266	3.9	32
38	Ion probe zircon dating of metasediments from the Areachap and Kakamas Terranes, Namaqua-Natal Province and the stratigraphic integrity of the Areachap Group. *South African Journal of Geology*, **2007**, 110, 575-584	1.6	31
37	ZIRCON U-PB EMPLACEMENT AND ND-HF CRUSTAL RESIDENCE AGES OF THE STRAUSSBURG GRANITE AND FRIERSDALE CHARNOCKITE IN THE NAMAQUA-NATAL PROVINCE, SOUTH AFRICA. *South African Journal of Geology*, **2012**, 115, 465-484	1.6	30
36	Igneous and metamorphic geochronologic evolution of granitoids in the central Eastern Segment, southern Sweden. *International Geology Review*, **2012**, 54, 509-546	2.3	30

35	Eclogites in the central part of the Sveconorwegian Eastern Segment of the Baltic Shield: Support for an extensive eclogite terrane. *Gff*, **2005**, 127, 221-232	0.9	30
34	REE composition of primary and altered feldspar from the mineralized alteration zone of alkaline intrusive rocks, western Yunnan Province, China. *Ore Geology Reviews*, **2002**, 19, 69-78	3.2	29
33	Geochronology of Mesoproterozoic hybrid intrusions in the Konkiep Terrane, Namibia, from passive to active continental margin in the Namaqua-Natal Wilson Cycle. *Precambrian Research*, **2015**, 265, 166-188	3.9	28
32	Rare earth element and isotopic evidence for the genesis of the Prieska massive sulfide deposit, South Africa. *Economic Geology*, **1989**, 84, 49-63	4.3	27
31	Geochronological constraints on the Hartbees River Thrust and Augrabies Nappe: New insights into the assembly of the Mesoproterozoic Namaqua-Natal Province of Southern Africa. *Precambrian Research*, **2015**, 265, 150-165	3.9	24
30	Evidence from Dwyka tillite cobbles of Archaean basement beneath the Kalahari sands of southern Africa. *Lithos*, **2011**, 125, 482-502	2.9	23
29	Three episodes of crustal development in the Rehoboth Province, Namibia. *Geological Society Special Publication*, **2011**, 357, 27-47	1.7	23
28	Sm-Nd data for granitoids across the Namaqua sector of the Namaqua-Natal Province, South Africa. *Geological Society Special Publication*, **2009**, 323, 219-230	1.7	21
27	Age and tectonic setting of Boc□ and Ocna de Fier □Dognecea granodiorites (southwest Romania) and of associated skarn mineralisation. *Mineralium Deposita*, **1999**, 34, 743-753	4.8	21
26	A volcanic-exhalative origin for the world's largest (Kalahari) Manganese field. *Mineralium Deposita*, **1995**, 30, 146	4.8	21
25	Eclogite-hosting metapelites from the Pohorje Mountains (Eastern Alps): P-T evolution, zircon geochronology and tectonic implications. *European Journal of Mineralogy*, **2010**, 21, 1191-1212	2.2	19
24	Evidence of kimberlite-grospydite reaction. *Contributions To Mineralogy and Petrology*, **1974**, 45, 153-160	3.5	15
23	On-line capillary supercritical fluid chromatography-inductively coupled plasma mass spectrometry for the analysis of organometallic compounds. *Journal of High Resolution Chromatography*, **1995**, 18, 33-37		14
22	Geochemistry and Ar□Ar muscovite ages of the Daraban Leucogranite, Mawat Ophiolite, northeastern Iraq: Implications for Arabia□Eurasia continental collision. *Journal of Asian Earth Sciences*, **2014**, 86, 151-165	2.8	13
21	Character and origin of variably deformed granitoids in central southern Sweden: implications from geochemistry and Nd isotopes. *Geological Journal*, **2011**, 46, 597-618	1.7	13
20	Geochemistry and metamorphism of the Prieska Zn-Cu deposit, South Africa. *Economic Geology*, **1989**, 84, 34-48	4.3	13
19	Age, tectonic setting and petrogenesis of the Habo Volcanic Suite: Evidence for an active continental margin setting for the Transscandinavian Igneous Belt. *Gff*, **2008**, 130, 123-138	0.9	12
18	Determination of organotin compounds by capillary supercritical fluid chromatography with inductively coupled plasma mass spectrometric detection. *Journal of Chromatography A*, **1994**, 683, 223-231	4.5	12

17	Petrology and geochronology of low-pressure mafic granulites in the Marydale Group, South Africa. *Lithos*, **1989**, 22, 287-303	2.9	12
16	U□Pb zircon geochronology of the Daraban leucogranite, Mawat ophiolite, Northeastern Iraq: A record of the subduction to collision history for the Arabia□Eurasia plates. *Island Arc*, **2017**, 26, e12188	2	11
15	Ion microprobe discovery of Archaean and Early Proterozoic zircon xenocrysts in southwest Sweden. *Gff*, **2000**, 122, 377-383	0.9	11
14	Feasibility of total-rock Pb?Pb dating of metamorphosed banded iron formation; The Marydale Group, southern Africa. *Chemical Geology: Isotope Geoscience Section*, **1986**, 59, 255-271		10
13	A post-Transvaal age for the Marydale Formation, Kheis Group, Southern Africa. *Earth and Planetary Science Letters*, **1977**, 37, 117-123	5.3	10
12	Precise microbeam dating defines three Archaean granitoid suites at the southwestern margin of the Kaapvaal Craton. *Precambrian Research*, **2018**, 304, 21-38	3.9	9
11	P□□ conditions during skarn formation in the Ocna de Fier ore district, Romania. *Mineralium Deposita*, **1999**, 34, 730-742	4.8	8
10	Geochronology and tectonic evolution of the Hohewarte Complex, central Namibia: New insights in Paleoproterozoic to Early Neoproterozoic crustal accretion processes. *Journal of African Earth Sciences*, **2014**, 99, 228-244	2.2	7
9	The Plat Sjambok Anorthosite and its tonalitic country rocks: Mesoproterozoic pre-tectonic intrusions in the Kaaien Terrane, Namaqua□Natal Province, southern Africa. *International Geology Review*, **2013**, 55, 1471-1489	2.3	7
8	Mg-rich staurolite and kyanite inclusions in metabasic garnet amphibolite from the Swedish Eastern Segment: evidence for a Mesoproterozoic subduction event. *European Journal of Mineralogy*, **2011**, 23, 609-631	2.2	7
7	Molybdenum mineralization at Alpeiner Scharte, Tyrol (Austria): results of in-situ U□Pb zircon and Re□Os molybdenite dating. *Mineralogy and Petrology*, **2004**, 82, 33-64	1.6	7
6	Baddeleyite geochronology and geochemistry of mafic cobbles from the Dwyka diamictite: New insights into the sub-Kalahari basement, South Africa. *Lithos*, **2011**, 126, 307-320	2.9	6
5	Age and tectonic significance of the Banana Beach Gneiss, KwaZulu-Natal South Coast, South Africa. *South African Journal of Geology*, **2006**, 109, 335-340	1.6	6
4	Nature and stratigraphic position of the 1614 Ma Delsjö augen granite-gneiss in the Median Segment of south-west Sweden. *Gff*, **2006**, 128, 21-32	0.9	5
3	Documentation of a hydrous ultramafic magma intrusion in the 1.62 Ga crust of southern Sweden. *Gff*, **2000**, 122, 251-255	0.9	5
2	Development of living organisms on the lava-water interface of Palaeoproterozoic Ongeluk lavas of South Africa **2008**,		1
1	A NEW CHRONOSTRATIGRAPHIC PARADIGM FOR THE AGE AND TECTONIC HISTORY OF THE MESOPROTEROZOIC BUSHMANLAND ORE DISTRICT, SOUTH AFRICA--A REPLY. *Economic Geology*, **2009**, 104, 1282-1285	4.3	0