

David Cornell

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

1,547
citations

23
h-index

38
g-index

52
ext. papers

1,695
ext. citations

2.9
avg, IF

4.43
L-index

#	Paper	IF	Citations
52	Precise microbeam dating defines three Archaean granitoid suites at the southwestern margin of the Kaapvaal Craton. <i>Precambrian Research</i> , 2018 , 304, 21-38	3.9	9
51	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. <i>Island Arc</i> , 2017 , 26, e12188	2	11
50	Geochronological constraints on the Hartbees River Thrust and Augrabies Nappe: New insights into the assembly of the Mesoproterozoic Namaqua-Natal Province of Southern Africa. <i>Precambrian Research</i> , 2015 , 265, 150-165	3.9	24
49	Geochronology of Mesoproterozoic hybrid intrusions in the Konkiep Terrane, Namibia, from passive to active continental margin in the Namaqua-Natal Wilson Cycle. <i>Precambrian Research</i> , 2015 , 265, 166-188	3.9	28
48	Geochronology and tectonic evolution of the Hohewarte Complex, central Namibia: New insights in Paleoproterozoic to Early Neoproterozoic crustal accretion processes. <i>Journal of African Earth Sciences</i> , 2014 , 99, 228-244	2.2	7
47	Crustal evolution of the Rehoboth Province from Archaean to Mesoproterozoic times: Insights from the Rehoboth Basement Inlier. <i>Precambrian Research</i> , 2014 , 240, 22-36	3.9	35
46	Geochemistry and Ar-Ar muscovite ages of the Daraban Leucogranite, Mawat Ophiolite, northeastern Iraq: Implications for Arabia-Eurasia continental collision. <i>Journal of Asian Earth Sciences</i> , 2014 , 86, 151-165	2.8	13
45	Three Compositional Varieties of Rare-Earth Element Ore: Eudialyte-Group Minerals from the Norra Kärr Alkaline Complex, Southern Sweden. <i>Minerals (Basel, Switzerland)</i> , 2013 , 3, 94-120	2.4	35
44	The Plat Sjambok Anorthosite and its tonalitic country rocks: Mesoproterozoic pre-tectonic intrusions in the Kaaien Terrane, Namaqua-Natal Province, southern Africa. <i>International Geology Review</i> , 2013 , 55, 1471-1489	2.3	7
43	ZIRCON U-PB EMPLACEMENT AND ND-HF CRUSTAL RESIDENCE AGES OF THE STRAUSSBURG GRANITE AND FRIERSDALE CHARNOKITE IN THE NAMAQUA-NATAL PROVINCE, SOUTH AFRICA. <i>South African Journal of Geology</i> , 2012 , 115, 465-484	1.6	30
42	Igneous and metamorphic geochronologic evolution of granitoids in the central Eastern Segment, southern Sweden. <i>International Geology Review</i> , 2012 , 54, 509-546	2.3	30
41	Mg-rich staurolite and kyanite inclusions in metabasic garnet amphibolite from the Swedish Eastern Segment: evidence for a Mesoproterozoic subduction event. <i>European Journal of Mineralogy</i> , 2011 , 23, 609-631	2.2	7
40	Evidence from Dwyka tillite cobbles of Archaean basement beneath the Kalahari sands of southern Africa. <i>Lithos</i> , 2011 , 125, 482-502	2.9	23
39	Baddeleyite geochronology and geochemistry of mafic cobbles from the Dwyka diamictite: New insights into the sub-Kalahari basement, South Africa. <i>Lithos</i> , 2011 , 126, 307-320	2.9	6
38	Character and origin of variably deformed granitoids in central southern Sweden: implications from geochemistry and Nd isotopes. <i>Geological Journal</i> , 2011 , 46, 597-618	1.7	13
37	Three episodes of crustal development in the Rehoboth Province, Namibia. <i>Geological Society Special Publication</i> , 2011 , 357, 27-47	1.7	23
36	Eclogite-hosting metapelites from the Pohorje Mountains (Eastern Alps): P-T evolution, zircon geochronology and tectonic implications. <i>European Journal of Mineralogy</i> , 2010 , 21, 1191-1212	2.2	19

35	Trace-element geochemistry of mantle olivine and application to mantle petrogenesis and geothermobarometry. <i>Chemical Geology</i> , 2010 , 270, 196-215	4.2	262
34	Sm-Nd data for granitoids across the Namaqua sector of the Namaqua-Natal Province, South Africa. <i>Geological Society Special Publication</i> , 2009 , 323, 219-230	1.7	21
33	A NEW CHRONOSTRATIGRAPHIC PARADIGM FOR THE AGE AND TECTONIC HISTORY OF THE MESOPROTEROZOIC BUSHMANLAND ORE DISTRICT, SOUTH AFRICA--A REPLY. <i>Economic Geology</i> , 2009 , 104, 1282-1285	4.3	0
32	A New Chronostratigraphic Paradigm for the Age and Tectonic History of the Mesoproterozoic Bushmanland Ore District, South Africa. <i>Economic Geology</i> , 2009 , 104, 385-404	4.3	33
31	Age, tectonic setting and petrogenesis of the Habo Volcanic Suite: Evidence for an active continental margin setting for the Transscandinavian Igneous Belt. <i>Gff</i> , 2008 , 130, 123-138	0.9	12
30	Development of living organisms on the lava-water interface of Palaeoproterozoic Ongeluk lavas of South Africa 2008 ,		1
29	Ion probe zircon dating of metasediments from the Areachap and Kakamas Terranes, Namaqua-Natal Province and the stratigraphic integrity of the Areachap Group. <i>South African Journal of Geology</i> , 2007 , 110, 575-584	1.6	31
28	Ion-probe dating of 1.2 Ga collision and crustal architecture in the Namaqua-Natal Province of southern Africa. <i>Precambrian Research</i> , 2007 , 158, 79-92	3.9	78
27	Age and tectonic significance of the Banana Beach Gneiss, KwaZulu-Natal South Coast, South Africa. <i>South African Journal of Geology</i> , 2006 , 109, 335-340	1.6	6
26	Nature and stratigraphic position of the 1614 Ma Delsjö augen granite-gneiss in the Median Segment of south-west Sweden. <i>Gff</i> , 2006 , 128, 21-32	0.9	5
25	Eclogites in the central part of the Sveconorwegian Eastern Segment of the Baltic Shield: Support for an extensive eclogite terrane. <i>Gff</i> , 2005 , 127, 221-232	0.9	30
24	Molybdenum mineralization at Alpeiner Scharte, Tyrol (Austria): results of in-situ U ^{Bb} zircon and Re ^{Ds} molybdenite dating. <i>Mineralogy and Petrology</i> , 2004 , 82, 33-64	1.6	7
23	The alkaline porphyry associated Yaoñn gold deposit, Yunnan, China: rare earth element and stable isotope evidence for magmatic-hydrothermal ore formation. <i>Mineralium Deposita</i> , 2004 , 39, 21-30	4.8	34
22	Ion probe dating of a migmatite in SW Sweden: the fate of zircon in crustal processes. <i>Precambrian Research</i> , 2004 , 130, 251-266	3.9	32
21	New Insights into the Geology of the Namaqua Tectonic Province, South Africa, from Ion Probe Dating of Detrital and Metamorphic Zircon. <i>Journal of Geology</i> , 2003 , 111, 347-366	2	58
20	REE composition of primary and altered feldspar from the mineralized alteration zone of alkaline intrusive rocks, western Yunnan Province, China. <i>Ore Geology Reviews</i> , 2002 , 19, 69-78	3.2	29
19	Apatite in early Archean Isua supracrustal rocks, southern West Greenland: its origin, association with graphite and potential as a biomarker. <i>Precambrian Research</i> , 2002 , 118, 221-241	3.9	70
18	Dating mafic-ultramafic intrusions by ion-microprobing contact-melt zircon: examples from SW Sweden. <i>Contributions To Mineralogy and Petrology</i> , 2000 , 139, 115-125	3.5	53

17	Ion microprobe discovery of Archaean and Early Proterozoic zircon xenocrysts in southwest Sweden. <i>Gff</i> , 2000 , 122, 377-383	0.9	11
16	Documentation of a hydrous ultramafic magma intrusion in the 1.62 Ga crust of southern Sweden. <i>Gff</i> , 2000 , 122, 251-255	0.9	5
15	P _T conditions during skarn formation in the Ocna de Fier ore district, Romania. <i>Mineralium Deposita</i> , 1999 , 34, 730-742	4.8	8
14	Age and tectonic setting of Bocă and Ocna de Fier Dognenecea granodiorites (southwest Romania) and of associated skarn mineralisation. <i>Mineralium Deposita</i> , 1999 , 34, 743-753	4.8	21
13	Sveconorwegian (-Grenvillian) deformation, metamorphism and leucosome formation in SW Sweden, SW Baltic Shield: constraints from a Mesoproterozoic granite intrusion. <i>Precambrian Research</i> , 1999 , 98, 151-171	3.9	67
12	A volcanic-exhalative origin for the world's largest (Kalahari) Manganese field. <i>Mineralium Deposita</i> , 1995 , 30, 146	4.8	21
11	On-line capillary supercritical fluid chromatography-inductively coupled plasma mass spectrometry for the analysis of organometallic compounds. <i>Journal of High Resolution Chromatography</i> , 1995 , 18, 33-37		14
10	Determination of organotin compounds by capillary supercritical fluid chromatography with inductively coupled plasma mass spectrometric detection. <i>Journal of Chromatography A</i> , 1994 , 683, 223-231	4.5	12
9	The Kibaran of southern Africa: Tectonic evolution and metallogeny. <i>Ore Geology Reviews</i> , 1994 , 9, 131-160	1.6	133
8	Rare earths from supernova to superconductor. <i>Pure and Applied Chemistry</i> , 1993 , 65, 2453-2464	2.1	51
7	A collision-related pressure-temperature-time path for Prieska copper mine, namaqua-natal tectonic province, South Africa. <i>Precambrian Research</i> , 1992 , 59, 43-71	3.9	35
6	Rare earth element and isotopic evidence for the genesis of the Prieska massive sulfide deposit, South Africa. <i>Economic Geology</i> , 1989 , 84, 49-63	4.3	27
5	Petrology and geochronology of low-pressure mafic granulites in the Marydale Group, South Africa. <i>Lithos</i> , 1989 , 22, 287-303	2.9	12
4	Geochemistry and metamorphism of the Prieska Zn-Cu deposit, South Africa. <i>Economic Geology</i> , 1989 , 84, 34-48	4.3	13
3	Feasibility of total-rock Pb ²⁰⁶ /Pb ²³⁸ dating of metamorphosed banded iron formation; The Marydale Group, southern Africa. <i>Chemical Geology: Isotope Geoscience Section</i> , 1986 , 59, 255-271		10
2	A post-Transvaal age for the Marydale Formation, Kheis Group, Southern Africa. <i>Earth and Planetary Science Letters</i> , 1977 , 37, 117-123	5.3	10
1	Evidence of kimberlite-grospydite reaction. <i>Contributions To Mineralogy and Petrology</i> , 1974 , 45, 153-160	0.5	15