

Christian Koeberl

List of Publications by Year in descending order

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332
papers

10,944
citations

31976
53
h-index

51608
86
g-index

339
all docs

339
docs citations

339
times ranked

5332
citing authors

#	ARTICLE	IF	CITATIONS
1	The Chicxulub Asteroid Impact and Mass Extinction at the Cretaceous-Paleogene Boundary. <i>Science</i> , 2010, 327, 1214-1218.	12.6	1,140
2	The convincing identification of terrestrial meteorite impact structures: What works, what doesn't, and why. <i>Earth-Science Reviews</i> , 2010, 98, 123-170.	9.1	446
3	Petrology and geochemistry of Antarctic micrometeorites. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 3879-3904.	3.9	222
4	Geochemistry of Tektites and Impact Glasses. <i>Annual Review of Earth and Planetary Sciences</i> , 1986, 14, 323-350.	11.0	164
5	Experimental shock deformation in zircon: a transmission electron microscopic study. <i>Earth and Planetary Science Letters</i> , 1999, 169, 291-301.	4.4	160
6	Instrumental neutron activation analysis of geochemical and cosmochemical samples: A fast and reliable method for small sample analysis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1993, 168, 47-60.	1.5	150
7	Impact Origin of the Chesapeake Bay Structure and the Source of the North American Tektites. <i>Science</i> , 1996, 271, 1263-1266.	12.6	139
8	Geochemistry and age of Ivory Coast tektites and microtektites. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 1745-1772.	3.9	129
9	Estimating Duration and Intensity of Neoproterozoic Snowball Glaciations from Ir Anomalies. <i>Science</i> , 2005, 308, 239-242.	12.6	115
10	The Younger Dryas impact hypothesis: A requiem. <i>Earth-Science Reviews</i> , 2011, 106, 247-264.	9.1	110
11	Impact structures in Africa: A review. <i>Journal of African Earth Sciences</i> , 2014, 93, 57-175.	2.0	110
12	Geochemistry and origin of Muong Nong-type tektites. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 1033-1064.	3.9	107
13	Roter Kamm impact crater, Namibia: Geochemistry of basement rocks and breccias. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 2689-2710.	3.9	97
14	Detection of a Meteoritic Component in Ivory Coast Tektites with Rhenium-Osmium Isotopes. <i>Science</i> , 1993, 261, 595-598.	12.6	95
15	Systematic study of universal ϵ stage measurements of planar deformation features in shocked quartz: Implications for statistical significance and representation of results. <i>Meteoritics and Planetary Science</i> , 2009, 44, 925-940.	1.6	94
16	Morokweng, South Africa: A large impact structure of Jurassic-Cretaceous boundary age. <i>Geology</i> , 1997, 25, 731.	4.4	93
17	The geochemistry of tektites: an overview. <i>Tectonophysics</i> , 1990, 171, 405-422.	2.2	91
18	Isotopic comparison of K/T boundary impact glass with melt rock from the Chicxulub and Manson impact structures. <i>Nature</i> , 1993, 364, 325-327.	27.8	91

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19	Petrology and geochemistry of target rocks from the Bosumtwi impact structure, Ghana, and comparison with Ivory Coast tektites. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 2179-2196.	3.9	91
20	Re-Os isotope and geochemical study of the Vredefort Granophyre: Clues to the origin of the Vredefort structure, South Africa. <i>Geology</i> , 1996, 24, 913.	4.4	90
21	Neodymium and strontium isotopic study of Australasian tektites: New constraints on the provenance and age of target materials. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 483-492.	3.9	85
22	Geochemistry of impact glasses from the K/T boundary in Haiti: Relation to smectites and a new type of glass. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 2113-2129.	3.9	85
23	Determination of platinum group elements in impact breccias using neutron activation analysis and ultrasonic nebulization inductively coupled plasma mass spectrometry after anion exchange preconcentration. <i>Analytica Chimica Acta</i> , 2001, 436, 79-85.	5.4	83
24	Isotopic fractionation of zinc in tektites. <i>Earth and Planetary Science Letters</i> , 2009, 277, 482-489.	4.4	83
25	Diamonds from the Popigai impact structure, Russia. <i>Geology</i> , 1997, 25, 967.	4.4	82
26	An international and multidisciplinary drilling project into a young complex impact structure: The 2004 ICDP Bosumtwi Crater Drilling Project – An overview. <i>Meteoritics and Planetary Science</i> , 2007, 42, 483-511.	1.6	81
27	Provenance and tectonic setting of Late Proterozoic Buem sandstones of southeastern Ghana: Evidence from geochemistry and detrital modes. <i>Journal of African Earth Sciences</i> , 2006, 44, 85-96.	2.0	80
28	Geochemistry of the end-Permian extinction event in Austria and Italy: No evidence for an extraterrestrial component. <i>Geology</i> , 2004, 32, 1053.	4.4	78
29	Water in tektites and impact glasses by fourier-transformed infrared spectrometry. <i>Meteoritics and Planetary Science</i> , 1997, 32, 211-216.	1.6	74
30	Laser argon dating of melt breccias from the Siljan impact structure, Sweden: Implications for a possible relationship to Late Devonian extinction events. <i>Meteoritics and Planetary Science</i> , 2005, 40, 591-607.	1.6	74
31	Geochemical and mineralogical investigation of the Permian–Triassic boundary in the continental realm of the southern Karoo Basin, South Africa. <i>Palaeoworld</i> , 2007, 16, 67-104.	1.1	72
32	The Gardnos impact structure, Norway: Petrology and geochemistry of target rocks and impactites. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 873-904.	3.9	71
33	The Lake El'gygytgyn Scientific Drilling Project – Conquering Arctic Challenges through Continental Drilling. <i>Scientific Drilling</i> , 0, 11, 29-40.	0.6	69
34	Impact Processes on the Early Earth. <i>Elements</i> , 2006, 2, 211-216.	0.5	68
35	⁴⁰ Ar/ ³⁹ Ar age of the Lonar crater and consequence for the geochronology of planetary impacts. <i>Geology</i> , 2011, 39, 671-674.	4.4	67
36	Re–Os isotope systematics as a diagnostic tool for the study of impact craters and distal ejecta. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1997, 132, 25-46.	2.3	66

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37	Isotopic fractionation of Cu in tektites. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 799-807.	3.9	66
38	Infrared and Raman spectra of ZrSiO ₄ experimentally shocked at high pressures. <i>Mineralogical Magazine</i> , 2004, 68, 801-811.	1.4	65
39	Deep Drilling into the Chesapeake Bay Impact Structure. <i>Science</i> , 2008, 320, 1740-1745.	12.6	65
40	Geochemistry of Impactites. <i>Elements</i> , 2012, 8, 37-42.	0.5	65
41	Sulfur geochemistry across a terrestrial Permian–Triassic boundary section in the Karoo Basin, South Africa. <i>Earth and Planetary Science Letters</i> , 2003, 206, 101-117.	4.4	63
42	Geochemistry of Cenozoic microtektites and clinopyroxene-bearing spherules. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 3971-4006.	3.9	63
43	Identification of meteoritic components in impactites. <i>Geological Society Special Publication</i> , 1998, 140, 133-153.	1.3	62
44	African meteorite impact craters: characteristics and geological importance. <i>Journal of African Earth Sciences</i> , 1994, 18, 263-295.	2.0	61
45	Target rocks, impact glasses, and melt rocks from the Lonar impact crater, India: Petrography and geochemistry. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1473-1492.	1.6	61
46	Characterisation of ballen quartz and cristobalite in impact breccias: new observations and constraints on ballen formation. <i>European Journal of Mineralogy</i> , 2009, 21, 203-217.	1.3	61
47	Iron oxidation state in the Fe-rich layer and silica matrix of Libyan Desert Glass: A high-resolution XANES study. <i>Meteoritics and Planetary Science</i> , 2003, 38, 1181-1186.	1.6	60
48	Chicxulub Crater, Yucatan: Tektites, impact glasses, and the geochemistry of target rocks and breccias. <i>Geology</i> , 1993, 21, 211.	4.4	59
49	Evidence for a meteoritic component in impact melt rock from the chicxulub structure. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 1679-1684.	3.9	59
50	Shocked rocks and impact glasses from the El'gygytgyn impact structure, Russia. <i>Meteoritics and Planetary Science</i> , 2004, 39, 1495-1508.	1.6	59
51	End-Permian catastrophe by bolide impact: Evidence of a gigantic release of sulfur from the mantle: Comment and Reply. <i>Geology</i> , 2002, 30, 855.	4.4	58
52	Geochemistry of 2.63–2.49Ga impact spherule layers and implications for stratigraphic correlations and impact processes. <i>Precambrian Research</i> , 2009, 175, 51-76.	2.7	54
53	Detailed structural analysis of the rim of a large, complex impact crater: Bosumtwi Crater, Ghana. <i>Geology</i> , 1998, 26, 543.	4.4	53
54	Geochemistry and petrology of Witwatersrand and Dwyka diamictites from South Africa: search for an extraterrestrial component. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 2007-2016.	3.9	53

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55	Petrography and geochemistry of the Singo granite, Uganda, and implications for its origin. <i>Journal of African Earth Sciences</i> , 2003, 36, 73-87.	2.0	53
56	Chromium isotopic studies of terrestrial impact craters: Identification of meteoritic components at Bosumtwi, Clearwater East, Lappajärvi, and Rochechouart. <i>Earth and Planetary Science Letters</i> , 2007, 256, 534-546.	4.4	53
57	Nature of the archean midcrust in the core of the Vredefort dome, Central Kaapvaal Craton, South Africa. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 623-642.	3.9	52
58	El'gygytgyn impact crater, Russia: Structure, tectonics, and morphology. <i>Meteoritics and Planetary Science</i> , 2007, 42, 307-319.	1.6	52
59	Mineralogical and geochemical aspects of impact craters. <i>Mineralogical Magazine</i> , 2002, 66, 745-768.	1.4	50
60	MAC88105 – A regolith breccia from the lunar highlands: Mineralogical, petrological, and geochemical studies. <i>Geochimica Et Cosmochimica Acta</i> , 1991, 55, 3073-3087.	3.9	49
61	Tektite origin by hypervelocity asteroidal or cometary impact: Target rocks, source craters, and mechanisms. <i>Special Paper of the Geological Society of America</i> , 1992, , 133-152.	0.5	49
62	Geochemistry of intermediate to siliceous volcanic rocks of the Rooiberg Group, Bushveld Magmatic Province, South Africa. <i>Contributions To Mineralogy and Petrology</i> , 2002, 144, 131-143.	3.1	49
63	Iridium anomalies and shocked quartz in a Late Archean spherule layer from the Pilbara craton: New evidence for a major asteroid impact at 2.63 Ga. <i>Geology</i> , 2004, 32, 1029.	4.4	49
64	Shock Metamorphism of Bosumtwi Impact Crater Rocks, Shock Attenuation, and Uplift Formation. <i>Science</i> , 2008, 322, 1678-1681.	12.6	49
65	Morokweng impact structure, Northwest Province, South Africa: geophysical imaging and shock petrographic studies. <i>Earth and Planetary Science Letters</i> , 1997, 146, 351-364.	4.4	48
66	The Bosumtwi meteorite impact structure, Ghana: A magnetic model. <i>Meteoritics and Planetary Science</i> , 2000, 35, 723-732.	1.6	48
67	The Geochemistry and Cosmochemistry of Impacts. , 2014, , 73-118.		47
68	Globally distributed iridium layer preserved within the Chicxulub impact structure. <i>Science Advances</i> , 2021, 7, .	10.3	47
69	Boron content and isotopic composition of tektites and impact glasses: Constraints on source regions. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 613-624.	3.9	45
70	Potassium isotopic composition of Australasian tektites. <i>Meteoritics and Planetary Science</i> , 2004, 39, 1509-1516.	1.6	45
71	The Dhala structure, Bundelkhand craton, Central India – Eroded remnant of a large Paleoproterozoic impact structure. <i>Meteoritics and Planetary Science</i> , 2008, 43, 1383-1398.	1.6	45
72	Early Archaean spherule beds in the Barberton Mountain Land, South Africa: no evidence for impact origin. <i>Precambrian Research</i> , 1995, 74, 1-33.	2.7	44

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73	Using Instrumental Neutron Activation Analysis for geochemical analyses of terrestrial impact structures: Current analytical procedures at the University of Vienna Geochemistry Activation Analysis Laboratory. <i>Applied Radiation and Isotopes</i> , 2009, 67, 2100-2103.	1.5	44
74	Impact controversies: Impact recognition criteria and related issues. <i>Meteoritics and Planetary Science</i> , 2014, 49, 723-731.	1.6	44
75	Economic Mineral Deposits in Impact Structures: A Review. , 2005, , 479-552.		42
76	Uâ€Pb isotopic study of relict zircon inclusions recovered from Muong Nong-type tektites. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 1833-1838.	3.9	41
77	New clues from Earthâ€™s most elusive impact crater: Evidence of reidite in Australasian tektites from Thailand. <i>Geology</i> , 2018, 46, 203-206.	4.4	41
78	Petrography, geochemistry, and geochronology of granitoid rocks in the Neoproterozoic-Paleozoic Lufilianâ€™Zambezi belt, Zambia: Implications for tectonic setting and regional correlation. <i>Journal of African Earth Sciences</i> , 2004, 40, 219-244.	2.0	40
79	Differences between Antarctic and non-Antarctic meteorites: An assessment. <i>Geochimica Et Cosmochimica Acta</i> , 1991, 55, 3-18.	3.9	39
80	Geochemistry and petrography of impact breccias and target rocks from the 145 Ma Morokweng impact structure, South Africa. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 1837-1862.	3.9	39
81	Uppermost impact fallback layer in the Bosumtwi crater (Ghana): Mineralogy, geochemistry, and comparison with Ivory Coast tektites. <i>Meteoritics and Planetary Science</i> , 2007, 42, 709-729.	1.6	39
82	Rare earth element determinations at ultratrace abundance levels in geologic materials. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1987, 112, 481-487.	1.5	38
83	Cathodoluminescence, electron microscopy, and Raman spectroscopy of experimentally shock-metamorphosed zircon. <i>Earth and Planetary Science Letters</i> , 2002, 202, 495-509.	4.4	38
84	Chemical variation within fragments of Australasian tektites. <i>Meteoritics and Planetary Science</i> , 2005, 40, 805-815.	1.6	38
85	Petrogenesis of the Dullstroom Formation, Bushveld Magmatic Province, South Africa. <i>Contributions To Mineralogy and Petrology</i> , 1999, 137, 133-146.	3.1	37
86	Geochemical evidence for an impact origin for a Late Archean spherule layer, Transvaal Supergroup, South Africa. <i>Geology</i> , 2000, 28, 1103.	4.4	36
87	Carbon isotopic compositions of organic matter across continental Cretaceousâ€™Tertiary (Kâ€™T) boundary sections: Implications for paleoenvironment after the Kâ€™T impact event. <i>Earth and Planetary Science Letters</i> , 2007, 253, 226-238.	4.4	36
88	Anomalous quartz from the roter kamm impact crater, Namibia: Evidence for post-impact hydrothermal activity?. <i>Geochimica Et Cosmochimica Acta</i> , 1989, 53, 2113-2118.	3.9	35
89	Water content of glasses from the K/T boundary, Haiti: An indication of impact origin. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 4329-4332.	3.9	35
90	Is Bedout an Impact Crater? Take 2. <i>Science</i> , 2004, 306, 610-612.	12.6	35

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91	Infrared, Raman, and cathodoluminescence studies of impact glasses. <i>Meteoritics and Planetary Science</i> , 2004, 39, 1273-1285.	1.6	35
92	Geology and impact features of Vargão Dome, southern Brazil. <i>Meteoritics and Planetary Science</i> , 2012, 47, 51-71.	1.6	35
93	Chemical composition of North American microtektites and tektite fragments from Barbados and DSDP Site 612 on the continental slope off New Jersey. <i>Earth and Planetary Science Letters</i> , 1988, 87, 286-292.	4.4	33
94	The South African polymict eucrite Macibini. <i>Meteoritics and Planetary Science</i> , 2000, 35, 1321-1331.	1.6	33
95	A deep drillcore from the Morokweng impact structure, South Africa: petrography, geochemistry, and constraints on the crater size. <i>Earth and Planetary Science Letters</i> , 2002, 201, 221-232.	4.4	33
96	Magnetic and gravity model of the Morokweng impact structure. <i>Journal of Applied Geophysics</i> , 2002, 49, 129-147.	2.1	33
97	Kalkkop Crater, Cape Province, South Africa: Confirmation of impact origin using osmium isotope systematics. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 1229-1234.	3.9	32
98	Ocean Drilling Project Hole 689B spherules and upper Eocene microtektite and clinopyroxene-bearing spherule strewn fields. <i>Meteoritics and Planetary Science</i> , 1999, 34, 197-208.	1.6	32
99	The Anna's Rust Sheet and related gabbroic intrusions in the Vredefort Dome-Kibaran magmatic event on the Kaapvaal Craton and beyond?. <i>Journal of African Earth Sciences</i> , 2000, 31, 499-521.	2.0	32
100	First petrographic results on impactites from the Yaxcopoil-1 borehole, Chicxulub structure, Mexico. <i>Meteoritics and Planetary Science</i> , 2004, 39, 899-930.	1.6	32
101	The first description and confirmation of the Vista Alegre impact structure in the Paraná flood basalts of southern Brazil. <i>Meteoritics and Planetary Science</i> , 2010, 45, 181-194.	1.6	31
102	El'gygytgyn impact crater, Chukotka, Arctic Russia: Impact cratering aspects of the 2009 ICDP drilling project. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1108-1129.	1.6	31
103	Ground truth for oblique impact processes: New insight from the Rio Cuarto, Argentina, crater field. <i>Geology</i> , 1994, 22, 889.	4.4	30
104	A Muong Nong-type Georgia tektite. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 4071-4082.	3.9	30
105	Search for petrographic and geochemical evidence for the late heavy bombardment on earth in early archean rocks from Isua, Greenland. , 2000, , 73-97.		30
106	Geology and geochemistry of shallow drill cores from the Bosumtwi impact structure, Ghana. <i>Meteoritics and Planetary Science</i> , 2003, 38, 1137-1159.	1.6	30
107	Petrogenesis of A-type granitoids from the Wallagga area, western Ethiopia: constraints from mineralogy, bulk-rock chemistry, Nd and Sr isotopic compositions. <i>Precambrian Research</i> , 2003, 121, 1-24.	2.7	30
108	Establishing the link between the Chesapeake Bay impact structure and the North American tektite strewn field: The Sr-Nd isotopic evidence. <i>Meteoritics and Planetary Science</i> , 2006, 41, 689-703.	1.6	30

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109	Coeval ages of Australasian, Central American and Western Canadian tektites reveal multiple impacts 790 ka ago. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 178, 307-319.	3.9	30
110	Comparison of the osmium and chromium isotopic methods for the detection of meteoritic components in impactites: Examples from the Morokweng and Vredefort impact structures, South Africa. , 2002, , .		30
111	Saltpan impact crater, South Africa: Geochemistry of target rocks, breccias, and impact glasses, and osmium isotope systematics. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 2893-2910.	3.9	29
112	The Late Heavy Bombardment in the Inner Solar System: Is there any Connection to Kuiper Belt Objects?. <i>Earth, Moon and Planets</i> , 2003, 92, 79-87.	0.6	28
113	Shock metamorphism of siliceous volcanic rocks of the El'gygytgyn impact crater (Chukotka, Russia). , 2005, , .		28
114	The Permian-Triassic boundary sections in northern Vietnam (Nhi Tao and Lung Cam sections): Carbon-isotope excursion and elemental variations indicate major anoxic event. <i>Palaeoworld</i> , 2007, 16, 51-66.	1.1	28
115	In search of the Australasian tektite source crater: The Tonle Sap hypothesis. <i>Meteoritics</i> , 1994, 29, 411-416.	1.4	27
116	The Aouelloul crater, Mauritania: On the problem of confirming the impact origin of a small crater. <i>Meteoritics and Planetary Science</i> , 1998, 33, 513-517.	1.6	27
117	Impact processes, permafrost dynamics, and climate and environmental variability in the terrestrial Arctic as inferred from the unique 3.6 Myr record of Lake El'gygytgyn, Far East Russia – A review. <i>Quaternary Science Reviews</i> , 2016, 147, 221-244.	3.0	27
118	Moldavites from Austria. <i>Meteoritics</i> , 1988, 23, 325-332.	1.4	26
119	Upper Eocene tektite and impact ejecta layer on the continental slope off New Jersey. <i>Meteoritics and Planetary Science</i> , 1998, 33, 229-241.	1.6	26
120	Woodleigh impact structure, Australia: Shock petrography and geochemical studies. <i>Meteoritics and Planetary Science</i> , 2003, 38, 1109-1130.	1.6	26
121	Geochemistry and petrogenesis of Proterozoic mafic rocks from East Khasi Hills, Shillong Plateau, Northeastern India. <i>Precambrian Research</i> , 2013, 230, 119-137.	2.7	26
122	Origin of tektites: Constraints from heavy noble gas concentrations. <i>Meteoritics</i> , 1993, 28, 586-589.	1.4	25
123	Geology, geochemistry and petrogenesis of intrusive rocks of the Wallagga area, western Ethiopia. <i>Journal of African Earth Sciences</i> , 1999, 29, 715-734.	2.0	25
124	Comment on: “Ar evidence from illitic clays of a Late Devonian age for the 120 km diameter Woodleigh impact structure, Southern Carnarvon Basin, Western Australia” by I.T. Uysal, S.D. Golding, A.Y. Glikson, A.J. Mory and M. Glikson [Earth Planet. Sci. Lett. 192 (2001) 218–289]. <i>Earth and Planetary Science Letters</i> , 2002, 201, 247-252.	4.4	25
125	The Weathering-Modified Iridium Record of a New Cretaceous–Palaeogene Site at Lechów Near Chełm, SE Poland, and Its Palaeobiologic Implications. <i>Acta Palaeontologica Polonica</i> , 2011, 56, 205-215.	0.4	25
126	Lithostratigraphy of the impactite and bedrock section of ICDP drill core D1c from the El'gygytgyn impact crater, Russia. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1143-1159.	1.6	25

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127	Evidence for a change in Milankovitch forcing caused by extraterrestrial events at Massignano, Italy, Eocene-Oligocene boundary GSSP. , 2009, , .		25
128	The age of the Roter Kamm impact crater, Namibia: Constraints from $^{40}\text{Ar}/^{39}\text{Ar}$, K/Ar , Rb/Sr , fission track, and $^{10}\text{Be}/^{26}\text{Al}$ studies. Meteoritics, 1993, 28, 204-212.	1.4	24
129	Magmatic evolution of the suqii-wagga garnet-bearing two-mica granite, wallagga area, western Ethiopia. Journal of African Earth Sciences, 2001, 32, 193-221.	2.0	24
130	Aorounga and Gweni Fada impact structures, Chad: Remote sensing, petrography, and geochemistry of target rocks. Meteoritics and Planetary Science, 2005, 40, 1455-1471.	1.6	24
131	Petrography and geochemistry of target rocks and impactites from the Ilyinets Crater, Ukraine. Meteoritics and Planetary Science, 1998, 33, 1317-1333.	1.6	23
132	Early archean spherule beds in the Barberton mountain land, South Africa: Impact or terrestrial origin?. , 2000, , 117-180.		23
133	Critical comment on: A.J. Mory et al. "Woodleigh, Carnarvon Basin, Western Australia: a new 120 km diameter impact structure". Earth and Planetary Science Letters, 2000, 184, 353-357.	4.4	23
134	Mineralogical, geochemical, and sedimentological characteristics of clay deposits from central Uganda and their applications. Journal of African Earth Sciences, 2002, 35, 123-134.	2.0	23
135	The record of impact processes on the early Earth: A review of the first 2.5 billion years. , 2006, , .		23
136	Petrographic studies of "suevite" from outside the Bosumtwi impact structure, Ghana. Meteoritics and Planetary Science, 2006, 41, 1761-1774.	1.6	23
137	Evidence that Lake Cheko is not an impact crater. Terra Nova, 2008, 20, 165-168.	2.1	23
138	Shatter cone and microscopic shock-alteration evidence for a post-Paleoproterozoic terrestrial impact structure near Santa Fe, New Mexico, USA. Earth and Planetary Science Letters, 2008, 270, 290-299.	4.4	23
139	Chromium isotope evidence in ejecta deposits for the nature of Paleoproterozoic impactors. Earth and Planetary Science Letters, 2017, 460, 105-111.	4.4	23
140	Martian subsurface cryosalt expansion and collapse as trigger for landslides. Science Advances, 2021, 7, .	10.3	23
141	Noble gases and K-Ar ages in Aouelloul, Zhamanshin, and Libyan Desert impact glasses. Geochimica Et Cosmochimica Acta, 1991, 55, 2951-2955.	3.9	22
142	The Newporte impact structure, North Dakota, USA. Geochimica Et Cosmochimica Acta, 1995, 59, 4747-4767.	3.9	22
143	Remote sensing studies of impact craters: how to be sure?. Comptes Rendus - Geoscience, 2004, 336, 959-961.	1.2	22
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#	ARTICLE	IF	CITATIONS
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