

Christian Koeberl

List of Publications by Year in descending order

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332
papers

10,944
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31976
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339
times ranked

5332
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into the formation and emplacement of impact melt rocks within the Chicxulub impact structure, following the 2016 IODP-ICDP Expedition 364. Bulletin of the Geological Society of America, 2022, 134, 293-315.	3.3	10
2	Formation of the crater suevite sequence from the Chicxulub peak ring: A petrographic, geochemical, and sedimentological characterization. Bulletin of the Geological Society of America, 2022, 134, 895-927.	3.3	15
3	Origin of β -cristobalite in Libyan Desert Glass: The hottest naturally occurring silica polymorph?. American Mineralogist, 2022, 107, 1325-1340.	1.9	3
4	Search for a meteoritic component within the impact melt rocks of the Chicxulub impact structure peak ring, Mexico. Geochimica Et Cosmochimica Acta, 2022, 323, 74-101.	3.9	7
5	The origin of the potassium-rich annular zones at the Bosumtwi impact structure, Ghana, investigated by field study, radiometric analysis, and first cosmogenic nuclide data. Meteoritics and Planetary Science, 2022, 57, 702-729.	1.6	3
6	Tektite glasses from Belize, Central America: Petrography, geochemistry, and search for a possible meteoritic component. Geochimica Et Cosmochimica Acta, 2022, , .	3.9	3
7	Dendritic reidite from the Chesapeake Bay impact horizon, Ocean Drilling Program Site 1073 (offshore) Tj ETQq1 1 0,784314,rgBT /Ove	4.4	47
8	Globally distributed iridium layer preserved within the Chicxulub impact structure. Science Advances, 2021, 7, .	10.3	47
9	Martian subsurface cryosalt expansion and collapse as trigger for landslides. Science Advances, 2021, 7, .	10.3	23
10	In search of historical roots of the extraterrestrial impact theory, II: two unknown German pioneers from the 1850s, Ludwig Pfeil and Karl Reichenbach. International Journal of Earth Sciences, 2021, 110, 1109-1115.	1.8	0
11	Resolving the age of the Puchezh-Katunki impact structure (Russia) against alteration and inherited $^{40}\text{Ar}^*$ - No link with extinctions. Geochimica Et Cosmochimica Acta, 2021, 301, 116-140.	3.9	3
12	Impact-induced hydrothermal dissolution in pyroxene: Petrographic and geochemical characterization of basalt-dominated polymict impact breccias from the Vargeão Dome, Brazil. , 2021, , 537-549.		1
13	New field, geochemical, and petrographic evidence from the Bon Accord nickel body: Contamination of a komatiite by deep mantle or meteorite source?. , 2021, , 333-349.		1
14	Genesis of the mafic granophyre of the Vredefort impact structure (South Africa): Implications of new geochemical and Se and Re-Os isotope data. , 2021, , .		4
15	Terrestrial and extraterrestrial chemical components of early Archean impact spherule layers from Fairview Gold Mine, northern Barberton greenstone belt, South Africa. , 2021, , .		0
16	Tabun Khara Obo impact crater, Mongolia: Geophysics, geology, petrography, and geochemistry. , 2021, , .		1
17	Dedication of Large Meteorite Impacts and Planetary Evolution VI to Álvaro Penteado CrÃ³sta. , 2021, , vii-xi.		0
18	Yilan crater, China: Evidence for an origin by meteorite impact. Meteoritics and Planetary Science, 2021, 56, 1274-1292.	1.6	5

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19	Chicxulub impact structure, IODPâ€œCDP Expedition 364 drill core: Geochemistry of the granite basement. <i>Meteoritics and Planetary Science</i> , 2021, 56, 1243-1273.	1.6	5
20	Alexander William Robert Bevan, July 25, 1951â€œFebruary 11, 2021. <i>Meteoritics and Planetary Science</i> , 2021, 56, 1944-1946.	1.6	0
21	Delayed and variable late Archaean atmospheric oxidation due to high collision rates on Earth. <i>Nature Geoscience</i> , 2021, 14, 827-831.	12.9	15
22	The Zhamanshin impact structure, Kazakhstan: A comparative geochemical study of target rocks and impact glasses. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 268, 209-229.	3.9	5
23	Characterization of shocked quartz grains from Chicxulub peak ring granites and shock pressure estimates. <i>Meteoritics and Planetary Science</i> , 2020, 55, 2206-2223.	1.6	12
24	Neoarchaean crustal reworking in the Aravalli Craton: Petrogenesis and tectonometamorphic history of the Malola granite, Bhilwara area, northwestern India. <i>Geological Journal</i> , 2020, 55, 8186-8210.	1.3	8
25	Preferred orientation distribution of shockâ€œinduced planar microstructures in quartz and feldspar. <i>Meteoritics and Planetary Science</i> , 2020, 55, 1082-1092.	1.6	8
26	William A. Cassidy (1928â€œ2020). <i>Meteoritics and Planetary Science</i> , 2020, 55, 1709-1712.	1.6	0
27	Partial amorphization of experimentally shocked plagioclase: A spectroscopic study. <i>Meteoritics and Planetary Science</i> , 2020, 55, 669-678.	1.6	8
28	Petrogenetic aspects and role of liquid immiscibility from parts of eastern Deccan volcanic province, India. <i>Geological Journal</i> , 2020, 55, 5619-5638.	1.3	3
29	Analyses of radionuclides in the Oued Awlitis 001 and Galb Inal lunar meteorites by HPGe gamma-ray spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 324, 349-357.	1.5	2
30	The history of the Tissint meteorite, from its crystallization on Mars to its exposure in space: New geochemical, isotopic, and cosmogenic nuclide data. <i>Meteoritics and Planetary Science</i> , 2020, 55, 294-311.	1.6	9
31	Bruce F. Bohor (1932â€œ2019). <i>Meteoritics and Planetary Science</i> , 2020, 55, 988-990.	1.6	0
32	Asteroid impact effects on Snowball Earth. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2273-2285.	1.6	14
33	(Uâ€œTh)/He zircon dating of Chesapeake Bay distal impact ejecta from ODP site 1073. <i>Meteoritics and Planetary Science</i> , 2019, 54, 1840-1852.	1.6	6
34	Volatile loss under a diffusion-limited regime in tektites: Evidence from tin stable isotopes. <i>Chemical Geology</i> , 2019, 528, 119279.	3.3	15
35	Special issue of <i>MAPS</i> in honor of Wolf Uwe Reimold on occasion of his 65th birthday. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2165-2166.	1.6	0
36	Overestimation of threat from 100 Mtâ€œclass airbursts? High-pressure evidence from zircon in Libyan Desert Glass. <i>Geology</i> , 2019, 47, 609-612.	4.4	20

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37	Meteoritic highly siderophile element and Re-Os isotope signatures of Archean spherule layers from the CT3 drill core, Barberton Greenstone Belt, South Africa. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2203-2216.	1.6	5
38	Remnants of paleoflora in impact melt rocks of the El'gygytgyn crater (Chukotka, Russia). <i>Meteoritics and Planetary Science</i> , 2019, 54, 2532-2540.	1.6	7
39	Identification of a meteoritic component using chromium isotopic composition of impact rocks from the Lonar impact structure, India. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2592-2599.	1.6	10
40	Petrography and geochemistry of the impact to postimpact transition layer at the El'gygytgyn impact structure in Chukotka, Arctic Russia. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2510-2531.	1.6	1
41	Geochemistry of a confirmed Precambrian impact ejecta deposit: The Grønnes, spherule layer, South Greenland. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2254-2272.	1.6	4
42	Libyan Desert Glass area in western Egypt: Shocked quartz in bedrock points to a possible deeply eroded impact structure in the region. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2398-2408.	1.6	10
43	In search of historical roots of the meteorite impact theory: Franz von Paula Gruithuisen as the first proponent of an impact cratering model for the Moon in the 1820s. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2600-2630.	1.6	1
44	To be or not to be oxidized: A case study of olivine behavior in the fusion crust of ureilite A 09368 and H chondrites A 09004 and A 09502. <i>Meteoritics and Planetary Science</i> , 2019, 54, 1563-1578.	1.6	4
45	When Earth got pummeled. <i>Science</i> , 2019, 363, 224-225.	12.6	4
46	Incipient devitrification of impact melt particles at Bosumtwi crater, Ghana: Implications for suevite cooling history and melt dispersion. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2557-2572.	1.6	2
47	The Cretaceous-Paleogene transition at Galanderud (northern Alborz, Iran): A multidisciplinary approach. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 493, 82-101.	2.3	7
48	Clinopyroxene composition of volcanics from the Manipur Ophiolite, Northeastern India: implications to geodynamic setting. <i>International Journal of Earth Sciences</i> , 2018, 107, 1215-1229.	1.8	10
49	Petrographic and Micro-XRF analysis of multiple archean impact-derived spherule layers in drill core CT3 from the northern Barberton Greenstone Belt (South Africa). <i>Journal of African Earth Sciences</i> , 2018, 138, 264-288.	2.0	8
50	New clues from Earth's most elusive impact crater: Evidence of reidite in Australasian tektites from Thailand. <i>Geology</i> , 2018, 46, 203-206.	4.4	41
51	A Dutch contribution to early interpretations of Meteor Crater, Arizona, USA – Marten Edsge Mulder's ignored 1911 paper. <i>Proceedings of the Geologists Association</i> , 2018, 129, 542-560.	1.1	4
52	Geochemical evidence of an extraterrestrial component in impact melt breccia from the Paleoproterozoic Dhala impact structure, India. <i>Meteoritics and Planetary Science</i> , 2017, 52, 722-736.	1.6	15
53	Petrogenetic evolution of Cretaceous Samchampi-Samteran Alkaline Complex, Mikir Hills, Northeastern India: Implications on multiple melting events of heterogeneous plume and metasomatized sub-continental lithospheric mantle. <i>Gondwana Research</i> , 2017, 48, 237-256.	6.0	19
54	Accretionary lapilli from the Sudbury impact event. <i>Meteoritics and Planetary Science</i> , 2017, 52, 1257-1276.	1.6	7

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55	New constraints on the Paleoproterozoic meteorite bombardment of the Earth – Geochemistry and Re-Os isotope signatures of spherule layers in the BARB5 ICDP drill core from the Barberton Greenstone Belt, South Africa. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 211, 322-340.	3.9	15
56	On the occurrence and origin of anthropogenic radionuclides found in a fragment of the Chelyabinsk (<scp>LL</scp>5) meteorite. <i>Meteoritics and Planetary Science</i> , 2017, 52, 1244-1250.	1.6	0
57	Chromium isotope evidence in ejecta deposits for the nature of Paleoproterozoic impactors. <i>Earth and Planetary Science Letters</i> , 2017, 460, 105-111.	4.4	23
58	Comment on “Geophysical evidence for a large impact structure on the Falkland (Malvinas) Plateau”. <i>Terra Nova</i> , 2017, 29, 409-410.	2.1	5
59	Early Archean spherule layers from the Barberton Greenstone Belt, South Africa: Mineralogy and geochemistry of the spherule beds in the <scp>CT</scp>3 drill core. <i>Meteoritics and Planetary Science</i> , 2017, 52, 2586-2631.	1.6	10
60	Geochemistry and Geochronology of Phonolitic and Trachytic Source Rocks of the Axum Obelisks and Other Stone Artifacts, Axum, Ethiopia. <i>Geoheritage</i> , 2017, 9, 479-494.	2.8	8
61	Mineral Resources in Mobile Phones: A Case Study of Boston and Vienna Teachers and Students. <i>Journal of Geoscience Education</i> , 2017, 65, 113-125.	1.4	1
62	Stratigraphic record of the asteroidal Veritas breakup in the Tortonian Monte dei Corvi section (Ancona, Italy). <i>Bulletin of the Geological Society of America</i> , 2017, 129, 1357-1376.	3.3	11
63	Microbial activity records in Marinoan Snowball Earth postglacial transition layers connecting diamictite with cap carbonate (Otavi Group, NW-Namibia). <i>Austrian Journal of Earth Sciences</i> , 2017, 110, .	0.5	3
64	The Agoudal (High Atlas Mountains, Morocco) shatter cone conundrum: A recent meteorite fall onto the remnant of an impact site. <i>Meteoritics and Planetary Science</i> , 2016, 51, 1497-1518.	1.6	13
65	Target rocks, impact glasses, and melt rocks from the Lonar crater, India: Highly siderophile element systematics and Sr- ⁸⁷ Sm isotopic signatures. <i>Meteoritics and Planetary Science</i> , 2016, 51, 1323-1339.	1.6	15
66	Nondestructive spectroscopic and petrochemical investigations of Paleoproterozoic spherule layers from the <scp>ICDP</scp> drill core <scp>BARB</scp>5, Barberton Mountain Land, South Africa. <i>Meteoritics and Planetary Science</i> , 2016, 51, 2441-2458.	1.6	14
67	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
68	Strontium and neodymium isotope systematics of target rocks and impactites from the El'gygytgyn impact structure: Linking impactites and target rocks. <i>Meteoritics and Planetary Science</i> , 2016, 51, 2347-2365.	1.6	2
69	WIP: A Web-based program for indexing planar features in quartz grains and its usage. <i>Meteoritics and Planetary Science</i> , 2016, 51, 647-662.	1.6	8
70	The Quaternary volcanic rocks of the northern Afar Depression (northern Ethiopia): Perspectives on petrology, geochemistry, and tectonics. <i>Journal of African Earth Sciences</i> , 2016, 117, 29-47.	2.0	15
71	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
72	Melting and cataclastic features in shatter cones in basalt from the Vista Alegre impact structure, Brazil. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1228-1243.	1.6	11

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73	Geochemical studies of impact breccias and country rocks from the El'gygytgyn impact structure, Russia. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1071-1088.	1.6	3
74	Cathodoluminescence as a tool to discriminate impact melt, shocked and unshocked volcanics: A case study of samples from the El'gygytgyn impact structure. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1954-1969.	1.6	9
75	Jack B. Hartung (March 10, 1937–August 28, 2015). <i>Meteoritics and Planetary Science</i> , 2015, 50, 2137-2139.	1.6	1
76	Discovery of extraterrestrial component carrier phases in Archean spherule layers: Implications for estimation of Archean bolide sizes. <i>Geology</i> , 2015, 43, 299-302.	4.4	17
77	Cosmogenic radionuclides and mineralogical properties of the Chelyabinsk (LL5) meteorite: What do we learn about the meteoroid?. <i>Meteoritics and Planetary Science</i> , 2015, 50, 273-286.	1.6	20
78	Potential Cretaceous-Paleogene boundary tsunami deposit in the intra-Tethyan Adriatic carbonate platform section of Hvar (Croatia). <i>Bulletin of the Geological Society of America</i> , 2015, 127, 1666-1680.	3.3	20
79	Pseudotachylitic breccia from the Dhala impact structure, north-central India: Texture, mineralogy and geochemical characterization. <i>Tectonophysics</i> , 2015, 649, 18-32.	2.2	19
80	Remnants of Early Archean Impact Deposits on Earth: Search for a Meteoritic Component in the BARB5 and CT3 Drill Cores (Barberton Greenstone Belt, South Africa). <i>Procedia Engineering</i> , 2015, 103, 310-317.	1.2	10
81	The Geochemistry and Cosmochemistry of Impacts. , 2014, , 73-118.		47
82	Reply to "Comment on impact structures in Africa: A review (Short Note)" by Acevedo, R.D. et al.. <i>Journal of African Earth Sciences</i> , 2014, 100, 757-758.	2.0	5
83	Petrography and geochemistry of ejecta from the Sudbury impact event. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1749-1768.	1.6	10
84	¹⁰ Be content in clasts from fallout suevitic breccia in drill cores from the Bosumtwi impact crater, Ghana: Clues to preimpact target distribution. <i>Meteoritics and Planetary Science</i> , 2014, 49, 394-411.	1.6	4
85	Impact spherules from Karelia, Russia: Possible ejecta from the 2.02 Ga Vredefort impact event. <i>Geology</i> , 2014, 42, 375-378.	4.4	13
86	Impact structures in Africa: A review. <i>Journal of African Earth Sciences</i> , 2014, 93, 57-175.	2.0	110
87	Petrology and geochemistry of the ultramafic-mafic Mawpyut complex, Meghalaya: a Sylhet trap differentiation centre in northeastern India. <i>Geological Journal</i> , 2014, 49, 111-128.	1.3	6
88	Mineralogical analyses of surface sediments in the Antarctic Dry Valleys: coordinated analyses of Raman spectra, reflectance spectra and elemental abundances. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20140198.	3.4	20
89	Ernst Julius Å–pik's (1916) note on the theory of explosion cratering on the Moon's surface" The complex case of a long-overlooked benchmark paper. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1851-1874.	1.6	5
90	Impact controversies: Impact recognition criteria and related issues. <i>Meteoritics and Planetary Science</i> , 2014, 49, 723-731.	1.6	44

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91	Geochemistry and petrogenesis of lava flows around Linga, Chhindwara area in the Eastern Deccan Volcanic Province (EDVP), India. <i>Journal of Asian Earth Sciences</i> , 2014, 91, 174-193.	2.3	22
92	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
93	Comment on "Searching for giant, ancient impact structures on Earth: The Mesoarchaeon Maniitsoq structure, West Greenland" by Garde et al. [<i>Earth Planet. Sci. Lett.</i> 337-338 (2012) 197-210]. <i>Earth and Planetary Science Letters</i> , 2013, 369-370, 333-335.	4.4	18
94	Petrography, geochemistry, and Hf-Nd isotope evolution of drill core samples and target rocks from the El'gygytgyn impact crater, NE Chukotka, Arctic Russia. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1160-1198.	1.6	20
95	Petrology, major and trace element geochemistry, geochronology, and isotopic composition of granitic intrusions from the vicinity of the Bosumtwi impact crater, Ghana. <i>Lithos</i> , 2013, 177, 297-313.	1.4	12
96	Petrography of impact glasses and melt breccias from the El'gygytgyn impact structure, Russia. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1236-1250.	1.6	20
97	Chromium isotope anomaly in an impactite sample from the El'gygytgyn structure, Russia: Evidence for a ureilite projectile?. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1339-1350.	1.6	16
98	North American microtektites are more oxidized than tektites. <i>American Mineralogist</i> , 2013, 98, 1930-1937.	1.9	11
99	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
100	Clast size distribution and quantitative petrography of shocked and unshocked rocks from the El'gygytgyn impact structure. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1325-1338.	1.6	15
101	A statistical dynamical study of meteorite impactors: A case study based on parameters derived from the Bosumtwi impact event. <i>Astronomische Nachrichten</i> , 2013, 334, 936-939.	1.2	3
102	Can alteration experiments on impact melts from El'gygytgyn and volcanic glasses shed new light on the formation of the Martian surface?. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1287-1295.	1.6	9
103	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
104	Geochemical studies of the SUBO 18 (Enkingen) drill core and other impact breccias from the Ries crater, Germany. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1531-1571.	1.6	5
105	Geology and impact features of Vargem do Lago, southern Brazil. <i>Meteoritics and Planetary Science</i> , 2012, 47, 51-71.	1.6	35
106	Geochemistry of Impactites. <i>Elements</i> , 2012, 8, 37-42.	0.5	65
107	Occurrence and Origin of Scapolite in the Neoproterozoic Lufilianan Zambezi Belt, Zambia: Evidence/Role of Brine-Rich Fluid Infiltration During Regional Metamorphism. , 2011, , 449-473.		4
108	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

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109	Shock metamorphism investigations of quartz grains in clasts from impact breccia of the Eyreville B drill core, Chesapeake Bay impact structure, USA. <i>Meteoritics and Planetary Science</i> , 2011, 46, 621-637.	1.6	2
110	Planar deformation features in quartz from impact-produced polymict breccia of the Xiuyan crater, China. <i>Meteoritics and Planetary Science</i> , 2011, 46, 729-736.	1.6	13
111	Jared R. Morrow (October 8, 1959–October 7, 2010). <i>Meteoritics and Planetary Science</i> , 2011, 46, 919-922.	1.6	0
112	ANIE: A mathematical algorithm for automated indexing of planar deformation features in quartz grains. <i>Meteoritics and Planetary Science</i> , 2011, 46, 1418-1424.	1.6	20
113	Melt in the impact breccias from the Eyreville drill cores, Chesapeake Bay impact structure, USA. <i>Meteoritics and Planetary Science</i> , 2011, 46, 396-430.	1.6	2
114	The Younger Dryas impact hypothesis: A requiem. <i>Earth-Science Reviews</i> , 2011, 106, 247-264.	9.1	110
115	The Weathering-Modified Iridium Record of a New Cretaceous–Palaeogene Site at Lech ³ wka Near Chełm, SE Poland, and Its Palaeobiologic Implications. <i>Acta Palaeontologica Polonica</i> , 2011, 56, 205-215.	0.4	25
116	Geochemistry of basement rocks and impact breccias from the central uplift of the Bosumtwi crater, Ghana—Comparison of proximal and distal impactites. , 2010, , .		6
117	Melt particle characteristics of the within- and out-of-crater suevites from the Bosumtwi impact structure, Ghana: Implications for crater formation. , 2010, , .		9
118	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
119	Gero Kurat (1938-2009). <i>Meteoritics and Planetary Science</i> , 2010, 45, 333-335.	1.6	0
120	Ballen quartz and cristobalite in impactites: New investigations. , 2010, , .		17
121	The Chicxulub Asteroid Impact and Mass Extinction at the Cretaceous-Paleogene Boundary. <i>Science</i> , 2010, 327, 1214-1218.	12.6	1,140
122	Isotopic fractionation of Cu in tektites. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 799-807.	3.9	66
123	Single crystal U–Pb zircon age and Sr–Nd isotopic composition of impactites from the Bosumtwi impact structure, Ghana: Comparison with country rocks and Ivory Coast tektites. <i>Chemical Geology</i> , 2010, 275, 254-261.	3.3	8
124	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
125	Petrography, mineralogy, and geochemistry of deep gravelly sands in the Eyreville B core, Chesapeake Bay impact structure. <i>Meteoritics and Planetary Science</i> , 2010, 45, 1021-1052.	1.6	1
126	Brownish inclusions and dark streaks in Libyan Desert Glass: Evidence for high-temperature melting of the target rock. <i>Meteoritics and Planetary Science</i> , 2010, 45, 973-989.	1.6	20

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127	Brownish inclusions and dark streaks in Libyan Desert Glass: Evidence for high-temperature melting of the target rock. <i>Meteoritics and Planetary Science</i> , 2010, 45, 973-989.	1.6	1
128	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
129	Isotopic fractionation of zinc in tektites. <i>Earth and Planetary Science Letters</i> , 2009, 277, 482-489.	4.4	83
130	A tungsten isotope approach to search for meteoritic components in terrestrial impact rocks. <i>Earth and Planetary Science Letters</i> , 2009, 286, 35-40.	4.4	14
131	Geochemistry of 2.63–2.49 Ga impact spherule layers and implications for stratigraphic correlations and impact processes. <i>Precambrian Research</i> , 2009, 175, 51-76.	2.7	54
132	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
133	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
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