Christian Koeberl

List of Publications by Year in Descending Order

324 papers	8,940 citations	49 h-index	77 g-index
339 ext. papers	9,848 ext. citations	4.8 avg, IF	6.15 L-index

#	Paper	IF	Citations
324	Search for a meteoritic component within the impact melt rocks of the Chicxulub impact structure peak ring, Mexico. *Geochimica Et Cosmochimica Acta*, **2022**,	5.5	2
323	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	2.8	
322	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	2.2	
321	Resolving the age of the Puchezh-Katunki impact structure (Russia) against alteration and inherited 40Ar* □No link with extinctions. *Geochimica Et Cosmochimica Acta*, **2021**, 301, 116-140	5.5	1
320	Impact-induced hydrothermal dissolution in pyroxene: Petrographic and geochemical characterization of basalt-dominated polymict impact breccias from the Varge□ Dome, Brazil **2021** ,		1
319	Yilan crater, China: Evidence for an origin by meteorite impact. *Meteoritics and Planetary Science*, **2021**, 56, 1274-1292	2.8	0
318	Dendritic reidite from the Chesapeake Bay impact horizon, Ocean Drilling Program Site 1073 (offshore northeastern USA): A fingerprint of distal ejecta?. *Geology*, **2021**, 49, 201-205	5	3
317	Globally distributed iridium layer preserved within the Chicxulub impact structure. *Science Advances* , **2021**, 7,	14.3	17
316	Martian subsurface cryosalt expansion and collapse as trigger for landslides. *Science Advances*, **2021**, 7,	14.3	9
315	Chicxulub impact structure, IODP-ICDP Expedition 364 drill core: Geochemistry of the granite basement. *Meteoritics and Planetary Science*, **2021**, 56, 1243-1273	2.8	3
314	Alexander William Robert Bevan, July 25, 1951□ebruary 11, 2021. *Meteoritics and Planetary Science* , **2021**, 56, 1944	2.8	
313	William A. Cassidy (1928□2020). *Meteoritics and Planetary Science*, **2020**, 55, 1709-1712	2.8	
312	Partial amorphization of experimentally shocked plagioclase: A spectroscopic study. *Meteoritics and Planetary Science*, **2020**, 55, 669-678	2.8	5
311	Petrogenetic aspects and role of liquid immiscibility from parts of eastern Deccan volcanic province, India. *Geological Journal*, **2020**, 55, 5619-5638	1.7	1
310	Analyses of radionuclides in the Oued Awlitis 001 and Galb Inal lunar meteorites by HPGe gamma-ray spectrometry. *Journal of Radioanalytical and Nuclear Chemistry*, **2020**, 324, 349-357	1.5	2
309	The history of the Tissint meteorite, from its crystallization on Mars to its exposure in space: New geochemical, isotopic, and cosmogenic nuclide data. *Meteoritics and Planetary Science*, **2020**, 55, 294-311	2.8	4
308	Bruce F. Bohor (1932□2019). *Meteoritics and Planetary Science*, **2020**, 55, 988-990	2.8	

307	Characterization of shocked quartz grains from Chicxulub peak ring granites and shock pressure estimates. *Meteoritics and Planetary Science*, **2020**, 55, 2206-2223	2.8	9
306	Neoarchaean crustal reworking in the Aravalli Craton: Petrogenesis and tectonometamorphic history of the Malola granite, Bhilwara area, northwestern India. *Geological Journal*, **2020**, 55, 8186-8210	1.7	4
305	Preferred orientation distribution of shock-induced planar microstructures in quartz and feldspar. *Meteoritics and Planetary Science*, **2020**, 55, 1082-1092	2.8	7
304	The Zhamanshin impact structure, Kazakhstan: A comparative geochemical study of target rocks and impact glasses. *Geochimica Et Cosmochimica Acta*, **2020**, 268, 209-229	5.5	3
303	Overestimation of threat from 100 Mt□lass airbursts? High-pressure evidence from zircon in Libyan Desert Glass. *Geology*, **2019**, 47, 609-612	5	12
302	Meteoritic highly siderophile element and Re-Os isotope signatures of Archean spherule layers from the CT3 drill core, Barberton Greenstone Belt, South Africa. *Meteoritics and Planetary Science*, **2019**, 54, 2203-2216	2.8	1
301	Remnants of paleoflora in impact melt rocks of the El'gygytgyn crater (Chukotka, Russia). *Meteoritics and Planetary Science*, **2019**, 54, 2532-2540	2.8	2
300	Identification of a meteoritic component using chromium isotopic composition of impact rocks from the Lonar impact structure, India. *Meteoritics and Planetary Science*, **2019**, 54, 2592-2599	2.8	5
299	Petrography and geochemistry of the impact to postimpact transition layer at the El'gygytgyn impact structure in Chukotka, Arctic Russia. *Meteoritics and Planetary Science*, **2019**, 54, 2510-2531	2.8	1
298	Geochemistry of a confirmed Precambrian impact ejecta deposit: The Gr□ses□spherule layer, South Greenland. *Meteoritics and Planetary Science*, **2019**, 54, 2254-2272	2.8	2
297	Libyan Desert Glass area in western Egypt: Shocked quartz in bedrock points to a possible deeply eroded impact structure in the region. *Meteoritics and Planetary Science*, **2019**, 54, 2398-2408	2.8	6
296	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. *Meteoritics and Planetary Science*, **2019**, 54, 2600-2630	2.8	1
295	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. *Meteoritics and Planetary Science*, **2019**, 54, 1563-1578	2.8	3
294	Asteroid impact effects on Snowball Earth. *Meteoritics and Planetary Science*, **2019**, 54, 2273-2285	2.8	9
293	(U-Th)/He zircon dating of Chesapeake Bay distal impact ejecta from ODP site 1073. *Meteoritics and Planetary Science*, **2019**, 54, 1840-1852	2.8	4
292	Volatile loss under a diffusion-limited regime in tektites: Evidence from tin stable isotopes. *Chemical Geology*, **2019**, 528, 119279	4.2	10
291	When Earth got pummeled. *Science*, **2019**, 363, 224-225	33.3	1
290	Incipient devitrification of impact melt particles at Bosumtwi crater, Ghana: Implications for suevite cooling history and melt dispersion. *Meteoritics and Planetary Science*, **2019**, 54, 2557-2572	2.8	0

289	The Cretaceous-Paleogene transition at Galanderud (northern Alborz, Iran): A multidisciplinary approach. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2018**, 493, 82-101	2.9	7
288	Clinopyroxene composition of volcanics from the Manipur Ophiolite, Northeastern India: implications to geodynamic setting. *International Journal of Earth Sciences*, **2018**, 107, 1215-1229	2.2	7
287	A Dutch contribution to early interpretations of Meteor Crater, Arizona, USA Marten Edsge Mulder's ignored 1911 paper. *Proceedings of the Geologists Association*, **2018**, 129, 542-560	1.1	3
286	Petrographic and Micro-XRF analysis of multiple archean impact-derived spherule layers in drill core CT3 from the northern Barberton Greenstone Belt (South Africa). *Journal of African Earth Sciences*, **2018**, 138, 264-288	2.2	6
285	New clues from Earth's most elusive impact crater: Evidence of reidite in Australasian tektites from Thailand. *Geology*, **2018**, 46, 203-206	5	32
284	Geochemical evidence of an extraterrestrial component in impact melt breccia from the Paleoproterozoic Dhala impact structure, India. *Meteoritics and Planetary Science*, **2017**, 52, 722-736	2.8	12
283	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. *Gondwana Research*, **2017**, 48, 237-256	5.1	13
282	Accretionary lapilli from the Sudbury impact event. *Meteoritics and Planetary Science*, **2017**, 52, 1257-1276	2.8	2
281	New constraints on the Paleoarchean 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. *Geochimica Et Cosmochimica Acta*, **2017**, 211, 322-340	5.5	11
280	On the occurrence and origin of anthropogenic radionuclides found in a fragment of the Chelyabinsk (LL5) meteorite. *Meteoritics and Planetary Science*, **2017**, 52, 1244-1250	2.8	
279	Chromium isotope evidence in ejecta deposits for the nature of Paleoproterozoic impactors. *Earth and Planetary Science Letters*, **2017**, 460, 105-111	5.3	17
278	Comment on Geophysical evidence for a large impact structure on the Falkland (Malvinas) Plateau *Terra Nova*, **2017**, 29, 409-410	3	4
277	Early Archean spherule layers from the Barberton Greenstone Belt, South Africa: Mineralogy and geochemistry of the spherule beds in the CT3 drill core. *Meteoritics and Planetary Science*, **2017**, 52, 2586-2631	2.8	6
276	Geochemistry and Geochronology of Phonolitic and Trachytic Source Rocks of the Axum Obelisks and Other Stone Artifacts, Axum, Ethiopia. *Geoheritage*, **2017**, 9, 479-494	2.6	5
275	Mineral Resources in Mobile Phones: A Case Study of Boston and Vienna Teachers and Students. *Journal of Geoscience Education*, **2017**, 65, 113-125	1.8	1
274	Stratigraphic record of the asteroidal Veritas breakup in the Tortonian Monte dei Corvi section (Ancona, Italy). *Bulletin of the Geological Society of America*, **2017**, 129, 1357-1376	3.9	4
273	Microbial activity records in Marinoan Snowball Earth postglacial transition layers connecting diamictite with cap carbonate (Otavi Group, NW-Namibia). *Austrian Journal of Earth Sciences*, **2017**, 110,	0.9	2
272	Strontium and neodymium isotope systematics of target rocks and impactites from the El'gygytgyn impact structure: Linking impactites and target rocks. *Meteoritics and Planetary Science*, **2016**, 51, 2347-2365	2.8	2

271	WIP: A Web-based program for indexing planar features in quartz grains and its usage. *Meteoritics and Planetary Science*, **2016**, 51, 647-662	2.8	7
270	The Quaternary volcanic rocks of the northern Afar Depression (northern Ethiopia): Perspectives on petrology, geochemistry, and tectonics. *Journal of African Earth Sciences*, **2016**, 117, 29-47	2.2	12
269	Coeval ages of Australasian, Central American and Western Canadian tektites reveal multiple impacts 790 ka ago. *Geochimica Et Cosmochimica Acta*, **2016**, 178, 307-319	5.5	27
268	The Agoudal (High Atlas Mountains, Morocco) shatter cone conundrum: A recent meteorite fall onto the remnant of an impact site. *Meteoritics and Planetary Science*, **2016**, 51, 1497-1518	2.8	7
267	Target rocks, impact glasses, and melt rocks from the Lonar crater, India: Highly siderophile element systematics and Sr-Nd-Os isotopic signatures. *Meteoritics and Planetary Science*, **2016**, 51, 1323-1339	2.8	10
266	Nondestructive spectroscopic and petrochemical investigations of Paleoarchean spherule layers from the ICDP drill core BARB5, Barberton Mountain Land, South Africa. *Meteoritics and Planetary Science*, **2016**, 51, 2441-2458	2.8	13
265	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. *Quaternary Science Reviews*, **2016**, 147, 221-244	3.9	17
264	Potential Cretaceous-Paleogene boundary tsunami deposit in the intra-Tethyan Adriatic carbonate platform section of Hvar (Croatia). *Bulletin of the Geological Society of America*, **2015**, 127, 1666-1680	3.9	14
263	Pseudotachylitic breccia from the Dhala impact structure, north-central India: Texture, mineralogy and geochemical characterization. *Tectonophysics*, **2015**, 649, 18-32	3.1	13
262	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). *Procedia Engineering*, **2015**, 103, 310-317		9
261	Melting and cataclastic features in shatter cones in basalt from the Vista Alegre impact structure, Brazil. *Meteoritics and Planetary Science*, **2015**, 50, 1228-1243	2.8	10
260	Geochemical studies of impact breccias and country rocks from the El'gygytgyn impact structure, Russia. *Meteoritics and Planetary Science*, **2015**, 50, 1071-1088	2.8	3
259	Cathodoluminescence as a tool to discriminate impact melt, shocked and unshocked volcanics: A case study of samples from the El'gygytgyn impact structure. *Meteoritics and Planetary Science*, **2015**, 50, 1954-1969	2.8	8
258	Jack B. Hartung (March 10, 1937August 28, 2015). *Meteoritics and Planetary Science*, **2015**, 50, 2137-2139	2.8	1
257	Discovery of extraterrestrial component carrier phases in Archean spherule layers: Implications for estimation of Archean bolide sizes. *Geology*, **2015**, 43, 299-302	5	14
256	Cosmogenic radionuclides and mineralogical properties of the Chelyabinsk (LL5) meteorite: What do we learn about the meteoroid?. *Meteoritics and Planetary Science*, **2015**, 50, 273-286	2.8	18
255	Impact structures in Africa: A review. *Journal of African Earth Sciences*, **2014**, 93, 57-175	2.2	78
254	Petrology and geochemistry of the ultramafic mafic Mawpyut complex, Meghalaya: a Sylhet trap differentiation centre in northeastern India. *Geological Journal*, **2014**, 49, 111-128	1.7	4

253	Mineralogical analyses of surface sediments in the Antarctic Dry Valleys: coordinated analyses of Raman spectra, reflectance spectra and elemental abundances. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **2014**, 372,	3	14
252	Ernst Julius Öpik's (1916) note on the theory of explosion cratering on the Moon's surface: The complex case of a long-overlooked benchmark paper. *Meteoritics and Planetary Science*, **2014**, 49, 1851-1874	2.8	5
251	Impact controversies: Impact recognition criteria and related issues. *Meteoritics and Planetary Science*, **2014**, 49, 723-731	2.8	36
250	Geochemistry and petrogenesis of lava flows around Linga, Chhindwara area in the Eastern Deccan Volcanic Province (EDVP), India. *Journal of Asian Earth Sciences*, **2014**, 91, 174-193	2.8	11
249	The Geochemistry and Cosmochemistry of Impacts **2014**, 73-118		29
248	Reply to Comment on impact structures in Africa: A review (Short Note) by Acevedo, R.D. et al.. *Journal of African Earth Sciences*, **2014**, 100, 757-758	2.2	3
247	Petrography and geochemistry of ejecta from the Sudbury impact event. *Meteoritics and Planetary Science*, **2014**, 49, 1749-1768	2.8	7
246	10Be content in clasts from fallout suevitic breccia in drill cores from the Bosumtwi impact crater, Ghana: Clues to preimpact target distribution. *Meteoritics and Planetary Science*, **2014**, 49, 394-411	2.8	3
245	Impact spherules from Karelia, Russia: Possible ejecta from the 2.02 Ga Vredefort impact event. *Geology*, **2014**, 42, 375-378	5	10
244	Geochemistry and petrogenesis of Proterozoic mafic rocks from East Khasi Hills, Shillong Plateau, Northeastern India. *Precambrian Research*, **2013**, 230, 119-137	3.9	23
243	Comment on Searching for giant, ancient impact structures on Earth: The Mesoarchaean Maniitsoq structure, West Greenland by Garde et al. [Earth Planet. Sci. Lett. 337–338 (2012) 197–210]. *Earth and Planetary Science Letters*, **2013**, 369-370, 333-335	5.3	12
242	Petrography, geochemistry, and Hf-Nd isotope evolution of drill core samples and target rocks from the El'gygytgyn impact crater, NE Chukotka, Arctic Russia. *Meteoritics and Planetary Science*, **2013**, 48, 1160-1198	2.8	19
241	Petrology, major and trace element geochemistry, geochronology, and isotopic composition of granitic intrusions from the vicinity of the Bosumtwi impact crater, Ghana. *Lithos*, **2013**, 177, 297-313	2.9	11
240	Petrography of impact glasses and melt breccias from the El'gygytgyn impact structure, Russia. *Meteoritics and Planetary Science*, **2013**, 48, 1236-1250	2.8	20
239	Chromium isotope anomaly in an impactite sample from the El'gygytgyn structure, Russia: Evidence for a ureilite projectile?. *Meteoritics and Planetary Science*, **2013**, 48, 1339-1350	2.8	15
238	Amorphous Materials: Properties, structure, and durability. North American microtektites are more oxidized than tektites. *American Mineralogist*, **2013**, 98, 1930-1937	2.9	9
237	Lithostratigraphy of the impactite and bedrock section of ICDP drill core D1c from the El'gygytgyn impact crater, Russia. *Meteoritics and Planetary Science*, **2013**, 48, 1143-1159	2.8	22
236	Clast size distribution and quantitative petrography of shocked and unshocked rocks from the El'gygytgyn impact structure. *Meteoritics and Planetary Science*, **2013**, 48, 1325-1338	2.8	14

235	A statistical dynamical study of meteorite impactors: A case study based on parameters derived from the Bosumtwi impact event. *Astronomische Nachrichten*, **2013**, 334, 936-939	0.7	1
234	Can alteration experiments on impact melts from El'gygytgyn and volcanic glasses shed new light on the formation of the Martian surface?. *Meteoritics and Planetary Science*, **2013**, 48, 1287-1295	2.8	8
233	El'gygytgyn impact crater, Chukotka, Arctic Russia: Impact cratering aspects of the 2009 ICDP drilling project. *Meteoritics and Planetary Science*, **2013**, 48, 1108-1129	2.8	27
232	Geochemical studies of the SUBO 18 (Enkingen) drill core and other impact breccias from the Ries crater, Germany. *Meteoritics and Planetary Science*, **2013**, 48, n/a-n/a	2.8	3
231	Geology and impact features of Vargeão Dome, southern Brazil. *Meteoritics and Planetary Science*, **2012**, 47, 51-71	2.8	29
230	Geochemistry of Impactites. *Elements*, **2012**, 8, 37-42	3.8	52
229	Occurrence and Origin of Scapolite in the Neoproterozoic Lufilian–Zambezi Belt, Zambia: Evidence/Role of Brine-Rich Fluid Infiltration During Regional Metamorphism **2011**, 449-473		3
228	40Ar/39Ar age of the Lonar crater and consequence for the geochronology of planetary impacts. *Geology*, **2011**, 39, 671-674	5	50
227	Shock metamorphism investigations of quartz grains in clasts from impact breccia of the Eyreville B drill core, Chesapeake Bay impact structure, USA. *Meteoritics and Planetary Science*, **2011**, 46, 621-637	2.8	2
226	Planar deformation features in quartz from impact-produced polymict breccia of the Xiuyan crater, China. *Meteoritics and Planetary Science*, **2011**, 46, 729-736	2.8	13
225	Jared R. Morrow (October 8, 1959–October 7, 2010). *Meteoritics and Planetary Science*, **2011**, 46, 919-922	2.8	
224	ANIE: A mathematical algorithm for automated indexing of planar deformation features in quartz grains. *Meteoritics and Planetary Science*, **2011**, 46, 1418-1424	2.8	20
223	Melt in the impact breccias from the Eyreville drill cores, Chesapeake Bay impact structure, USA. *Meteoritics and Planetary Science*, **2011**, 46, 396-430	2.8	2
222	The Younger Dryas impact hypothesis: A requiem. *Earth-Science Reviews*, **2011**, 106, 247-264	10.2	83
221	The Weathering-Modified Iridium Record of a New Cretaceous–Palaeogene Site at Lechówka Near Chełm, SE Poland, and Its Palaeobiologic Implications. *Acta Palaeontologica Polonica*, **2011**, 56, 205-215		21
220	Geology, Petrology, and Geochemistry of the Basaltic Rocks of the Axum Area, Northern Ethiopia **2011**, 69-93		1
219	Gero Kurat (1938–2009). *Meteoritics and Planetary Science*, **2010**, 45, 333-335	2.8	
218	Ballen quartz and cristobalite in impactites: New investigations **2010**,		16

217	The Chicxulub asteroid impact and mass extinction at the Cretaceous-Paleogene boundary. *Science*, **2010**, 327, 1214-8	33.3	844
216	Isotopic fractionation of Cu in tektites. *Geochimica Et Cosmochimica Acta*, **2010**, 74, 799-807	5.5	55
215	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. *Chemical Geology*, **2010**, 275, 254-261	4.2	7
214	The first description and confirmation of the Vista Alegre impact structure in the Paran□ flood basalts of southern Brazil. *Meteoritics and Planetary Science*, **2010**, 45, 181-194	2.8	27
213	Petrography, mineralogy, and geochemistry of deep gravelly sands in the Eyreville B core, Chesapeake Bay impact structure. *Meteoritics and Planetary Science*, **2010**, 45, 1021-1052	2.8	1
212	Brownish inclusions and dark streaks in Libyan Desert Glass: Evidence for high-temperature melting of the target rock. *Meteoritics and Planetary Science*, **2010**, 45, 973-989	2.8	16
211	Geochemistry of basement rocks and impact breccias from the central uplift of the Bosumtwi crater, Ghana--Comparison of proximal and distal impactites **2010**,		6
210	Melt particle characteristics of the within- and out-of-crater suevites from the Bosumtwi impact structure, Ghana: Implications for crater formation **2010**,		7
209	The convincing identification of terrestrial meteorite impact structures: What works, what doesn't, and why. *Earth-Science Reviews*, **2010**, 98, 123-170	10.2	338
208	Brownish inclusions and dark streaks in Libyan Desert Glass: Evidence for high-temperature melting of the target rock **2010**, 45, 973		1
207	Using instrumental neutron activation analysis for geochemical analyses of terrestrial impact structures: current analytical procedures at the university of vienna geochemistry activation analysis laboratory. *Applied Radiation and Isotopes*, **2009**, 67, 2100-3	1.7	37
206	Isotopic fractionation of zinc in tektites. *Earth and Planetary Science Letters*, **2009**, 277, 482-489	5.3	70
205	A tungsten isotope approach to search for meteoritic components in terrestrial impact rocks. *Earth and Planetary Science Letters*, **2009**, 286, 35-40	5.3	13
204	Geochemistry of 2.632.49 Ga impact spherule layers and implications for stratigraphic correlations and impact processes. *Precambrian Research*, **2009**, 175, 51-76	3.9	46
203	Characterisation of ballen quartz and cristobalite in impact breccias: new observations and constraints on ballen formation. *European Journal of Mineralogy*, **2009**, 21, 203-217	2.2	51
202	Systematic study of universal-stage measurements of planar deformation features in shocked quartz: Implications for statistical significance and representation of results. *Meteoritics and Planetary Science*, **2009**, 44, 925-940	2.8	81
201	Geochemistry of the impact breccia section (1397□1551 m depth) of the Eyreville drill core, Chesapeake Bay impact structure, USA **2009**,		4
200	Geochemistry of impactites and crystalline basement-derived lithologies from the ICDP-USGS Eyreville A and B drill cores, Chesapeake Bay impact structure, Virginia, USA **2009**,		5

199	Late Eocene impact craters and impactoclastic layers: An overview **2009**,		8
198	Evidence for a change in Milankovitch forcing caused by extraterrestrial events at Massignano, Italy, Eocene-Oligocene boundary GSSP **2009**,		18
197	Deep drilling in the Chesapeake Bay impact structure: An overview **2009**,		7
196	Evidence that Lake Cheko is not an impact crater. *Terra Nova*, **2008**, 20, 165-168	3	21
195	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	5.3	23
194	Archaeabacterial lipids in drill core samples from the Bosumtwi impact structure, Ghana. *Meteoritics and Planetary Science*, **2008**, 43, 1777-1782	2.8	2
193	The Dhala structure, Bundelkhand craton, Central India: Eroded remnant of a large Paleoproterozoic impact structure. *Meteoritics and Planetary Science*, **2008**, 43, 1383-1398	2.8	34
192	New impact-melt rock from the Roter Kamm impact structure, Namibia: Further constraints on impact age, melt rock chemistry, and projectile composition. *Meteoritics and Planetary Science*, **2008**, 43, 1201-1218	2.8	11
191	Deep drilling into the Chesapeake Bay impact structure. *Science*, **2008**, 320, 1740-5	33.3	48
190	Shock metamorphism of Bosumtwi impact crater rocks, shock attenuation, and uplift formation. *Science*, **2008**, 322, 1678-81	33.3	41
189	The Permian-Triassic boundary sections in northern Vietnam (Nhi Tao and Lung Cam sections): Carbon-isotope excursion and elemental variations indicate major anoxic event. *Palaeoworld*, **2007**, 16, 51-66	1.8	20
188	Geochemical and mineralogical investigation of the Permian–Triassic boundary in the continental realm of the southern Karoo Basin, South Africa. *Palaeoworld*, **2007**, 16, 67-104	1.8	64
187	The Geochemistry and Cosmochemistry of Impacts **2007**, 1-52		12
186	Chemical variation in Lonar impact glasses and impactites. *Gff*, **2007**, 129, 161-176	0.9	15
185	Continental Drilling and the Study of Impact Craters and Processes – an ICDP Perspective **2007**, 95-161		5
184	Carbon isotopic compositions of organic matter across continental Cretaceous–Tertiary (K–T) boundary sections: Implications for paleoenvironment after the K–T impact event. *Earth and Planetary Science Letters*, **2007**, 253, 226-238	5.3	31
183	Chromium isotopic studies of terrestrial impact craters: Identification of meteoritic components at Bosumtwi, Clearwater East, Lappajärvi, and Rochechouart. *Earth and Planetary Science Letters*, **2007**, 256, 534-546	5.3	46
182	Beryllium-10 concentrations of tektites from the Ivory Coast and from Central Europe: Evidence for near-surface residence of precursor materials. *Geochimica Et Cosmochimica Acta*, **2007**, 71, 1574-1582	5.5	17

181	El'gygytgyn impact crater, Russia: Structure, tectonics, and morphology. *Meteoritics and Planetary Science*, **2007**, 42, 307-319	2.8	46
180	An international and multidisciplinary drilling project into a young complex impact structure: The 2004 ICDP Bosumtwi Crater Drilling Project—An overview. *Meteoritics and Planetary Science*, **2007**, 42, 483-511	2.8	71
179	Petrography, geochemistry, and alteration of country rocks from the Bosumtwi impact structure, Ghana. *Meteoritics and Planetary Science*, **2007**, 42, 513-540	2.8	13
178	The Lake Bosumtwi impact structure in Ghana: A brief environmental assessment and discussion of ecotourism potential. *Meteoritics and Planetary Science*, **2007**, 42, 561-567	2.8	10
177	Lithostratigraphic and petrographic analysis of ICDP drill core LB-07A, Bosumtwi impact structure, Ghana. *Meteoritics and Planetary Science*, **2007**, 42, 569-589	2.8	13
176	Drill core LB-08A, Bosumtwi impact structure, Ghana: Petrographic and shock metamorphic studies of material from the central uplift. *Meteoritics and Planetary Science*, **2007**, 42, 611-633	2.8	16
175	Geochemistry of impactites and basement lithologies from ICDP borehole LB-07A, Bosumtwi impact structure, Ghana. *Meteoritics and Planetary Science*, **2007**, 42, 667-688	2.8	12
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