

W Uwe Reimold

List of Publications by Year in descending order

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150
papers

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126708

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153
docs citations

153
times ranked

3195
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.	6.0	1,140
2	Impact Origin of the Chesapeake Bay Structure and the Source of the North American Tektites. <i>Science</i> , 1996, 271, 1263-1266.	6.0	139
3	Ries crater and suevite revisited—Observations and modeling Part I: Observations. <i>Meteoritics and Planetary Science</i> , 2013, 48, 515-589.	0.7	139
4	Original size of the Vredefort Structure: Implications for the geological evolution of the Witwatersrand Basin. <i>Meteoritics and Planetary Science</i> , 1997, 32, 71-77.	0.7	127
5	A TEM investigation of shock metamorphism in quartz from the Vredefort dome, South Africa. <i>Tectonophysics</i> , 1994, 230, 223-239.	0.9	117
6	Dating Terrestrial Impact Structures. <i>Elements</i> , 2012, 8, 49-53.	0.5	112
7	Impact structures in Africa: A review. <i>Journal of African Earth Sciences</i> , 2014, 93, 57-175.	0.9	110
8	Experimental constraints on shock-induced microstructures in naturally deformed silicates. <i>Tectonophysics</i> , 1996, 256, 165-217.	0.9	107
9	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.	2.0	90
10	Laser probe argon-40/argon-39 dating of coesite- and stishovite-bearing pseudotachylytes and the age of the Vredefort impact event. <i>Meteoritics</i> , 1995, 30, 335-343.	1.5	88
11	Thermal-metamorphic signature of an impact event in the Vredefort dome, South Africa. <i>Geology</i> , 1998, 26, 787.	2.0	84
12	Ries crater and suevite revisited—Observations and modeling Part II: Modeling. <i>Meteoritics and Planetary Science</i> , 2013, 48, 590-627.	0.7	80
13	Observations and interpretations at Vredefort, Sudbury, and Chicxulub: Towards an empirical model of terrestrial impact basin formation. <i>Meteoritics and Planetary Science</i> , 2008, 43, 855-882.	0.7	76
14	Discerning primary versus diagenetic signals in carbonate carbon and oxygen isotope records: An example from the Permian-Triassic boundary of Iran. <i>Chemical Geology</i> , 2016, 422, 94-107.	1.4	65
15	A high-precision $^{40}\text{Ar}/^{39}\text{Ar}$ age for the Nördlinger Ries impact crater, Germany, and implications for the accurate dating of terrestrial impact events. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 220, 146-157.	1.6	64
16	The melt rocks of the Vredefort impact structure—Vredefort Granophyre and pseudotachylitic breccias: Implications for impact cratering and the evolution of the Witwatersrand Basin. <i>Chemie Der Erde</i> , 2006, 66, 1-35.	0.8	61
17	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.	1.2	54
18	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.	1.6	53

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19	Shock Metamorphism of Bosumtwi Impact Crater Rocks, Shock Attenuation, and Uplift Formation. <i>Science</i> , 2008, 322, 1678-1681.	6.0	49
20	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.	0.7	45
21	Early Archaean spherule beds in the Barberton Mountain Land, South Africa: no evidence for impact origin. <i>Precambrian Research</i> , 1995, 74, 1-33.	1.2	44
22	Impact controversies: Impact recognition criteria and related issues. <i>Meteoritics and Planetary Science</i> , 2014, 49, 723-731.	0.7	44
23	The current state of knowledge about shatter cones: Introduction to the special issue. <i>Meteoritics and Planetary Science</i> , 2016, 51, 1389-1434.	0.7	44
24	Geochemistry and mineralogy of Early Archean spherule beds, Barberton Mountain Land, South Africa: evidence for origin by impact doubtful. <i>Earth and Planetary Science Letters</i> , 1993, 119, 441-452.	1.8	43
25	Vredefort shatter cones revisited. <i>Journal of Geophysical Research</i> , 1999, 104, 4911-4930.	3.3	43
26	New observations on shatter cones in the Vredefort impact structure, South Africa, and evaluation of current hypotheses for shatter cone formation. <i>Meteoritics and Planetary Science</i> , 2006, 41, 1737-1759.	0.7	39
27	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.	0.7	39
28	Petrogenesis of the Dullstroom Formation, Bushveld Magmatic Province, South Africa. <i>Contributions To Mineralogy and Petrology</i> , 1999, 137, 133-146.	1.2	37
29	Pseudotachylites of the Vredefort Dome and the surrounding Witwatersrand Basin, South Africa. <i>Special Paper of the Geological Society of America</i> , 1992, , 177-196.	0.5	36
30	Geochemical evidence for an impact origin for a Late Archean spherule layer, Transvaal Supergroup, South Africa. <i>Geology</i> , 2000, 28, 1103.	2.0	36
31	Elemental mapping using proton-induced x-rays. <i>X-Ray Spectrometry</i> , 2001, 30, 156-163.	0.9	36
32	The first MEMIN shock recovery experiments at low shock pressure (5–12.5 GPa) with dry, porous sandstone. <i>Meteoritics and Planetary Science</i> , 2013, 48, 99-114.	0.7	35
33	Planar deformation features and impact glass in inclusions from the Vredefort Granophyre, South Africa. <i>Meteoritics and Planetary Science</i> , 2002, 37, 807-822.	0.7	34
34	Shock pressure distribution in the Vredefort impact structure, South Africa. , 2005, , .		33
35	An extended field of crater-shaped structures in the Gilf Kebir region, Egypt: Observations and hypotheses about their origin. <i>Journal of African Earth Sciences</i> , 2006, 46, 281-299.	0.9	32
36	The Impact Crater Bandwagon (Some problems with the terrestrial impact cratering record). <i>Meteoritics and Planetary Science</i> , 2007, 42, 1467-1472.	0.7	32

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37	IMPACT! - BOLIDES, CRATERS, AND CATASTROPHES. Elements, 2012, 8, 19-24.	0.5	32
38	Petrography and geochemistry of impactites and volcanic bedrock in the <sc>ICDP</sc> drill core D1c from Lake El'gygytgyn, <sc>NE</sc> Russia. Meteoritics and Planetary Science, 2013, 48, 1251-1286.	0.7	32
39	The HMX mixing calculation program. Mathematical Geosciences, 1989, 21, 853-860.	0.9	31
40	El'gygytgyn impact crater, Chukotka, Arctic Russia: Impact cratering aspects of the 2009 ICDP drilling project. Meteoritics and Planetary Science, 2013, 48, 1108-1129.	0.7	31
41	Structural evolution of the 40 km wide Araguinha impact structure, central Brazil. Meteoritics and Planetary Science, 2008, 43, 701-716.	0.7	30
42	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
43	Saltpan impact crater, South Africa: Geochemistry of target rocks, breccias, and impact glasses, and osmium isotope systematics. Geochimica Et Cosmochimica Acta, 1994, 58, 2893-2910.	1.6	29
44	The first large meteorite impact structure discovered in the Middle East: Jebel Waqf as Suwwan, Jordan. Meteoritics and Planetary Science, 2008, 43, 1681-1690.	0.7	29
45	Shock metamorphism of siliceous volcanic rocks of the El'gygytgyn impact crater (Chukotka, Russia). , 2005, , .		28
46	The Aouelloul crater, Mauritania: On the problem of confirming the impact origin of a small crater. Meteoritics and Planetary Science, 1998, 33, 513-517.	0.7	27
47	The significance of the Vredefort Dome for the thermal and structural evolution of the Witwatersrand Basin, South Africa. Mineralogy and Petrology, 1999, 66, 5-23.	0.4	26
48	Pseudotachylitic breccias from fault zones in the Witwatersrand Basin, South Africa: evidence of autometasomatism and post-brecciation alteration processes. Mineralogy and Petrology, 1999, 66, 25-53.	0.4	26
49	Woodleigh impact structure, Australia: Shock petrography and geochemical studies. Meteoritics and Planetary Science, 2003, 38, 1109-1130.	0.7	26
50	Chesapeake Bay impact structure drilled. Eos, 2006, 87, 349.	0.1	26
51	Lithostratigraphy of the impactite and bedrock section of <sc>ICDP</sc> drill core D1c from the El'gygytgyn impact crater, Russia. Meteoritics and Planetary Science, 2013, 48, 1143-1159.	0.7	25
52	U-Pb and Lu-Hf zircon geochronology of the Cañadón Asfalto Basin, Chubut, Argentina: Implications for the magmatic evolution in central Patagonia. Journal of South American Earth Sciences, 2017, 78, 190-212.	0.6	25
53	Experimental impact cratering: A summary of the major results of the <sc>MEMIN</sc> research unit. Meteoritics and Planetary Science, 2018, 53, 1543-1568.	0.7	25
54	Silicate liquid immiscibility in impact melts. Meteoritics and Planetary Science, 2018, 53, 1594-1632.	0.7	25

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55	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. <i>Meteoritics</i> , 1993, 28, 204-212.	1.5	24
56	Aorounga and Gwini Fada impact structures, Chad: Remote sensing, petrography, and geochemistry of target rocks. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1455-1471.	0.7	24
57	Petrography and geochemistry of target rocks and impactites from the Ilyinets Crater, Ukraine. <i>Meteoritics and Planetary Science</i> , 1998, 33, 1317-1333.	0.7	23
58	Early archean spherule beds in the Barberton mountain land, South Africa: Impact or terrestrial origin?. , 2000, , 117-180.		23
59	Impact cratering â€” fundamental process in geoscience and planetary science. <i>Journal of Earth System Science</i> , 2007, 116, 81-98.	0.6	23
60	Evidence that Lake Cheko is not an impact crater. <i>Terra Nova</i> , 2008, 20, 165-168.	0.9	23
61	The impact pseudotachylitic breccia controversy: Insights from first isotope analysis of Vredefort impact-generated melt rocks. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 214, 266-281.	1.6	22
62	The Colnia structure, So Paulo, Brazil. <i>Meteoritics and Planetary Science</i> , 2011, 46, 1630-1639.	0.7	21
63	Petrography of the impact breccias of the Enkingen (SUBO 18) drill core, southern Ries crater, Germany: New estimate of impact melt volume. <i>Bulletin of the Geological Society of America</i> , 2012, 124, 104-132.	1.6	21
64	Linking shock textures revealed by BSE, CL, and EBSD with U/Pb data (LA- ICP/MS and SIMS) from zircon from the Araguinha impact structure, Brazil. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2286-2311.	0.7	21
65	Geochemical and petrographic characteristics of impactites and Cretaceous target rocks from the Yaxcopoil borehole, Chicxulub impact structure, Mexico: Implications for target composition. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1513-1536.	0.7	20
66	Drill core LB08A, Bosumtwi impact structure, Ghana: Petrographic and shock metamorphic studies of material from the central uplift. <i>Meteoritics and Planetary Science</i> , 2007, 42, 611-633.	0.7	20
67	Formation of pseudotachylitic breccias in the central uplifts of very large impact structures: Scaling the melt formation. <i>Meteoritics and Planetary Science</i> , 2011, 46, 543-555.	0.7	20
68	Red Wing Creek structure, North Dakota: Petrographical and geochemical studies, and confirmation of impact origin. <i>Meteoritics and Planetary Science</i> , 1996, 31, 335-342.	0.7	19
69	Bosumtwi impact structure, Ghana: Geochemistry of impactites and target rocks, and search for a meteoritic component. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1493-1511.	0.7	19
70	BP and Oasis Impact Structures, Libya: Remote Sensing and Field Studies. , 2005, , 161-190.		19
71	Bosumtwi Impact Crater, Ghana: A Remote Sensing Investigation. <i>Impact Studies</i> , 2002, , 189-210.	0.2	19
72	Morokweng impact structure, South Africa: Geologic, petrographic, and isotopic results, and implications for the size of the structure. , 1999, , .		18

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73	Archean spherule layers in the Barberton greenstone belt, South Africa: A discussion of problems related to the impact interpretation. , 2006, , .		18
74	First SHRIMP U-Pb and $^{40}\text{Ar}/^{39}\text{Ar}$ chronological results from impact melt breccia from the Paleoproterozoic Dhala impact structure, India. , 2010, , .		18
75	Insights into the morphology of the Serra da Cangalha impact structure from geophysical modeling. Meteoritics and Planetary Science, 2012, 47, 1659-1670.	0.7	18
76	Zircon U-Pb ages and Hf isotopes for the Diablillos Intrusive Complex, Southern Puna, Argentina: Crustal evolution of the Lower Paleozoic Orogen, Southwestern Gondwana margin. Journal of South American Earth Sciences, 2017, 80, 316-339.	0.6	18
77	Petrography, geochemistry, and alteration of country rocks from the Bosumtwi impact structure, Ghana. Meteoritics and Planetary Science, 2007, 42, 513-540.	0.7	17
78	Ries crater, Germany: The Enkingen magnetic anomaly and associated drill core SUBO 18. , 2010, , .		17
79	Ballen quartz and cristobalite in impactites: New investigations. , 2010, , .		17
80	Shock deformation confirms the impact origin for the Cerro do Jarau, Rio Grande do Sul, Brazil, structure. Meteoritics and Planetary Science, 2019, 54, 2384-2397.	0.7	16
81	Lithostratigraphic and petrographic analysis of ICDP drill core LB07A, Bosumtwi impact structure, Ghana. Meteoritics and Planetary Science, 2007, 42, 569-589.	0.7	15
82	Shatter cones and planar deformation features confirm Santa Marta in PiauÍ-State, Brazil, as an impact structure. Meteoritics and Planetary Science, 2014, 49, 1915-1928.	0.7	15
83	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.	0.7	15
84	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.	1.6	15
85	Petrography, geochemistry, and argon ⁴⁰ /argon ³⁹ ages of impact melt rocks and breccias from the Ames impact structure, Oklahoma: The Nicor Chestnut 1804 drill core. Meteoritics and Planetary Science, 2001, 36, 651-669.	0.7	14
86	SHRIMP zircon age constraints on Mesoarchean crustal development in the Vredefort dome, central Kaapvaal Craton, South Africa. , 2006, , .		14
87	Search for a meteoritic component in drill cores from the Bosumtwi impact structure, Ghana: Platinum group element contents and osmium isotopic characteristics. Meteoritics and Planetary Science, 2007, 42, 743-753.	0.7	14
88	The Serra da Cangalha impact structure, Brazil: Geological, stratigraphic and petrographic aspects of a recently confirmed impact structure. Journal of South American Earth Sciences, 2013, 45, 316-330.	0.6	14
89	Geochemistry of impactites and basement lithologies from ICDP borehole LB07A, Bosumtwi impact structure, Ghana. Meteoritics and Planetary Science, 2007, 42, 667-688.	0.7	13
90	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.	0.7	13

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91	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.	0.7	13
92	Interaction of aluminum projectiles with quartz sand in impact experiments: Formation of khatyrkite (CuAl ₂) and reduction of SiO ₂ to Si. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 192, 295-317.	1.6	13
93	Response to comment on "A high-precision ⁴⁰ Ar/ ³⁹ Ar age for the Nördlinger Ries impact crater, Germany, and implications for the accurate dating of terrestrial impact events" by Schmieder et al. (<i>Geochimica et Cosmochimica Acta</i> 220 (2018) 146-157). <i>Geochimica Et Cosmochimica Acta</i> , 2018, 238, 602-605.	1.6	13
94	Why deep drilling in the Colnia Basin (Brazil)? <i>Scientific Drilling</i> , 0, 20, 33-39.	1.0	13
95	The age of the Saltpan impact crater, South Africa. <i>Meteoritics</i> , 1994, 29, 374-379.	1.5	12
96	Impact-generated pseudotachylitic breccia in drill core BH-5 Httberg, Siljan impact structure, Sweden. <i>Gff</i> , 2015, 137, 141-162.	0.4	10
97	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
98	Tenoumer impact crater, Mauritania: Impact melt genesis from a lithologically diverse target. <i>Meteoritics and Planetary Science</i> , 2016, 51, 323-350.	0.7	10
99	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.	0.7	10
100	Microchemical investigation of small-scale pseudotachylitic breccias from the Archean gneiss of the Vredefort Dome, South Africa. , 2010, , .		9
101	Shatter cones at the Keurusselk impact structure and their relation to local jointing. <i>Meteoritics and Planetary Science</i> , 2016, 51, 1534-1552.	0.7	9
102	Documentation of shock features in impactites from the Dhala impact structure, India. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2312-2333.	0.7	9
103	THE IMPACT-FLOOD CONNECTION: DOES IT EXIST?. <i>Terra Nova</i> , 1994, 6, 644-650.	0.9	8
104	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.	0.9	8
105	Drill core LB08A, Bosumtwi impact structure, Ghana: Geochemistry of fallback breccia and basement samples from the central uplift. <i>Meteoritics and Planetary Science</i> , 2007, 42, 689-708.	0.7	7
106	Petrographic and shock metamorphic studies of the impact breccia section (13971551 m depth) of the Eyreville drill core, Chesapeake Bay impact structure, USA. , 2009, , .		7
107	The Erbisberg drilling 2011: Implications for the structure and postimpact evolution of the inner ring of the Ries impact crater. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2448-2482.	0.7	7
108	Bosumtwi impact structure, Ghana: Evidence for fluidized emplacement of the ejecta. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2541-2556.	0.7	7

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109	Archean spherule beds: Impact or terrestrial origin? Reply to the comment by A. Glikson. <i>Earth and Planetary Science Letters</i> , 1994, 126, 497-499.	1.8	6
110	Comment on "Planar lamellar substructures in quartz" by J.B. Lyons, C.B. Officer, P.E. Borella and R. Lahodinsky. <i>Earth and Planetary Science Letters</i> , 1994, 125, 473-477.	1.8	6
111	Geophysical signature of the Pretoria Saltpan impact structure and a possible satellite crater. <i>Meteoritics</i> , 1994, 29, 379-384.	1.5	6
112	Breccias resembling melt bombs from the Roter Kamm Crater. <i>Meteoritics and Planetary Science</i> , 1996, 31, 413-415.	0.7	6
113	The 2011 expedition to the El'gygytgyn impact structure, Northeast Russia: Toward a new geological map for the crater area. <i>Meteoritics and Planetary Science</i> , 2014, 49, 978-1006.	0.7	6
114	Microcomputed tomography and shock microdeformation studies on shatter cones. <i>Meteoritics and Planetary Science</i> , 2016, 51, 1435-1459.	0.7	6
115	Localized shock-induced melting of sandstone at low shock pressures (17.5 GPa): An experimental study. <i>Meteoritics and Planetary Science</i> , 2018, 53, 1633-1643.	0.7	6
116	Geophysical investigation of the Col�nia structure, Brazil. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2357-2372.	0.7	6
117	U-Pb and Hf isotopes in granitoids from the Eastern Bolivian basement: Insights into the Paleoproterozoic evolution of the western part of South America. <i>Journal of South American Earth Sciences</i> , 2020, 104, 102806.	0.6	6
118	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.	0.7	5
119	Comment on: "Direct evidence of ancient shock metamorphism at the site of the 1908 Tunguska event", by P. Vannucchi et al. [<i>Earth Planet. Sci. Lett.</i> 409 (2015) 168-174]. <i>Earth and Planetary Science Letters</i> , 2015, 419, 222-223.	1.8	5
120	Prospecting for possible impact structures in Morocco. <i>Journal of African Earth Sciences</i> , 2015, 112, 339-352.	0.9	5
121	Morphometric analysis and classification of the three-dimensional geometry of shatter cones. <i>Meteoritics and Planetary Science</i> , 2016, 51, 1460-1476.	0.7	5
122	Comment on "Geophysical evidence for a large impact structure on the Falkland (Malvinas) Plateau, Terra Nova", 2017, 29, 409-410.	0.9	5
123	Transmission electron microscopy of impact-generated platinum group element alloys from Barberton spherule layers: New clues to their formation. <i>Meteoritics and Planetary Science</i> , 2018, 53, 1516-1536.	0.7	5
124	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.	0.7	5
125	Insights about the formation of a complex impact structure formed in basalt from numerical modeling: The Vista Alegre structure, southern Brazil. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2373-2383.	0.7	5
126	Evidence for shock-induced anhydrite recrystallization and decomposition at the UNAM7 drill core from the Chicxulub impact structure. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2334-2356.	0.7	5

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127	Geological investigation of the central portion of the Santa Marta impact structure, Piauí-State, Brazil. <i>Brazilian Journal of Geology</i> , 2017, 47, 673-692.	0.3	4
128	Characteristic landforms and geomorphic features associated with impact structures: Observations at the Dhala structure, north-central India. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 1482-1503.	1.2	4
129	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
130	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.	0.7	3
131	Does the metavolcanic-sedimentary Rio do Coco Group, Araguaia Belt, Brazil, represent a continuity of the Quatipuru ophiolitic complex? â€œ Constraints from U-Pb and Sm-Nd isotope data. <i>Journal of South American Earth Sciences</i> , 2019, 94, 102233.	0.6	3
132	Petrographic characterization of Archaean impact spherule layers from Fairview Gold Mine, northern Barberton Greenstone Belt, South Africa. <i>Journal of African Earth Sciences</i> , 2020, 162, 103718.	0.9	3
133	The TanDEM-X Digital Elevation Model and Terrestrial Impact Structures. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 4128-4138.	2.3	3
134	Impact Craters and Meteorites: The Egyptian Record. <i>Regional Geology Reviews</i> , 2020, , 415-444.	1.2	3
135	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. <i>Meteoritics and Planetary Science</i> , 2022, 57, 702-729.	0.7	3
136	Post-Impact Hydrothermal Activity in Meteorite Impact Craters and Potential Opportunities for Life. <i>Symposium - International Astronomical Union</i> , 2004, 213, 299-304.	0.1	2
137	The Impact Record of Southwest Gondwana. <i>Regional Geology Reviews</i> , 2018, , 677-688.	1.2	2
138	Comment on â€œAnatomy of impactites and shocked zircon grains from Dhala reveals Paleoproterozoic meteorite impact in the Archaean basement rocks of Central Indiaâ€•by Li et al., 2018, <i>Gondwana Research</i> , 54, 81â€œ101. <i>Gondwana Research</i> , 2018, 60, 214-217.	3.0	2
139	Anisotropy of magnetic susceptibility (AMS) of impact melt breccia and target rocks from the Dhala impact structure, India. , 2021, , 351-371.		2
140	Conference report: Large Meteorite Impacts and Planetary Evolution VI. <i>Meteoritics and Planetary Science</i> , 2020, 55, 245-250.	0.7	1
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142	Cerro do Jarau, RS, Brazil, is a bona fide impact structure â€œ Not a cryptoexplosion structure as alleged. [Comment on â€œResurfaced paleodunes from the Botucatu erg amid Cretaceous ParanÃ¡ volcanicsâ€•by , <i>Geomorphology</i> (2021), doi:10.1016/j.geomorph.2021.107893]. <i>Geomorphology</i> , 2021, 401, 108004.	1.1	1
143	Nova Colinas, MaranhÃ£o State: A newly confirmed, complex impact structure in Brazil. <i>Meteoritics and Planetary Science</i> , 0, , .	0.7	1
144	Impact Cratering and Its Planetary and Environmental Effects: Large Meteorite Impacts and Planetary Evolution IV; Vredefort Dome, South Africa, 17â€œ21 August 2008. <i>Eos</i> , 2009, 90, 4.	0.1	0

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145	Reply to "Comments on "The impact pseudotachylitic breccia controversy: Insights from first isotope analysis of Vredefort impact-generated melt rocks" by Reimold et al. 2017 (GCA 214, 266-282)" by A.A. Garde and M.B. Klausen (GCA 233, 187-190). <i>Geochimica Et Cosmochimica Acta</i> , 2018, 240, 331-332.	1.6	0
146	Scientific Comment on Klokoň et al. "Support for two subglacial impact craters in northwest Greenland from Earth gravity model EIGEN 6C4 and other data", <i>Tectonophysics</i> 780 (2020), 228396. <i>Tectonophysics</i> , 2021, 800, 228578.	0.9	0
147	Terrestrial and extraterrestrial chemical components of early Archean impact spherule layers from Fairview Gold Mine, northern Barberton greenstone belt, South Africa. , 2021, , .		0
148	Dedication of Large Meteorite Impacts and Planetary Evolution VI to Álvaro Penteado CrÃ³sta. , 2021, , vii-xi.		0
149	Hydrothermal alteration at the basalt-hosted Vista Alegre impact structure, Brazil. <i>Meteoritics and Planetary Science</i> , 2021, 56, 2155-2174.	0.7	0
150	The Cerro Uyarani Metamorphic Complex on the Bolivian Altiplano: New constraints on the tectonic evolution of the Central Andean basement between ~1.8 and 1.0 Ga. <i>Journal of South American Earth Sciences</i> , 2022, , 103843.	0.6	0