

Rainer Wieler

List of Publications by Year in descending order

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211
papers

9,251
citations

30047

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53190

85
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docs citations

216
times ranked

4425
citing authors

#	ARTICLE	IF	CITATIONS
1	Elemental Abundances of Major Elements in the Solar Wind as Measured in Genesis Targets and Implications on Solar Wind Fractionation. <i>Astrophysical Journal</i> , 2021, 907, 15.	1.6	4
2	Noble gases in cluster chondrite clasts and their host breccias. <i>Meteoritics and Planetary Science</i> , 2021, 56, 642-662.	0.7	1
3	Investigating space-weathering on the moon using APT. <i>Microscopy and Microanalysis</i> , 2021, 27, 2052-2054.	0.2	1
4	Effects of aqueous alteration on primordial noble gases and presolar SiC in the carbonaceous chondrite Tagish Lake. <i>Meteoritics and Planetary Science</i> , 2020, 55, 1257-1280.	0.7	4
5	Atom probe tomography of space-weathered lunar ilmenite grain surfaces. <i>Meteoritics and Planetary Science</i> , 2020, 55, 426-440.	0.7	14
6	Lifetimes of interstellar dust from cosmic ray exposure ages of presolar silicon carbide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1884-1889.	3.3	57
7	Noble gas elemental abundances in three solar wind regimes as recorded by the Genesis mission. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 263, 182-194.	1.6	4
8	An extraterrestrial trigger for the mid-Ordovician ice age: Dust from the breakup of the L-chondrite parent body. <i>Science Advances</i> , 2019, 5, eaax4184.	4.7	41
9	Cosmic history and a candidate parent asteroid for the quasicrystal-bearing meteorite Khatyrka. <i>Earth and Planetary Science Letters</i> , 2018, 490, 122-131.	1.8	41
10	High early solar activity inferred from helium and neon excesses in the oldest meteorite inclusions. <i>Nature Astronomy</i> , 2018, 2, 709-713.	4.2	18
11	Brecciation among 2280 ordinary chondrites – Constraints on the evolution of their parent bodies. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 238, 516-541.	1.6	44
12	Neon isotopes in individual presolar low-density graphite grains from the Orgueil meteorite. <i>Meteoritics and Planetary Science</i> , 2018, 53, 2327-2342.	0.7	1
13	Cosmogenic Nuclides. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 317-325.	0.1	0
14	Closed System Step Etching of CI chondrite Ivuna reveals primordial noble gases in the HF-solubles. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 205, 65-83.	1.6	9
15	Cosmic-ray exposure ages of six chondritic Almahata Sitta fragments. <i>Meteoritics and Planetary Science</i> , 2017, 52, 2353-2374.	0.7	27
16	Cosmogenic He and Ne in chondrules from clastic matrix and a lithic clast of Murchison: No pre-irradiation by the early sun. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 213, 618-634.	1.6	13
17	Cosmogenic Nuclides. <i>Encyclopedia of Earth Sciences Series</i> , 2017, , 1-10.	0.1	1
18	Noble gases in 18 Martian meteorites and angrite Northwest Africa 7812 – Exposure ages, trapped gases, and a re-evaluation of the evidence for solar cosmic ray-produced neon in shergottites and other achondrites. <i>Meteoritics and Planetary Science</i> , 2016, 51, 407-428.	0.7	36

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19	Do lunar and meteoritic archives record temporal variations in the composition of solar wind noble gases and nitrogen? A reassessment in the light of Genesis data. <i>Chemie Der Erde</i> , 2016, 76, 463-480.	0.8	24
20	Performance of CRONUS-P " A pyroxene reference material for helium isotope analysis. <i>Quaternary Geochronology</i> , 2016, 31, 237-239.	0.6	6
21	The Vicncia meteorite fall: A new unshocked (S1) weakly metamorphosed (3.2) <sc>LL</sc> chondrite. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1089-1111.	0.7	14
22	Similarities and differences between the solar wind light noble gas compositions determined on Apollo 15 <sc>SWC</sc> foils and on <sc>NASA</sc> Genesis targets. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1663-1683.	0.7	2
23	Calibration of cosmogenic noble gas production based on ³⁶Cl³⁶Ar ages. Part 2. The ⁸¹Kr dating technique. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1863-1879.	0.7	7
24	A comprehensive study of noble gases and nitrogen in "Hypatia", a diamond-rich pebble from SW Egypt. <i>Earth and Planetary Science Letters</i> , 2015, 432, 243-253.	1.8	8
25	Depth-dependence of the production rate of in situ 14C in quartz from the Leymon High core, Spain. <i>Quaternary Geochronology</i> , 2015, 28, 80-87.	0.6	23
26	Cosmogenic nuclides in the Koice meteorite: Experimental investigations and Monte Carlo simulations. <i>Meteoritics and Planetary Science</i> , 2015, 50, 880-892.	0.7	22
27	Interlaboratory comparison of cosmogenic 21 Ne in quartz. <i>Quaternary Geochronology</i> , 2015, 26, 20-28.	0.6	44
28	Depth profiling analysis of solar wind helium collected in diamond-like carbon film from <i>Genesis</i>. <i>Geochemical Journal</i> , 2015, 49, 559-566.	0.5	14
29	On the origin and composition of Theia: Constraints from new models of the Giant Impact. <i>Icarus</i> , 2014, 242, 316-328.	1.1	49
30	The Ardn L6 ordinary chondrite: A long hidden Spanish meteorite fall. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1475-1484.	0.7	3
31	He and Ne in individual chromite grains from the regolith breccia Ghubara (L5): Exploring the history of the L chondrite parent body regolith. <i>Meteoritics and Planetary Science</i> , 2014, 49, 576-594.	0.7	11
32	No evidence for a decrease of nuclear decay rates with increasing heliocentric distance based on radiochronology of meteorites. <i>Astroparticle Physics</i> , 2014, 55, 63-75.	1.9	11
33	Cosmic-ray exposure ages of fossil micrometeorites from mid-Ordovician sediments at Lynna River, Russia. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 125, 338-350.	1.6	14
34	Nucleosynthetic W isotope anomalies and the HfW chronometry of CaAl-rich inclusions. <i>Earth and Planetary Science Letters</i> , 2014, 403, 317-327.	1.8	111
35	Noble Gas Mass Spectrometry. , 2014, , 355-373.		6
36	Chronology of Lateglacial ice flow reorganization and deglaciation in the Gotthard Pass area, Central Swiss Alps, based on cosmogenic 10Be and in situ 14C. <i>Quaternary Geochronology</i> , 2014, 19, 14-26.	0.6	50

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37	Drivers of abrupt Holocene shifts in West Antarctic ice stream direction determined from combined ice sheet modelling and geologic signatures. <i>Antarctic Science</i> , 2014, 26, 674-686.	0.5	22
38	Comment on "Cosmogenic neon in grains separated from individual chondrules: Evidence of precompaction exposure in chondrules" by J. P. Das, J. N. Goswami, O. V. Pravdivtseva, A. P. Meshik, and C. M. Hohenberg. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1524-1528.	0.7	5
39	Calibration of cosmogenic noble gas production in ordinary chondrites based on ^{36}Cl - ^{36}Ar ages. Part 1: Refined produced rates for cosmogenic ^{21}Ne and ^{38}Ar . <i>Meteoritics and Planetary Science</i> , 2013, 48, 1841-1862.	0.7	35
40	Neutron capture on Pt isotopes in iron meteorites and the Hf-W chronology of core formation in planetesimals. <i>Earth and Planetary Science Letters</i> , 2013, 361, 162-172.	1.8	99
41	The Galactic Cosmic Ray Intensity over the Past 106-109 Years as Recorded by Cosmogenic Nuclides in Meteorites and Terrestrial Samples. <i>Space Science Reviews</i> , 2013, 176, 351-363.	3.7	38
42	An update on in situ cosmogenic ^{14}C analysis at ETH Zürich. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 294, 81-86.	0.6	31
43	Fall, classification, and exposure history of the Mifflin L5 chondrite. <i>Meteoritics and Planetary Science</i> , 2013, 48, 641-655.	0.7	5
44	The abundance and isotopic composition of Cd in iron meteorites. <i>Meteoritics and Planetary Science</i> , 2013, 48, 2597-2607.	0.7	11
45	A combined vacuum crushing and sieving (CVCS) system designed to determine noble gas paleotemperatures from stalagmite samples. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 2432-2444.	1.0	10
46	Stalagmite water content as a proxy for drip water supply in tropical and subtropical areas. <i>Climate of the Past</i> , 2013, 9, 1-12.	1.3	16
47	ISOTOPIC MASS FRACTIONATION OF SOLAR WIND: EVIDENCE FROM FAST AND SLOW SOLAR WIND COLLECTED BY THE GENESIS MISSION. <i>Astrophysical Journal</i> , 2012, 759, 121.	1.6	75
48	A global rain of micrometeorites following breakup of the "chondrite parent body" Evidence from solar wind-implanted Ne in fossil extraterrestrial chromite grains from China. <i>Meteoritics and Planetary Science</i> , 2012, 47, 1297-1304.	0.7	14
49	Cosmic-ray exposure age and preatmospheric size of the Bunburra Rockhole achondrite. <i>Meteoritics and Planetary Science</i> , 2012, 47, 186-196.	0.7	11
50	Multiple cosmogenic nuclides document the stability of the East Antarctic Ice Sheet in northern Victoria Land since the Late Miocene (5-7 Ma). <i>Quaternary Science Reviews</i> , 2012, 57, 85-94.	1.4	18
51	Graphite grains in supernova ejecta " Insights from a noble gas study of 91 individual KFC1 presolar graphite grains from the Murchison meteorite. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 76, 147-160.	1.6	14
52	A hit-and-run giant impact scenario. <i>Icarus</i> , 2012, 221, 296-299.	1.1	168
53	Origin of isotopic heterogeneity in the solar nebula by thermal processing and mixing of nebular dust. <i>Earth and Planetary Science Letters</i> , 2012, 357-358, 298-307.	1.8	70
54	Hf-W chronometry of core formation in planetesimals inferred from weakly irradiated iron meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 99, 287-304.	1.6	75

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55	Quantifying denudation rates and sediment storage on the eastern Altiplano, Bolivia, using cosmogenic ^{10}Be , ^{26}Al , and in situ ^{14}C . <i>Geomorphology</i> , 2012, 179, 58-70.	1.1	50
56	NUCLEOSYNTHETIC TUNGSTEN ISOTOPE ANOMALIES IN ACID LEACHATES OF THE MURCHISON CHONDRITE: IMPLICATIONS FOR HAFNIUM-TUNGSTEN CHRONOMETRY. <i>Astrophysical Journal Letters</i> , 2012, 753, L6.	3.0	71
57	The 2010 European Venus Explorer (EVE) mission proposal. <i>Experimental Astronomy</i> , 2012, 33, 305-335.	1.6	20
58	A noble gas and cosmogenic radionuclide analysis of two ordinary chondrites from Almahata Sitta. <i>Meteoritics and Planetary Science</i> , 2012, 47, 1075-1086.	0.7	18
59	The evolution of Venus: Present state of knowledge and future exploration. <i>Planetary and Space Science</i> , 2012, 63-64, 15-23.	0.9	47
60	Cosmic ray exposure ages of Rumuruti chondrites from North Africa. <i>Chemie Der Erde</i> , 2011, 71, 135-142.	0.8	6
61	Determination of Holocene cave temperatures from Kr and Xe concentrations in stalagmite fluid inclusions. <i>Chemical Geology</i> , 2011, 288, 61-66.	1.4	26
62	Argon, krypton, and xenon in the bulk solar wind as collected by the Genesis mission. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 3057-3071.	1.6	51
63	The cosmogenic ^{21}Ne production rate in quartz evaluated on a large set of existing ^{21}Ne - ^{10}Be data. <i>Earth and Planetary Science Letters</i> , 2011, 302, 163-171.	1.8	29
64	Molybdenum isotope anomalies in meteorites: Constraints on solar nebula evolution and origin of the Earth. <i>Earth and Planetary Science Letters</i> , 2011, 312, 390-400.	1.8	256
65	Isotopic and elemental fractionation of solar wind implanted in the Genesis concentrator target characterized and quantified by noble gases. <i>Meteoritics and Planetary Science</i> , 2011, 46, 493-512.	0.7	13
66	Cosmogenic helium and neon in individual chondrules from Allende and Murchison: Implications for the precompaction exposure history of chondrules. <i>Meteoritics and Planetary Science</i> , 2011, 46, 989-1006.	0.7	24
67	A composite Fe,Ni-FeS and enstatite-forsterite-diopside-glass vitrophyre clast in the Larkman Nunatak 04316 aubrite: Origin by pyroclastic volcanism. <i>Meteoritics and Planetary Science</i> , 2011, 46, 1719-1741.	0.7	17
68	Comment on "Radiation History of Fossil Meteorites from Sweden" by V.A. Alexeev (2010), solar system research, 44, 311-319. <i>Solar System Research</i> , 2011, 45, 459-461.	0.3	1
69	Accretion and Early History of Planetesimals and Planets: The Noble Gas Record. <i>Earth, Moon and Planets</i> , 2011, 108, 1-8.	0.3	1
70	The Galactic Cosmic Ray Intensity over the Past 10^6 - 10^9 Years as Recorded by Cosmogenic Nuclides in Meteorites and Terrestrial Samples. <i>Space Sciences Series of ISSI</i> , 2011, , 351-363.	0.0	1
71	Nitrogen isotopes in the recent solar wind from the analysis of Genesis targets: Evidence for large scale isotope heterogeneity in the early solar system. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 340-355.	1.6	94
72	Noble gases in individual L chondritic micrometeorites preserved in an Ordovician limestone. <i>Earth and Planetary Science Letters</i> , 2010, 290, 54-63.	1.8	33

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73	Accurate analysis of noble gas concentrations in small water samples and its application to fluid inclusions in stalagmites. <i>Chemical Geology</i> , 2010, 272, 31-39.	1.4	41
74	Cosmogenic nuclides in Almahata Sitta ureilites: Cosmic ray exposure age, preatmospheric mass, and bulk density of asteroid 2008 TC ₃ . <i>Meteoritics and Planetary Science</i> , 2010, 45, 1728-1742.	0.7	38
75	INTERSTELLAR RESIDENCE TIMES OF PRESOLAR SiC DUST GRAINS FROM THE MURCHISON CARBONACEOUS METEORITE. <i>Astrophysical Journal</i> , 2009, 698, 1155-1164.	1.6	32
76	Multiple cosmogenic nuclides document complex Pleistocene exposure history of glacial drifts in Terra Nova Bay (northern Victoria Land, Antarctica). <i>Quaternary Research</i> , 2009, 71, 83-92.	1.0	42
77	Complex multiple cosmogenic nuclide concentration and histories in the arid Rio Lluta catchment, northern Chile. <i>Earth Surface Processes and Landforms</i> , 2009, 34, 398-412.	1.2	50
78	Tungsten isotopes in ferroan anorthosites: Implications for the age of the Moon and lifetime of its magma ocean. <i>Icarus</i> , 2009, 199, 245-249.	1.1	70
79	Triple Helium comet nucleus sample return mission. <i>Experimental Astronomy</i> , 2009, 23, 809-847.	1.6	14
80	Cosmogenic ³ He and ²¹ Ne measured in quartz targets after one year of exposure in the Swiss Alps. <i>Earth and Planetary Science Letters</i> , 2009, 284, 417-425.	1.8	23
81	Noble gas composition of the solar wind as collected by the Genesis mission. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 7414-7432.	1.6	172
82	Late Glacial ice advances in southeast Tibet. <i>Journal of Asian Earth Sciences</i> , 2009, 34, 458-465.	1.0	48
83	The current performance of the in situ ¹⁴ C extraction line at ETH. <i>Quaternary Geochronology</i> , 2009, 4, 493-500.	0.6	34
84	Surface exposure ages imply multiple low-amplitude Pleistocene variations in East Antarctic Ice Sheet, Ricker Hills, Victoria Land. <i>Antarctic Science</i> , 2009, 21, 59-69.	0.5	28
85	He and Ne Ages of Large Presolar Silicon Carbide Grains: Solving the Recoil Problem. <i>Publications of the Astronomical Society of Australia</i> , 2009, 26, 297-302.	1.3	11
86	Ne ISOTOPES IN INDIVIDUAL PRESOLAR GRAPHITE GRAINS FROM THE MURCHISON METEORITE TOGETHER WITH He, C, O, Mg-Al ISOTOPIC ANALYSES AS TRACERS OF THEIR ORIGINS. <i>Astrophysical Journal</i> , 2009, 701, 1415-1425.	1.6	25
87	Production of noble gas isotopes by proton-induced reactions on bismuth. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2008, 266, 1030-1042.	0.6	6
88	Noble gases in fossil micrometeorites and meteorites from 470 Myr old sediments from southern Sweden, and new evidence for the L-chondrite parent body breakup event. <i>Meteoritics and Planetary Science</i> , 2008, 43, 517-528.	0.7	61
89	Cosmogenic beryllium-10 and neon-21 dating of late Pleistocene glaciations in Nyalam, monsoonal Himalayas. <i>Quaternary Science Reviews</i> , 2008, 27, 295-311.	1.4	93
90	Solar wind helium, neon, and argon isotopic and elemental composition: Data from the metallic glass flown on NASA's Genesis mission. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 626-645.	1.6	42

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91	Dating late Cenozoic erosional surfaces in Victoria Land, Antarctica, with cosmogenic neon in pyroxenes. <i>Antarctic Science</i> , 2008, 20, 89-98.	0.5	28
92	Paleotemperature reconstruction using noble gas concentrations in speleothem fluid inclusions. <i>PAGES News</i> , 2008, 13, 10-12.	0.3	6
93	Presolar He and Ne Isotopes in Single Circumstellar SiC Grains. <i>Astrophysical Journal</i> , 2007, 656, 1208-1222.	1.6	47
94	The production rate of cosmogenic ³⁸ Ar from calcium in terrestrial pyroxene. <i>Earth and Planetary Science Letters</i> , 2007, 257, 596-608.	1.8	26
95	Consequences of the non-existence of the "SEP" component for noble gas geo- and cosmochemistry. <i>Chemical Geology</i> , 2007, 244, 382-390.	1.4	27
96	Denudation rates and a topography-driven rainfall threshold in northern Chile: Multiple cosmogenic nuclide data and sediment yield budgets. <i>Geomorphology</i> , 2007, 83, 97-120.	1.1	151
97	³ He, ^{20,21,22} Ne, ¹⁴ C, ¹⁰ Be, ²⁶ Al, and ³⁶ Cl in magnetic fractions of cosmic dust from Greenland and Antarctica. <i>Meteoritics and Planetary Science</i> , 2007, 42, 1831-1840.	0.7	5
98	Late formation and prolonged differentiation of the Moon inferred from W isotopes in lunar metals. <i>Nature</i> , 2007, 450, 1206-1209.	13.7	414
99	Composition of Light Solar Wind Noble Gases in the Bulk Metallic Glass flown on the Genesis Mission. <i>Space Science Reviews</i> , 2007, 130, 293-300.	3.7	13
100	The Genesis Solar Wind Concentrator Target: Mass Fractionation Characterised by Neon Isotopes. <i>Space Science Reviews</i> , 2007, 130, 309-316.	3.7	11
101	Elemental Abundances of the Bulk Solar Wind: Analyses from Genesis and ACE. <i>Space Science Reviews</i> , 2007, 130, 79-86.	3.7	50
102	Solar and Solar-Wind Composition Results from the Genesis Mission. <i>Space Science Reviews</i> , 2007, 130, 161-171.	3.7	10
103	Solar and Solar-Wind Composition Results from the Genesis Mission. <i>Space Sciences Series of ISSI</i> , 2007, , 161-171.	0.0	1
104	Production of noble gas isotopes by proton-induced reactions on Mg, Al, Si, Fe, Ni, Pb, and Bi. , 2007, , .		1
105	Elemental Abundances of the Bulk Solar Wind: Analyses from Genesis and ACE. <i>Space Sciences Series of ISSI</i> , 2007, , 79-86.	0.0	0
106	Composition of Light Solar Wind Noble Gases in the Bulk Metallic Glass flown on the Genesis Mission. <i>Space Sciences Series of ISSI</i> , 2007, , 293-300.	0.0	0
107	Terrestrial ages, pairing, and concentration mechanism of Antarctic chondrites from Frontier Mountain, Northern Victoria Land. <i>Meteoritics and Planetary Science</i> , 2006, 41, 1081-1094.	0.7	33
108	Noble gases in the Martian meteorite Northwest Africa 2737: A new chassignite signature. <i>Meteoritics and Planetary Science</i> , 2006, 41, 739-748.	0.7	12

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109	Correlated helium-3 and tungsten isotopes in iron meteorites: Quantitative cosmogenic corrections and planetesimal formation times. <i>Earth and Planetary Science Letters</i> , 2006, 250, 104-115.	1.8	72
110	Interstellar Helium Trapped with the COLLISA Experiment on the MiRSpace Station – Improved Isotope Analysis by In Vacuo Etching. <i>Astrophysical Journal</i> , 2006, 639, 246-258.	1.6	11
111	Production of noble gas isotopes by proton-induced reactions on lead and bismuth. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 562, 760-763.	0.7	6
112	Solar Wind Neon from Genesis: Implications for the Lunar Noble Gas Record. <i>Science</i> , 2006, 314, 1133-1135.	6.0	126
113	Trapping and Modification Processes of Noble Gases and Nitrogen in Meteorites and Their Parent Bodies. , 2006, , 499-522.		19
114	³ He and ⁴ He in the local interstellar gas as observed with the COLLISA foil experiment on the Mir space station. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 77-80.	0.0	0
115	Production of noble gas isotopes by proton-induced reactions on lead. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005, 229, 1-23.	0.6	20
116	In situ cosmogenic ¹⁰ Be and ²¹ Ne in sanidine and in situ cosmogenic ³ He in Fe–Ti-oxide minerals. <i>Earth and Planetary Science Letters</i> , 2005, 236, 404-418.	1.8	55
117	Fast delivery of meteorites to Earth after a major asteroid collision. <i>Nature</i> , 2004, 430, 323-325.	13.7	101
118	Noble gases in chondrules and associated metal–sulfide–rich samples: Clues on chondrule formation and the behavior of noble gas carrier phases. <i>Meteoritics and Planetary Science</i> , 2004, 39, 117-135.	0.7	20
119	Simulation of the interaction of galactic cosmic ray protons with meteoroids: On the production of ³ H and light noble gas isotopes in isotropically irradiated thick gabbro and iron targets. <i>Meteoritics and Planetary Science</i> , 2004, 39, 367-386.	0.7	30
120	Noble gas studies in CAIs from CV3 chondrites: No evidence for primordial noble gases. <i>Meteoritics and Planetary Science</i> , 2004, 39, 767-778.	0.7	15
121	The Genesis Solar-Wind Collector Materials. <i>Space Science Reviews</i> , 2003, 105, 535-560.	3.7	57
122	Isotopic Signatures of Volatiles in Terrestrial Planets - Working Group Report. <i>Space Science Reviews</i> , 2003, 106, 377-410.	3.7	25
123	Noble Gas Isotopes on the Moon. <i>Space Science Reviews</i> , 2003, 106, 197-210.	3.7	26
124	Title is missing!. <i>Space Science Reviews</i> , 2003, 106, 175-196.	3.7	35
125	Microdistribution of primordial Ne and Ar in fine-grained rims, matrices, and dark inclusions of unequilibrated chondrites – Clues on nebular processes. <i>Meteoritics and Planetary Science</i> , 2003, 38, 1399-1418.	0.7	19
126	Noble gases and cosmogenic radionuclides in the Gold Basin L4 chondrite shower: Thermal history, exposure history, and pre-atmospheric size. <i>Meteoritics and Planetary Science</i> , 2003, 38, 157-173.	0.7	45

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127	The influence of cosmic-ray production on extinct nuclide systems. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 529-541.	1.6	79
128	Production rates of cosmogenic nuclides in boulders. <i>Earth and Planetary Science Letters</i> , 2003, 216, 201-208.	1.8	76
129	Helium in Lunar Samples Analyzed by High-Resolution Stepwise Etching: Implications for the Temporal Constancy of Solar Wind Isotopic Composition. <i>Astrophysical Journal</i> , 2003, 597, 602-614.	1.6	26
130	The Predictable Collateral Consequences of Nucleosynthesis by Spallation Reactions in the Early Solar System. <i>Astrophysical Journal</i> , 2003, 594, 605-616.	1.6	93
131	Limited Pliocene/Pleistocene glaciation in Deep Freeze Range, northern Victoria Land, Antarctica, derived from in situ cosmogenic nuclides. <i>Antarctic Science</i> , 2003, 15, 493-502.	0.5	38
132	Noble Gas Isotopes on the Moon. <i>Space Sciences Series of ISSI</i> , 2003, , 197-210.	0.0	6
133	Isotopic Signatures of Volatiles in Terrestrial Planets. <i>Space Sciences Series of ISSI</i> , 2003, , 377-410.	0.0	0
134	Nitrogen Isotopes on the Moon: Archives of the Solar and Planetary Contributions to the Inner Solar System. <i>Space Sciences Series of ISSI</i> , 2003, , 175-196.	0.0	1
135	Noble Gases in the Solar System. <i>Reviews in Mineralogy and Geochemistry</i> , 2002, 47, 21-70.	2.2	108
136	An Overview of Noble Gas Geochemistry and Cosmochemistry. <i>Reviews in Mineralogy and Geochemistry</i> , 2002, 47, 1-19.	2.2	90
137	Cosmic-Ray-Produced Noble Gases in Meteorites. <i>Reviews in Mineralogy and Geochemistry</i> , 2002, 47, 125-170.	2.2	114
138	The limited influence of glaciations in Tibet on global climate over the past 170,000 yr. <i>Earth and Planetary Science Letters</i> , 2002, 194, 287-297.	1.8	142
139	Cosmogenic tungsten and the origin and earliest differentiation of the Moon. <i>Earth and Planetary Science Letters</i> , 2002, 198, 267-274.	1.8	73
140	Analyses of nitrogen and argon in single lunar grains: towards a quantification of the asteroidal contribution to planetary surfaces. <i>Earth and Planetary Science Letters</i> , 2002, 202, 201-216.	1.8	43
141	Pre-atmospheric depths and thermal histories of Canyon Diablo spheroids. <i>Meteoritics and Planetary Science</i> , 2002, 37, 1015-1025.	0.7	4
142	1. An Overview of Noble Gas Geochemistry and Cosmochemistry. , 2002, , 1-20.		3
143	5. Cosmic-Ray-Produced Noble Gases in Meteorites. , 2002, , 125-170.		41
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