

Paul R Renne

List of Publications by Year in descending order

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223
papers

20,934
citations

9756

73
h-index

10424

139
g-index

227
all docs

227
docs citations

227
times ranked

11193
citing authors

#	ARTICLE	IF	CITATIONS
1	New mammals from the Naskal intertrappean site and the age of India's earliest eutherians. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 591, 110857.	1.0	13
2	Deccan volcanism at K-Pg time. , 2022, , .		0
3	Evidence of a Continuous Continental Permian-Triassic Boundary Section in western Equatorial Pangea, Palo Duro Basin, Northwest Texas, U.S.A.. <i>Frontiers in Earth Science</i> , 2022, 9, .	0.8	2
4	Interpreting and reporting $^{40}\text{Ar}/^{39}\text{Ar}$ geochronologic data. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 461-487.	1.6	102
5	The expansion of the Acheulian to the Southeastern Ethiopian Highlands: Insights from the new early Pleistocene site-complex of Melka Wakena. <i>Quaternary Science Reviews</i> , 2021, 253, 106763.	1.4	21
6	Earliest Palaeocene purgatoriid and the initial radiation of stem primates. <i>Royal Society Open Science</i> , 2021, 8, 210050.	1.1	20
7	Reconciling early Deccan Traps CO_2 outgassing and pre-KPB global climate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	28
8	Integrative geochronology calibrates the Middle and Late Stone Ages of Ethiopia's Afar Rift. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	7
9	No Cretaceous-Paleogene Boundary in Exposed Rajahmundry Traps: A Refined Chronology of the Longest Deccan Lava Flows From $^{40}\text{Ar}/^{39}\text{Ar}$ Dates, Magnetostratigraphy, and Biostratigraphy. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009149.	1.0	20
10	An Exhumation Pulse From the Nascent Franciscan Subduction Zone (California, USA). <i>Tectonics</i> , 2020, 39, e2020TC006305.	1.3	13
11	Constraints on the volume and rate of Deccan Traps flood basalt eruptions using a combination of high-resolution terrestrial mercury records and geochemical box models. <i>Earth and Planetary Science Letters</i> , 2019, 524, 115721.	1.8	33
12	Extending the tephra and palaeoenvironmental record of the Central Mediterranean back to 430 ka: A new core from Fucino Basin, central Italy. <i>Quaternary Science Reviews</i> , 2019, 225, 106003.	1.4	32
13	Boutique neutrons advance $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. <i>Science Advances</i> , 2019, 5, eaaw5526.	4.7	5
14	The Central Atlantic Magmatic Province (CAMP) in Morocco. <i>Journal of Petrology</i> , 2019, 60, 945-996.	1.1	68
15	The eruptive tempo of Deccan volcanism in relation to the Cretaceous-Paleogene boundary. <i>Science</i> , 2019, 363, 866-870.	6.0	254
16	Flood Basalts and Mass Extinctions. <i>Annual Review of Earth and Planetary Sciences</i> , 2019, 47, 275-303.	4.6	100
17	On the reliability of the Matuyama-Brunhes record in the Sulmona Basin—Comment to A reappraisal of the proposed rapid Matuyama-Brunhes geomagnetic reversal in the Sulmona Basin, Italy by Evans and Muxworthy (2018). <i>Geophysical Journal International</i> , 2019, 216, 296-301.	1.0	8
18	Contemporaneous alkaline and tholeiitic magmatism in the Ponta Grossa Arch, Paraná-Etendeka Magmatic Province: Constraints from U-Pb zircon/baddeleyite and $^{40}\text{Ar}/^{39}\text{Ar}$ phlogopite dating of the Jos Fernandes Gabbro and mafic dykes. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 355, 55-65.	0.8	37

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19	Multi-proxy record of the Chicxulub impact at the Cretaceous-Paleogene boundary from Gorgonilla Island, Colombia. <i>Geology</i> , 2018, 46, 547-550.	2.0	31
20	Early mammalian recovery after the end-Cretaceous mass extinction: A high-resolution view from McGuire Creek area, Montana, USA. <i>Bulletin of the Geological Society of America</i> , 2018, , .	1.6	7
21	A tale of two Walker Lane pull-apart basins in the ancestral Cascades arc, central Sierra Nevada, California. , 2018, 14, 2068-2117.		9
22	Calibration of chron C29r: New high-precision geochronologic and paleomagnetic constraints from the Hell Creek region, Montana. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 1615-1644.	1.6	91
23	New measurement of the ²³⁸ U decay constant with inductively coupled plasma mass spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 711-721.	0.7	8
24	The New CLOCIT Irradiation Facility for ⁴⁰ Ar/ ³⁹ Ar Geochronology: Characterisation, Comparison with CLICIT and Implications for High-Precision Geochronology. <i>Geostandards and Geoanalytical Research</i> , 2018, 42, 301-307.	1.7	9
25	Tracking Physicochemical Conditions of Evaporite Deposition by Stable Magnesium Isotopes: A Case Study of Late Permian Langbeinites. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2615-2630.	1.0	6
26	Design, construction, and characterization of a compact DD neutron generator designed for ⁴⁰ Ar/ ³⁹ Ar geochronology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 903, 193-203.	0.7	14
27	Triggering of the largest Deccan eruptions by the Chicxulub impact: Reply. <i>Bulletin of the Geological Society of America</i> , 2017, 129, 256-256.	1.6	2
28	First integrated tephrochronological record for the last ~ 190 kyr from the Fucino Quaternary lacustrine succession, central Italy. <i>Quaternary Science Reviews</i> , 2017, 158, 211-234.	1.4	61
29	Beam-induced back-streaming electron suppression analysis for an accelerator type neutron generator designed for ⁴⁰ Ar/ ³⁹ Ar geochronology. <i>Applied Radiation and Isotopes</i> , 2017, 125, 124-128.	0.7	8
30	Quantifying interference of krypton produced from neutron irradiation of inclusion-hosted and lattice-coordinated bromine with ⁴⁰ Ar/ ³⁹ Ar geochronology. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 211, 1-9.	1.6	3
31	High-precision ⁴⁰ Ar/ ³⁹ Ar dating of pleistocene tuffs and temporal anchoring of the Matuyama-Brunhes boundary. <i>Quaternary Geochronology</i> , 2017, 39, 1-23.	0.6	90
32	Radical interpretations™ preclude the use of climatic wiggle matching for resolution of event timings at the highest levels of attainable precision. <i>Quaternary Geochronology</i> , 2017, 42, 60-62.	0.6	0
33	Intercalibration and age of the Alder Creek sanidine ⁴⁰ Ar/ ³⁹ Ar standard. <i>Quaternary Geochronology</i> , 2017, 39, 205-213.	0.6	115
34	Evidence of An Early Cretaceous Giant Dyke Swarm in Northeast Brazil (South America): A Geodynamic Overview. <i>Acta Geologica Sinica</i> , 2016, 90, 109-110.	0.8	0
35	Importance of titanohematite in detrital remanent magnetizations of strata spanning the Cretaceous-Paleogene boundary, Hell Creek region, Montana. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 660-678.	1.0	15
36	How fast was the Matuyama-Brunhes geomagnetic reversal? A new subcentennial record from the Sulmona Basin, central Italy. <i>Geophysical Journal International</i> , 2016, 204, 798-812.	1.0	44

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37	Early to Middle Miocene climate in the Atacama Desert of Northern Chile. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 441, 890-900.	1.0	18
38	Chemical and Pb isotope composition of phenocrysts from bentonites constrains the chronostratigraphy around the Cretaceous-Paleogene boundary in the Hell Creek region, Montana. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 2743-2761.	1.0	11
39	Temporal-spatial evolution of low-SiO ₂ volcanism in the Pleistocene West Eifel volcanic field (West) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	24
40	Triggering of the largest Deccan eruptions by the Chicxulub impact. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 1507-1520.	1.6	149
41	Duration and dynamics of the best orbital analogue to the present interglacial. <i>Geology</i> , 2015, 43, 603-606.	2.0	66
42	State shift in Deccan volcanism at the Cretaceous-Paleogene boundary, possibly induced by impact. <i>Science</i> , 2015, 350, 76-78.	6.0	300
43	Diversity, Extinction, and Recovery in Terrestrial Ecosystems Across the K/Pg Boundary in North America and India. <i>The Paleontological Society Special Publications</i> , 2014, 13, 130-131.	0.0	0
44	Some footnotes to the optimization-based calibration of the ⁴⁰ Ar/ ³⁹ Ar system. <i>Geological Society Special Publication</i> , 2014, 378, 21-31.	0.8	15
45	Assessing the relationships of the Hell Creek-Fort Union contact, Cretaceous-Paleogene boundary, and Chicxulub impact ejecta horizon at the Hell Creek Formation lectostratotype, Montana, USA. , 2014, , .		6
46	Assimilation of preexisting Pleistocene intrusions at Long Valley by periodic magma recharge accelerates rhyolite generation: rethinking the remelting model. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	1.2	44
47	Multiple migmatite events and cooling from granulite facies metamorphism within the Famatina arc margin of northwest Argentina. <i>Tectonics</i> , 2014, 33, 1-25.	1.3	46
48	Crustal shortening, exhumation, and strain localization in a collisional orogen: The Bajo Pequeño Shear Zone, Sierra de Pie de Palo, Argentina. <i>Tectonics</i> , 2014, 33, 1277-1303.	1.3	11
49	Extremely rapid directional change during Matuyama-Brunhes geomagnetic polarity reversal. <i>Geophysical Journal International</i> , 2014, 199, 1110-1124.	1.0	112
50	The role of tephra studies in African paleoanthropology as exemplified by the Sidi Hakoma Tuff. <i>Journal of African Earth Sciences</i> , 2013, 77, 41-58.	0.9	13
51	Kinetics of argon diffusion in calcite. <i>Chemie Der Erde</i> , 2013, 73, 113-115.	0.8	4
52	Systematic variations of argon diffusion in feldspars and implications for thermochronometry. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 112, 251-287.	1.6	88
53	Time Scales of Critical Events Around the Cretaceous-Paleogene Boundary. <i>Science</i> , 2013, 339, 684-687.	6.0	498
54	The characteristics and chronology of the earliest Acheulean at Konso, Ethiopia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1584-1591.	3.3	316

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55	Evaluation surface-Fault Rupture Risk to a Penstock Using the $^{40}\text{Ar}/^{39}\text{Ar}$ Dating Method. AGU Reference Shelf, 2013, , 509-515.	0.6	0
56	K-Ar and $^{40}\text{Ar}/^{39}\text{Ar}$ Dating. AGU Reference Shelf, 2013, , 77-100.	0.6	18
57	Fossil raindrops and ancient air. Nature, 2012, 484, 322-324.	13.7	1
58	Geochronology of the Manyara Beds, northern Tanzania: New tephrostratigraphy, magnetostratigraphy and $^{40}\text{Ar}/^{39}\text{Ar}$ ages. Quaternary Geochronology, 2012, 7, 48-66.	0.6	14
59	Neon diffusion kinetics in olivine, pyroxene and feldspar: Retentivity of cosmogenic and nucleogenic neon. Geochimica Et Cosmochimica Acta, 2012, 86, 21-36.	1.6	17
60	Retention of inherited Ar by alkali feldspar xenocrysts in a magma: Kinetic constraints from Ba zoning profiles. Geochimica Et Cosmochimica Acta, 2012, 93, 129-142.	1.6	17
61	$^{40}\text{Ar}/^{39}\text{Ar}$ ages for deep (~ 3.3 km) samples from the Hawaii Scientific Drilling Project, Mauna Kea volcano, Hawaii. Geochemistry, Geophysics, Geosystems, 2012, 13, .	1.0	16
62	Trapped Ar isotopes in meteorite ALH 84001 indicate Mars did not have a thick ancient atmosphere. Icarus, 2012, 221, 461-465.	1.1	24
63	A chronological framework for a long and persistent archaeological record: Melka Kunture, Ethiopia. Journal of Human Evolution, 2012, 62, 104-115.	1.3	63
64	A Basal Dinosaur from the Dawn of the Dinosaur Era in Southwestern Pangaea. Science, 2011, 331, 206-210.	6.0	276
65	High-precision U-Pb geochronology of the Butedale pluton, British Columbia This article is one of a series of papers published in this Special Issue on the theme of Geochronology in honour of Tom Krogh.. Canadian Journal of Earth Sciences, 2011, 48, 557-565.	0.6	2
66	Magnetic properties of ilmenite-hematite single crystals from the Ecstall pluton near Prince Rupert, British Columbia. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	1.0	13
67	A lattice Boltzmann model for noble gas diffusion in solids: The importance of domain shape and diffusive anisotropy and implications for thermochronometry. Geochimica Et Cosmochimica Acta, 2011, 75, 2170-2186.	1.6	27
68	Response to the comment by W.H. Schwarz et al. on "Joint determination of ^{40}K decay constants and $^{40}\text{Ar}/^{40}\text{K}$ for the Fish Canyon sanidine standard, and improved accuracy for $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology" by P.R. Renne et al. (2010). Geochimica Et Cosmochimica Acta, 2011, 75, 5097-5100.	1.6	542
69	Argon diffusion in pyroxenes: Implications for thermochronometry and mantle degassing. Earth and Planetary Science Letters, 2011, 304, 407-416.	1.8	61
70	New Middle Eocene Whales from the Pisco Basin of Peru. Journal of Paleontology, 2011, 85, 955-969.	0.5	42
71	IUPAC-IUGS common definition and convention on the use of the year as a derived unit of time (IUPAC) Tj ETQq1 1.0,784314,rgBT/Over 0.9 15	0.9	15
72	Thermal history of the Ecstall pluton from $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology and thermal modeling. Geochimica Et Cosmochimica Acta, 2010, 74, 4375-4391.	1.6	13

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73	Joint determination of 40K decay constants and $40\text{Ar}^*/40\text{K}$ for the Fish Canyon sanidine standard, and improved accuracy for $40\text{Ar}/39\text{Ar}$ geochronology. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 5349-5367.	1.6	717
74	Evidence for shock heating and constraints on Martian surface temperatures revealed by $40\text{Ar}/39\text{Ar}$ thermochronometry of Martian meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6900-6920.	1.6	84
75	Re^{187}Os geochronology of a Mesoproterozoic sedimentary succession, Taoudeni basin, Mauritania: Implications for basin-wide correlations and Re^{187}Os organic-rich sediments systematics. <i>Earth and Planetary Science Letters</i> , 2010, 289, 486-496.	1.8	157
76	Age of the Dakhleh impact event and implications for Middle Stone Age archeology in the Western Desert of Egypt. <i>Earth and Planetary Science Letters</i> , 2010, 291, 201-206.	1.8	15
77	Preliminary dating of the Viluy traps (Eastern Siberia): Eruption at the time of Late Devonian extinction events?. <i>Earth and Planetary Science Letters</i> , 2010, 300, 239-245.	1.8	90
78	The age of the Steens reversal and the Columbia River Basalt Group. <i>Chemical Geology</i> , 2010, 274, 158-168.	1.4	41
79	The Triassic timescale: new constraints and a review of geochronological data. <i>Geological Society Special Publication</i> , 2010, 334, 41-60.	0.8	81
80	Thermal modification of hematite-ilmenite intergrowths in the Ecstall pluton, British Columbia, Canada. <i>American Mineralogist</i> , 2010, 95, 153-160.	0.9	15
81	Cenozoic palaeocanyon evolution, Ancestral Cascades arc volcanism, and structure of the Hope Valley—Carson Pass region, Sierra Nevada, California. <i>International Geology Review</i> , 2009, 51, 777-823.	1.1	18
82	Evidence of multi-phase Cretaceous to Quaternary alkaline magmatism on Tore—Madeira Rise and neighbouring seamounts from $40\text{Ar}/39\text{Ar}$ ages. <i>Journal of the Geological Society</i> , 2009, 166, 879-894.	0.9	45
83	The Geological, Isotopic, Botanical, Invertebrate, and Lower Vertebrate Surroundings of <i>Ardipithecus ramidus</i> . <i>Science</i> , 2009, 326, 65.	6.0	159
84	Large mafic eruptions at Alban Hills Volcanic District (Central Italy): Chronostratigraphy, petrography and eruptive behavior. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 179, 217-232.	0.8	128
85	Accessory mineral $\text{U}^{235}\text{Th}^{230}\text{Pb}$ ages and $40\text{Ar}/39\text{Ar}$ eruption chronology, and their bearing on rhyolitic magma evolution in the Pleistocene Coso volcanic field, California. <i>Contributions To Mineralogy and Petrology</i> , 2009, 158, 421-446.	1.2	24
86	High-precision $40\text{Ar}/39\text{Ar}$ age constraints on the basal Lanqi Formation and its implications for the origin of angiosperm plants. <i>Earth and Planetary Science Letters</i> , 2009, 279, 212-221.	1.8	78
87	Argon diffusion in plagioclase and implications for thermochronometry: A case study from the Bushveld Complex, South Africa. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 6600-6612.	1.6	88
88	High-precision $40\text{Ar}/39\text{Ar}$ age for the Jehol Biota. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 280, 94-104.	1.0	188
89	Archaeological age constraints from extrusion ages of obsidian: Examples from the Middle Awash, Ethiopia. <i>Quaternary Geochronology</i> , 2009, 4, 193-203.	0.6	53
90	The isotopic composition of atmospheric argon and $40\text{Ar}/39\text{Ar}$ geochronology: Time for a change?. <i>Quaternary Geochronology</i> , 2009, 4, 288-298.	0.6	99

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91	Data reporting norms for $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. <i>Quaternary Geochronology</i> , 2009, 4, 346-352.	0.6	97
92	Age constraints on alleged "footprints" preserved in the Xalnene Tuff near Puebla, Mexico. <i>Geology</i> , 2009, 37, 267-270.	2.0	12
93	Quickly erupted volcanic sections of the Steens Basalt, Columbia River Basalt Group: Secular variation, tectonic rotation, and the Steens Mountain reversal. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	41
94	Comment on "Synchrony between the Central Atlantic magmatic province and the Triassic-Jurassic mass-extinction event? By Whiteside et al. (2007)" <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 262, 189-193.	1.0	22
95	Implications of pre-eruptive magmatic histories of zircons for U-Pb geochronology of silicic extrusions. <i>Earth and Planetary Science Letters</i> , 2008, 266, 182-194.	1.8	138
96	^{40}Ar - ^{39}Ar dating of plagioclase grain size separates from silicate inclusions in IAB iron meteorites and implications for the thermochronological evolution of the IAB parent body. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 1231-1255.	1.6	31
97	Cl-derived argon isotope production in the CLICIT facility of OSTR reactor and the effects of the Cl-correction in $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. <i>Chemical Geology</i> , 2008, 255, 463-466.	1.4	37
98	Diachronous dawn of Africa's Middle Stone Age: New $^{40}\text{Ar}/^{39}\text{Ar}$ ages from the Ethiopian Rift. <i>Geology</i> , 2008, 36, 967.	2.0	87
99	Cambrian initiation of the Las Pirquitas thrust of the western Sierras Pampeanas, Argentina: Implications for the tectonic evolution of the proto-Andean margin of South America. <i>Geology</i> , 2007, 35, 443.	2.0	40
100	Radioisotopic age constraints for Glacial Terminations IX and VII from aggradational sections of the Tiber River delta in Rome, Italy. <i>Earth and Planetary Science Letters</i> , 2007, 256, 61-80.	1.8	50
101	U-Pb and $^{40}\text{Ar}/^{39}\text{Ar}$ dating of the Miocene fossil track site at Ipolytarn A^3c (Hungary) and its implications. <i>Earth and Planetary Science Letters</i> , 2007, 258, 160-174.	1.8	37
102	Age calibration of the Fish Canyon sanidine $^{40}\text{Ar}/^{39}\text{Ar}$ dating standard using primary K-Ar standards. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 387-402.	1.6	211
103	Solar and cosmogenic argon in dated lunar impact spherules. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 1624-1635.	1.6	34
104	^{39}Ar and ^{37}Ar recoil loss during neutron irradiation of sanidine and plagioclase. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2791-2808.	1.6	64
105	A numerically calibrated reference level (MP28) for the terrestrial mammal-based biozonation of the European Upper Oligocene. <i>International Journal of Earth Sciences</i> , 2007, 96, 353-361.	0.9	53
106	Geodynamic Setting of the Tertiary Hocheifel Volcanism (Germany), Part I: $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. , 2007, , 185-206.		15
107	The record of Miocene impacts in the Argentine Pampas. <i>Meteoritics and Planetary Science</i> , 2006, 41, 749-771.	0.7	37
108	Renne receives 2005 N.L. Bowen award. <i>Eos</i> , 2006, 87, 140.	0.1	0

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109	Effects of internal mineral structures on the magnetic remanence of silicate-hosted titanomagnetite inclusions: An electron holography study. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	50
110	Quantification of ^{39}Ar recoil ejection from GA1550 biotite during neutron irradiation as a function of grain dimensions. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 1507-1517.	1.6	49
111	Forensic $^{40}\text{Ar}/^{39}\text{Ar}$ dating: a provenance study of Middle Stone Age obsidian artifacts from Ethiopia. <i>Journal of Archaeological Science</i> , 2006, 33, 1749-1765.	1.2	40
112	Preferred orientation and anisotropy of seismic and magnetic properties in gabbro-norites from the Bushveld layered intrusion. <i>Tectonophysics</i> , 2006, 420, 345-356.	0.9	36
113	Asa Issie, Aramis and the origin of <i>Australopithecus</i> . <i>Nature</i> , 2006, 440, 883-889.	13.7	244
114	Eruptive history and petrologic evolution of the Albano multiple maar (Alban Hills, Central Italy). <i>Bulletin of Volcanology</i> , 2006, 68, 567-591.	1.1	101
115	Application of deuterium-deuteron (D^2D) fusion neutrons to $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. <i>Applied Radiation and Isotopes</i> , 2005, 62, 25-32.	0.7	59
116	U/Pb and Pb/Pb zircon ages for arc-related intrusions of the Bolu Massif (W Pontides, NW Turkey): evidence for Late Precambrian (Cadomian) age. <i>Terra Nova</i> , 2005, 17, 215-223.	0.9	103
117	Early Pliocene hominids from Gona, Ethiopia. <i>Nature</i> , 2005, 433, 301-305.	13.7	133
118	Age of Mexican ash with alleged "footprints". <i>Nature</i> , 2005, 438, E7-E8.	13.7	53
119	Volcanic stratigraphy of large-volume silicic pyroclastic eruptions during Oligocene Afro-Arabian flood volcanism in Yemen. <i>Bulletin of Volcanology</i> , 2005, 68, 135-156.	1.1	52
120	Exsolved magnetite inclusions in silicates: Features determining their remanence behavior. <i>Geology</i> , 2005, 33, 513.	2.0	160
121	Evolution of a volcanic rifted margin: Southern Red Sea, Ethiopia. <i>Bulletin of the Geological Society of America</i> , 2005, 117, 846.	1.6	209
122	$^{40}\text{Ar}/^{39}\text{Ar}$ age of a young rejuvenation basalt flow: Implications for the duration of volcanism and the timing of carbonate platform development during the quaternary on Kua'i, Hawaiian Islands. <i>New Zealand Journal of Geology, and Geophysics</i> , 2005, 48, 199-211.	1.0	13
123	Paleomagnetism and $^{40}\text{Ar}/^{39}\text{Ar}$ Geochronology of Yemeni Oligocene volcanics: Implications for timing and duration of Afro-Arabian traps and geometry of the Oligocene paleomagnetic field. <i>Earth and Planetary Science Letters</i> , 2005, 237, 647-672.	1.8	34
124	Reply to "40Ar/39Ar dating of the Rajahmundry Traps, Eastern India and their relationship to the Deccan Traps: Discussion" by A.K. Baksi. <i>Earth and Planetary Science Letters</i> , 2005, 239, 374-382.	1.8	19
125	The $^{40}\text{Ar}/^{39}\text{Ar}$ dating of core recovered by the Hawaii Scientific Drilling Project (phase 2), Hilo, Hawaii. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	1.0	108
126	$^{40}\text{Ar}/^{39}\text{Ar}$ dating of Apollo 12 impact spherules. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	48

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127	Radioisotopic and biostratigraphic age relations in the Coast Range Ophiolite, northern California: Implications for the tectonic evolution of the Western Cordillera. <i>Bulletin of the Geological Society of America</i> , 2005, 117, 633.	1.6	90
128	Multi-Stage Origin of the Coast Range Ophiolite, California: Implications for the Life Cycle of Supra-Subduction Zone Ophiolites. <i>International Geology Review</i> , 2004, 46, 289-315.	1.1	112
129	Is Bedout an Impact Crater? Take 2. <i>Science</i> , 2004, 306, 610-612.	6.0	35
130	Epitaxial relationships of clinopyroxene-hosted magnetite determined using electron backscatter diffraction (EBSD) technique. <i>American Mineralogist</i> , 2004, 89, 462-466.	0.9	59
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