

# 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	Intercalibration of standards, absolute ages and uncertainties in $^{40}\text{Ar}/^{39}\text{Ar}$ dating. <i>Chemical Geology</i> , 1998, 145, 117-152.	1.4	1,545
2	A test for systematic errors in $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology through comparison with U/Pb analysis of a 1.1-Ga rhyolite. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 73-98.	1.6	751
3	Extensive 200-Million-Year-Old Continental Flood Basalts of the Central Atlantic Magmatic Province. <i>Science</i> , 1999, 284, 616-618.	6.0	743
4	Joint determination of $^{40}\text{K}$ 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. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 5349-5367.	1.6	717
5	On the ages of flood basalt events. <i>Comptes Rendus - Geoscience</i> , 2003, 335, 113-140.	0.4	693
6	Response to the comment by W.H. Schwarz et al. on "Joint determination of $^{40}\text{K}$ 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). <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 5097-5100.	1.6	542
7	Age and Timing of the Permian Mass Extinctions: U/Pb Dating of Closed-System Zircons. <i>Science</i> , 2004, 305, 1760-1763.	6.0	519
8	Time Scales of Critical Events Around the Cretaceous-Paleogene Boundary. <i>Science</i> , 2013, 339, 684-687.	6.0	498
9	Environment and Behavior of 2.5-Million-Year-Old Bouri Hominids. <i>Science</i> , 1999, 284, 625-629.	6.0	466
10	Stratigraphic, chronological and behavioural contexts of Pleistocene <i>Homo sapiens</i> from Middle Awash, Ethiopia. <i>Nature</i> , 2003, 423, 747-752.	13.7	374
11	2.6-Million-year-old stone tools and associated bones from OGS-6 and OGS-7, Gona, Afar, Ethiopia. <i>Journal of Human Evolution</i> , 2003, 45, 169-177.	1.3	367
12	Rapid Eruption of the Siberian Traps Flood Basalts at the Permo-Triassic Boundary. <i>Science</i> , 1991, 253, 176-179.	6.0	349
13	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
14	Synchrony of the Central Atlantic magmatic province and the Triassic-Jurassic boundary climatic and biotic crisis. <i>Geology</i> , 2004, 32, 973.	2.0	300
15	State shift in Deccan volcanism at the Cretaceous-Paleogene boundary, possibly induced by impact. <i>Science</i> , 2015, 350, 76-78.	6.0	300
16	Ecological and temporal placement of early Pliocene hominids at Aramis, Ethiopia. <i>Nature</i> , 1994, 371, 330-333.	13.7	296
17	A Basal Dinosaur from the Dawn of the Dinosaur Era in Southwestern Pangaea. <i>Science</i> , 2011, 331, 206-210.	6.0	276
18	The eruptive tempo of Deccan volcanism in relation to the Cretaceous-Paleogene boundary. <i>Science</i> , 2019, 363, 866-870.	6.0	254

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19	Remains of <i>Homo erectus</i> from Bouri, Middle Awash, Ethiopia. <i>Nature</i> , 2002, 416, 317-320.	13.7	252
20	Age of Etendeka flood volcanism and associated intrusions in southwestern Africa. <i>Geology</i> , 1996, 24, 659.	2.0	251
21	Intercalibration of astronomical and radioisotopic time. <i>Geology</i> , 1994, 22, 783.	2.0	247
22	Asa Issie, Aramis and the origin of <i>Australopithecus</i> . <i>Nature</i> , 2006, 440, 883-889.	13.7	244
23	Age of the Ponta Grossa dike swarm (Brazil), and implications to Parana flood volcanism. <i>Earth and Planetary Science Letters</i> , 1996, 144, 199-211.	1.8	221
24	Matching conjugate volcanic rifted margins: <sup>40</sup> Ar/ <sup>39</sup> Ar chrono-stratigraphy of pre- and syn-rift bimodal flood volcanism in Ethiopia and Yemen. <i>Earth and Planetary Science Letters</i> , 2002, 198, 289-306.	1.8	218
25	Age calibration of the Fish Canyon sanidine <sup>40</sup> Ar/ <sup>39</sup> Ar dating standard using primary <sup>40</sup> Ar standards. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 387-402.	1.6	211
26	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
27	Geology and palaeontology of the Late Miocene Middle Awash valley, Afar rift, Ethiopia. <i>Nature</i> , 2001, 412, 175-178.	13.7	208
28	The history of the Monti Sabatini and Alban Hills volcanoes: groundwork for assessing volcanic-tectonic hazards for Rome. <i>Journal of Volcanology and Geothermal Research</i> , 2001, 107, 185-219.	0.8	193
29	Timing of the Permian-Triassic biotic crisis: implications from new zircon U/Pb age data (and their) $T_j = 252.014 \pm 0.031$ Ma. <i>Earth and Planetary Science Letters</i> , 2007, 252, 191-201.	1.8	191
30	High-precision <sup>40</sup> Ar/ <sup>39</sup> Ar age for the Jehol Biota. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 280, 94-104.	1.0	188
31	Lunar Impact History from <sup>40</sup> Ar/ <sup>39</sup> Ar Dating of Glass Spherules. <i>Science</i> , 2000, 287, 1785-1788.	6.0	185
32	Direct dating of weathering phenomena by and K-Ar analysis of supergene K-Mn oxides. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 1635-1665.	1.6	174
33	Exsolved magnetite inclusions in silicates: Features determining their remanence behavior. <i>Geology</i> , 2005, 33, 513.	2.0	160
34	The Geological, Isotopic, Botanical, Invertebrate, and Lower Vertebrate Surroundings of <i>Ardipithecus ramidus</i> . <i>Science</i> , 2009, 326, 65.	6.0	159
35	<sup>187</sup> Os geochronology of a Mesoproterozoic sedimentary succession, Taoudeni basin, Mauritania: Implications for basin-wide correlations and <sup>187</sup> Os organic-rich sediments systematics. <i>Earth and Planetary Science Letters</i> , 2010, 289, 486-496.	1.8	157
36	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

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37	The first skull of <i>Australopithecus boisei</i> . <i>Nature</i> , 1997, 389, 489-492.	13.7	138
38	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
39	Early Pliocene hominids from Gona, Ethiopia. <i>Nature</i> , 2005, 433, 301-305.	13.7	133
40	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
41	Title is missing!. <i>Bulletin of the Geological Society of America</i> , 1998, 110, 0740.	1.6	115
42	Intercalibration and age of the Alder Creek sanidine <sup>40</sup> Ar/ <sup>39</sup> Ar standard. <i>Quaternary Geochronology</i> , 2017, 39, 205-213.	0.6	115
43	Silicic magmas from the continental Cameroon Volcanic Line (Oku, Bambouto and Ngaoundere): <sup>40</sup> Ar- <sup>39</sup> Ar dates, petrology, Sr-Nd-O isotopes and their petrogenetic significance. <i>Contributions To Mineralogy and Petrology</i> , 1999, 135, 133-150.	1.2	114
44	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
45	Extremely rapid directional change during Matuyama-Brunhes geomagnetic polarity reversal. <i>Geophysical Journal International</i> , 2014, 199, 1110-1124.	1.0	112
46	The <sup>40</sup> Ar/ <sup>39</sup> 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
47	Miocene volcanism in the Lhasa block, Tibet: spatial trends and geodynamic implications. <i>Earth and Planetary Science Letters</i> , 2004, 221, 227-243.	1.8	107
48	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
49	Interpreting and reporting <sup>40</sup> Ar/ <sup>39</sup> Ar geochronologic data. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 461-487.	1.6	102
50	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
51	<sup>40</sup> Ar/ <sup>39</sup> Ar dating of 1.0–1.1 Ga magnetizations from the São Francisco and Kalahari cratons: tectonic implications for Pan-African and Brasiliano mobile belts. <i>Earth and Planetary Science Letters</i> , 1990, 101, 349-366.	1.8	100
52	Basaltic volcanism and extension near the intersection of the Sierra Madre volcanic province and the Mexican Volcanic Belt. <i>Bulletin of the Geological Society of America</i> , 1994, 106, 383-394.	1.6	100
53	Flood Basalts and Mass Extinctions. <i>Annual Review of Earth and Planetary Sciences</i> , 2019, 47, 275-303.	4.6	100
54	The isotopic composition of atmospheric argon and <sup>40</sup> Ar/ <sup>39</sup> Ar geochronology: Time for a change?. <i>Quaternary Geochronology</i> , 2009, 4, 288-298.	0.6	99

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55	Data reporting norms for $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. <i>Quaternary Geochronology</i> , 2009, 4, 346-352.	0.6	97
56	$^{40}\text{Ar}/^{39}\text{Ar}$ age of plagioclase from Acapulco meteorite and the problem of systematic errors in cosmochronology. <i>Earth and Planetary Science Letters</i> , 2000, 175, 13-26.	1.8	96
57	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
58	Variations in deformation fields during development of a large-volume magmatic arc, central Sierra Nevada, California. <i>Bulletin of the Geological Society of America</i> , 1995, 107, 148.	1.6	90
59	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
60	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
61	High-precision $^{40}\text{Ar}/^{39}\text{Ar}$ dating of pleistocene tuffs and temporal anchoring of the Matuyama-Brunhes boundary. <i>Quaternary Geochronology</i> , 2017, 39, 1-23.	0.6	90
62	$^{40}\text{Ar}/^{39}\text{Ar}$ dating of the Skaergaard intrusion. <i>Earth and Planetary Science Letters</i> , 1997, 146, 645-658.	1.8	89
63	Chronostratigraphy of the Miocene–Pliocene Sagantole Formation, Middle Awash Valley, Afar rift, Ethiopia. <i>Bulletin of the Geological Society of America</i> , 1999, 111, 869-885.	1.6	89
64	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
65	Systematic variations of argon diffusion in feldspars and implications for thermochronometry. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 112, 251-287.	1.6	88
66	Excess $^{40}\text{Ar}$ in biotite and hornblende from the Noril'sk 1 intrusion, Siberia: implications for the age of the Siberian Traps. <i>Earth and Planetary Science Letters</i> , 1995, 131, 165-176.	1.8	87
67	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
68	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
69	$^{40}\text{Ar}/^{39}\text{Ar}$ dating of Ordovician K-bentonites in Laurentia and Baltoscandia. <i>Earth and Planetary Science Letters</i> , 2001, 185, 121-134.	1.8	83
70	The Triassic timescale: new constraints and a review of geochronological data. <i>Geological Society Special Publication</i> , 2010, 334, 41-60.	0.8	81
71	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
72	analysis of supergene jarosite and alunite: Implications to the paleoweathering history of the western USA and West Africa. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 401-420.	1.6	76

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73	40Ar/39Ar dating of the Rajahmundry Traps, Eastern India and their relationship to the Deccan Traps. <i>Earth and Planetary Science Letters</i> , 2003, 208, 85-99.	1.8	76
74	Pliocene-Quaternary volcanism and faulting at the intersection of the Gulf of California and the Mexican Volcanic Belt. <i>Bulletin of the Geological Society of America</i> , 1995, 107, 612.	1.6	75
75	Effects of progressive mylonitization on Ar retention in biotites from the Santa Rosa mylonite zone, California, and thermochronologic implications. <i>Contributions To Mineralogy and Petrology</i> , 1991, 108, 283-297.	1.2	74
76	Rapid subsidence and stacked Gilbert-type fan deltas, Pliocene Loreto basin, Baja California Sur, Mexico. <i>Sedimentary Geology</i> , 1995, 98, 181-204.	1.0	74
77	Stratigraphy and geochronology of the Comond� Group near Loreto, Baja California sur, Mexico. <i>Sedimentary Geology</i> , 2001, 144, 125-147.	1.0	73
78	40Ar�39Ar and Rb�Sr geochronology of the Uruguayan dike swarm, Rio de la Plata Craton and implications for Proterozoic intraplate activity in western Gondwana. <i>Precambrian Research</i> , 1999, 93, 153-180.	1.2	71
79	Title is missing!. <i>Mathematical Geosciences</i> , 2002, 34, 457-474.	0.9	71
80	Neogene volcanism at the front of the central Mexican volcanic belt: Basaltic andesites to dacites, with contemporaneous shoshonites and high-TiO2 lava. <i>Bulletin of the Geological Society of America</i> , 2001, 113, 1324-1342.	1.6	68
81	The Central Atlantic Magmatic Province (CAMP) in Morocco. <i>Journal of Petrology</i> , 2019, 60, 945-996.	1.1	68
82	Duration and dynamics of the best orbital analogue to the present interglacial. <i>Geology</i> , 2015, 43, 603-606.	2.0	66
83	Spatially correlated anomalous 40Ar/39Ar �age�variations in biotites about a lithologic contact near Simplon Pass, Switzerland: a mechanistic explanation for excess Ar. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 1067-1083.	1.6	64
84	39Ar and 37Ar recoil loss during neutron irradiation of sanidine and plagioclase. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2791-2808.	1.6	64
85	Chronostratigraphy and correlation of the Plio-Pleistocene tephra layers of the Konso Formation, southern Main Ethiopian Rift, Ethiopia. <i>Quaternary Science Reviews</i> , 2000, 19, 1305-1317.	1.4	63
86	A chronological framework for a long and persistent archaeological record: Melka Kunture, Ethiopia. <i>Journal of Human Evolution</i> , 2012, 62, 104-115.	1.3	63
87	The Quaternary impact record from the Pampas, Argentina. <i>Earth and Planetary Science Letters</i> , 2004, 219, 221-238.	1.8	62
88	Argon diffusion in pyroxenes: Implications for thermochronometry and mantle degassing. <i>Earth and Planetary Science Letters</i> , 2011, 304, 407-416.	1.8	61
89	First integrated tephrochronological record for the last �1/4 190 kyr from the Fucino Quaternary lacustrine succession, central Italy. <i>Quaternary Science Reviews</i> , 2017, 158, 211-234.	1.4	61
90	Oriented inclusions of magnetite in clinopyroxene: Source of stable remanent magnetization in gabbros of the Messum Complex, Namibia. <i>Geochemistry, Geophysics, Geosystems</i> , 2002, 3, 1-11.	1.0	60

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91	Epitaxial relationships of clinopyroxene-hosted magnetite determined using electron backscatter diffraction (EBSD) technique. <i>American Mineralogist</i> , 2004, 89, 462-466.	0.9	59
92	Application of deuterium-deuterium ( $D_2$ ) fusion neutrons to $^{40}Ar/^{39}Ar$ geochronology. <i>Applied Radiation and Isotopes</i> , 2005, 62, 25-32.	0.7	59
93	Paleomagnetism of Middle Proterozoic (1.01 to 1.08 Ga) mafic dykes in southeastern Bahia State São Francisco Craton, Brazil. <i>Earth and Planetary Science Letters</i> , 1990, 101, 332-348.	1.8	55
94	Single grain ( $^{232}Th/He$ ) ages from phosphates in Acapulco meteorite and implications for thermal history. <i>Earth and Planetary Science Letters</i> , 2003, 209, 323-336.	1.8	53
95	Age of Mexican ash with alleged "footprints". <i>Nature</i> , 2005, 438, E7-E8.	13.7	53
96	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
97	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
98	New data from Hadar (Ethiopia) support orbitally tuned time scale to 3.3 MA. <i>Geophysical Research Letters</i> , 1993, 20, 1067-1070.	1.5	52
99	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
100	Arc-rift transition volcanism in the Puertecitos Volcanic Province, northeastern Baja California, Mexico. <i>Bulletin of the Geological Society of America</i> , 1995, 107, 407-0424.	1.6	51
101	Determination of the half-life of $^{37}Ar$ by mass spectrometry. <i>Physical Review C</i> , 2001, 63, .	1.1	51
102	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
103	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
104	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
105	$^{40}Ar/^{39}Ar$ dating of Apollo 12 impact spherules. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	48
106	Mio-Pliocene mammals from the Middle Awash, Ethiopia. <i>Geobios</i> , 2004, 37, 536-552.	0.7	47
107	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
108	Evidence of multi-phase Cretaceous to Quaternary alkaline magmatism on the Madeira Rise and neighbouring seamounts from $^{40}Ar/^{39}Ar$ ages. <i>Journal of the Geological Society</i> , 2009, 166, 879-894.	0.9	45



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109	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
110	How fast was the Matuyamaâ€“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
111	Magma flow inferred from anisotropy of magnetic susceptibility in the coastal Parana-Etendeka igneous province: Evidence for rifting before flood volcanism. <i>Geology</i> , 1997, 25, 1131.	2.0	43
112	New Middle Eocene Whales from the Pisco Basin of Peru. <i>Journal of Paleontology</i> , 2011, 85, 955-969.	0.5	42
113	Deformation resulting from regional extension during pluton ascent and emplacement, central Sierra Nevada, California. <i>Journal of Structural Geology</i> , 1993, 15, 609-628.	1.0	41
114	Geomagnetic paleointensity and direct age determination of the ISEA (MOr?) chron. <i>Earth and Planetary Science Letters</i> , 2004, 217, 285-295.	1.8	41
115	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
116	The age of the Steens reversal and the Columbia River Basalt Group. <i>Chemical Geology</i> , 2010, 274, 158-168.	1.4	41
117	Tectonics of the Pliocene Loreto basin, Baja California Sur, Mexico, and evolution of the Gulf of California. <i>Geology</i> , 1994, 22, 649.	2.0	40
118	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
119	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
120	Potassic volcanism near Mono basin, California: Evidence for high water and oxygen fugacities inherited from subduction. <i>Geology</i> , 1993, 21, 949.	2.0	38
121	The record of Miocene impacts in the Argentine Pampas. <i>Meteoritics and Planetary Science</i> , 2006, 41, 749-771.	0.7	37
122	$\text{U}\text{-}^{238}\text{Pb}$ and $^{40}\text{Ar}/^{39}\text{Ar}$ dating of the Miocene fossil track site at Ipolytarn <sup>3</sup> c (Hungary) and its implications. <i>Earth and Planetary Science Letters</i> , 2007, 258, 160-174.	1.8	37
123	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
124	Contemporaneous alkaline and tholeiitic magmatism in the Ponta Grossa Arch, Parana-Etendeka Magmatic Province: Constraints from $\text{U}\text{-}^{238}\text{Pb}$ zircon/baddeleyite and $^{40}\text{Ar}/^{39}\text{Ar}$ phlogopite dating of the Jos <sup>o</sup> Fernandes Gabbro and mafic dykes. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 355, 55-65.	0.8	37
125	Geochronology of Oreopithecus -bearing succession at Baccinello (Italy) and the extinction pattern of European Miocene hominoids. <i>Journal of Human Evolution</i> , 2000, 39, 577-582.	1.3	36
126	$^{40}\text{Ar}/^{39}\text{Ar}$ age constraints on ore deposition and cooling of the Bushveld Complex, South Africa. <i>Journal of the Geological Society</i> , 2004, 161, 411-420.	0.9	36



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127	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
128	$^{40}\text{Ar}/^{39}\text{Ar}$ laser-probe dating of detrital micas from the Montgomery Creek Formation, northern California: Clues to provenance, tectonics, and weathering processes. <i>Geology</i> , 1990, 18, 563.	2.0	35
129	Is Bedout an Impact Crater? Take 2. <i>Science</i> , 2004, 306, 610-612.	6.0	35
130	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
131	Solar and cosmogenic argon in dated lunar impact spherules. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 1624-1635.	1.6	34
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