

Kip Hodges

List of Publications by Year in descending order

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205
papers

14,322
citations

18436

62
h-index

20900

115
g-index

210
all docs

210
docs citations

210
times ranked

6473
citing authors

#	ARTICLE	IF	CITATIONS
1	Tectonics of the Himalaya and southern Tibet from two perspectives. <i>Bulletin of the Geological Society of America</i> , 2000, 112, 324-350.	1.6	1,022
2	Correlation of Himalayan exhumation rates and Asian monsoon intensity. <i>Nature Geoscience</i> , 2008, 1, 875-880.	5.4	604
3	Evidence for Tibetan plateau uplift before 14 Myr ago from a new minimum age for east-west extension. <i>Nature</i> , 1995, 374, 49-52.	13.7	499
4	Late Cenozoic evolution of the eastern margin of the Tibetan Plateau: Inferences from $^{40}\text{Ar}/^{39}\text{Ar}$ and (U-Th)/He thermochronology. <i>Tectonics</i> , 2002, 21, 1-1-1-20.	1.3	484
5	Two-phase growth of high topography in eastern Tibet during the Cenozoic. <i>Nature Geoscience</i> , 2012, 5, 640-645.	5.4	472
6	The South Tibetan Detachment System, Himalayan Orogen: Extension Contemporaneous With and Parallel to Shortening in a Collisional Mountain Belt. <i>Special Paper of the Geological Society of America</i> , 1992, , 1-41.	0.5	454
7	Tectonic evolution of the central Annapurna Range, Nepalese Himalayas. <i>Tectonics</i> , 1996, 15, 1264-1291.	1.3	445
8	Pre-Pliocene Extension around the Gulf of California and the transfer of Baja California to the Pacific Plate. <i>Tectonics</i> , 1989, 8, 99-115.	1.3	350
9	Isotopic constraints on the age and provenance of the Lesser and Greater Himalayan sequences, Nepalese Himalaya. <i>Bulletin of the Geological Society of America</i> , 1996, 108, 904-911.	1.6	346
10	Shisha Pangma Leucogranite, South Tibetan Himalaya: Field Relations, Geochemistry, Age, Origin, and Emplacement. <i>Journal of Geology</i> , 1997, 105, 295-318.	0.7	345
11	Has focused denudation sustained active thrusting at the Himalayan topographic front?. <i>Geology</i> , 2003, 31, 861.	2.0	332
12	Simultaneous Miocene Extension and Shortening in the Himalayan Orogen. <i>Science</i> , 1992, 258, 1466-1470.	6.0	330
13	Quaternary deformation, river steepening, and heavy precipitation at the front of the Higher Himalayan ranges. <i>Earth and Planetary Science Letters</i> , 2004, 220, 379-389.	1.8	270
14	Active out-of-sequence thrust faulting in the central Nepalese Himalaya. <i>Nature</i> , 2005, 434, 1008-1011.	13.7	269
15	Tectonometamorphic evolution of the Himalayan metamorphic core between the Annapurna and Dhaulagiri, central Nepal. <i>Journal of Metamorphic Geology</i> , 2003, 14, 635-656.	1.6	260
16	Crustal thickening leading to exhumation of the Himalayan Metamorphic core of central Nepal: Insight from U-Pb Geochronology and $^{40}\text{Ar}/^{39}\text{Ar}$ Thermochronology. <i>Tectonics</i> , 2001, 20, 729-747.	1.3	234
17	Southward extrusion of Tibetan crust and its effect on Himalayan tectonics. <i>Tectonics</i> , 2001, 20, 799-809.	1.3	226
18	Regional incision of the eastern margin of the Tibetan Plateau. <i>Lithosphere</i> , 2010, 2, 50-63.	0.6	197

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19	P-T paths from garnet zoning: A new technique for deciphering tectonic processes in crystalline terranes. <i>Geology</i> , 1984, 12, 87.	2.0	172
20	Metamorphism, Melting, and Extension: Age Constraints from the High Himalayan Slab of Southeast Zaskar and Northwest Lahaul. <i>Journal of Geology</i> , 1999, 107, 473-495.	0.7	152
21	Uplift of the western margin of the Andean plateau revealed from canyon incision history, southern Peru. <i>Geology</i> , 2007, 35, 523.	2.0	142
22	Forearc hyperextension dismembered the south Tibetan ophiolites. <i>Geology</i> , 2015, 43, 475-478.	2.0	129
23	The Kangmar Dome: A Metamorphic Core Complex in Southern Xizang (Tibet). <i>Science</i> , 1990, 250, 1552-1556.	6.0	128
24	The thermal structure of collisional orogens as a response to accretion, erosion, and radiogenic heating. <i>Journal of Geophysical Research</i> , 1998, 103, 15287-15302.	3.3	127
25	Evidence for rapid displacement on Himalayan normal faults and the importance of tectonic denudation in the evolution of mountain ranges. <i>Geology</i> , 1998, 26, 483.	2.0	124
26	Short-lived continental magmatic arc at Connemara, western Irish Caledonides: Implications for the age of the Grampian orogeny. <i>Geology</i> , 1999, 27, 27.	2.0	124
27	$^{40}\text{Ar}/^{39}\text{Ar}$ age gradients in micas from a high-temperature-low-pressure metamorphic terrain: Evidence for very slow cooling and implications for the interpretation of age spectra. <i>Geology</i> , 1994, 22, 55.	2.0	123
28	Geology of Panamint Valley – Saline Valley Pull-Apart System, California: Palinspastic evidence for low-angle geometry of a Neogene Range-Bounding Fault. <i>Journal of Geophysical Research</i> , 1987, 92, 10422-10426.	3.3	121
29	The metamorphic signature of contemporaneous extension and shortening in the central Himalayan orogen: data from the Nyalam transect, southern Tibet. <i>Journal of Metamorphic Geology</i> , 1993, 11, 721-737.	1.6	121
30	Thermal modeling of extensional tectonics: Application to pressure-temperature-time histories of metamorphic rocks. <i>Tectonics</i> , 1988, 7, 947-957.	1.3	116
31	Neotectonics of the Thakkhola graben and implications for recent activity on the South Tibetan fault system in the central Nepal Himalaya. <i>Bulletin of the Geological Society of America</i> , 2001, 113, 222-240.	1.6	114
32	A review of the handheld X-ray fluorescence spectrometer as a tool for field geologic investigations on Earth and in planetary surface exploration. <i>Applied Geochemistry</i> , 2016, 72, 77-87.	1.4	114
33	Climate change and Late Pliocene acceleration of erosion in the Himalaya. <i>Earth and Planetary Science Letters</i> , 2006, 252, 107-118.	1.8	107
34	Extension in the Cretaceous Sevier orogen, North American Cordillera. <i>Bulletin of the Geological Society of America</i> , 1992, 104, 560.	1.6	104
35	New constraints on the age of the Manaslu leucogranite: Evidence for episodic tectonic denudation in the central Himalayas. <i>Geology</i> , 1994, 22, 559.	2.0	104
36	Pressure-temperature-time paths from two-dimensional thermal models: Prograde, retrograde, and inverted metamorphism. <i>Tectonics</i> , 1994, 13, 17-44.	1.3	104

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37	An Early Pliocene thermal disturbance of the main central thrust, central Nepal: Implications for Himalayan tectonics. <i>Journal of Geophysical Research</i> , 1991, 96, 8475-8500.	3.3	102
38	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
39	Thermal evolution of the Greater Himalaya, Garhwal, India. <i>Tectonics</i> , 1988, 7, 583-600.	1.3	101
40	Data reporting norms for $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. <i>Quaternary Geochronology</i> , 2009, 4, 346-352.	0.6	97
41	The use of detrital mineral cooling ages to evaluate steady state assumptions in active orogens: An example from the central Nepalese Himalaya. <i>Tectonics</i> , 2005, 24, n/a-n/a.	1.3	96
42	Plio-Quaternary exhumation history of the central Nepalese Himalaya: 2. Thermokinematic and thermochronometer age prediction model. <i>Tectonics</i> , 2007, 26, n/a-n/a.	1.3	93
43	Geochronological constraints on the magmatic, metamorphic and thermal evolution of the Connemara Caledonides, western Ireland. <i>Journal of the Geological Society</i> , 1999, 156, 1217-1230.	0.9	92
44	A structural analysis of the Main Central Thrust zone, Langtang National Park, central Nepal Himalaya. <i>Bulletin of the Geological Society of America</i> , 1992, 104, 1389-1402.	1.6	91
45	The effects of accretion, erosion and radiogenic heat on the metamorphic evolution of collisional orogens. <i>Journal of Metamorphic Geology</i> , 1999, 17, 349-366.	1.6	89
46	Pressure-Temperature-Time Paths. <i>Annual Review of Earth and Planetary Sciences</i> , 1991, 19, 207-236.	4.6	84
47	Active shortening within the Himalayan orogenic wedge implied by the 2015 Gorkha earthquake. <i>Nature Geoscience</i> , 2016, 9, 711-716.	5.4	84
48	Neotectonics of the central Nepalese Himalaya: Constraints from geomorphology, detrital $^{40}\text{Ar}/^{39}\text{Ar}$ thermochronology, and thermal modeling. <i>Tectonics</i> , 2006, 25, n/a-n/a.	1.3	83
49	Geologic thermobarometry of retrograded metamorphic rocks: An indication of the uplift trajectory of a portion of the northern Scandinavian caledonides. <i>Journal of Geophysical Research</i> , 1984, 89, 7077-7090.	3.3	81
50	Timescales of melt generation and the thermal evolution of the Himalayan metamorphic core, Everest region, eastern Nepal. <i>Contributions To Mineralogy and Petrology</i> , 2005, 149, 1-21.	1.2	81
51	Thermobarometric and $^{40}\text{Ar}/^{39}\text{Ar}$ geochronologic constraints on Eohimalayan metamorphism in the Dinggyi $\frac{1}{2}$ area, southern Tibet. <i>Contributions To Mineralogy and Petrology</i> , 1994, 117, 151-163.	1.2	80
52	Modelling detrital cooling-age populations: insights from two Himalayan catchments. <i>Basin Research</i> , 2003, 15, 305-320.	1.3	80
53	Thermochronology of mineral grains in the Red and Mekong Rivers, Vietnam: Provenance and exhumation implications for Southeast Asia. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	80
54	Variable shortening rates in the eastern Himalayan thrust belt, Bhutan: Insights from multiple thermochronologic and geochronologic data sets tied to kinematic reconstructions. <i>Tectonics</i> , 2012, 31, .	1.3	79

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55	Possible thermal buffering by crustal anatexis in collisional orogens: Thermobarometric evidence from the Nepalese Himalaya. <i>Geology</i> , 1988, 16, 707.	2.0	75
56	Climate controls on erosion in tectonically active landscapes. <i>Science Advances</i> , 2020, 6, .	4.7	75
57	$^{40}\text{Ar}/^{39}\text{Ar}$ geochronology of flood basalts from the Kerguelen Archipelago, southern Indian Ocean: implications for Cenozoic eruption rates of the Kerguelen plume. <i>Earth and Planetary Science Letters</i> , 2000, 174, 313-328.	1.8	74
58	Monazite ⁴⁰ Ar/39Ar xenotime thermochronometry: methodology and an example from the Nepalese Himalaya. <i>Contributions To Mineralogy and Petrology</i> , 2001, 141, 233-247.	1.2	72
59	Structural evolution of an A-type subduction zone, Iofoten-Rombak Area, northern Scandinavian Caledonides. <i>Tectonics</i> , 1982, 1, 441-462.	1.3	68
60	The Interdependence of Deformational and Thermal Processes in Mountain Belts. <i>Science</i> , 1996, 273, 637-639.	6.0	68
61	Age and structure of the Shyok suture in the Ladakh region of northwestern India: Implications for slip on the Karakoram fault system. <i>Tectonics</i> , 2015, 34, 2011-2033.	1.3	68
62	Contrasting Oligocene and Miocene thermal histories from the hanging wall and footwall of the South Tibetan detachment in the central Himalaya from $^{40}\text{Ar}/^{39}\text{Ar}$ thermochronology, Marsyandi Valley, central Nepal. <i>Tectonics</i> , 1998, 17, 726-740.	1.3	67
63	Geochronology and Thermochronology in Orogenic Systems. , 2003, , 263-292.		63
64	U and Th zoning in Cerro de Mercado (Durango, Mexico) fluorapatite: Insights regarding the impact of recoil redistribution of radiogenic ^4He on $(\text{U}+^{230}\text{Th})/\text{He}$ thermochronology. <i>Chemical Geology</i> , 2005, 219, 261-274.	1.4	63
65	Thermal evolution of a portion of the Sevier Hinterland: The Northern Ruby Mountains-East Humboldt Range and Wood Hills, northeastern Nevada. <i>Tectonics</i> , 1992, 11, 154-164.	1.3	56
66	thermochronology of isotopically zoned micas: Insights from the southwestern USA proterozoic orogen. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 3205-3220.	1.6	56
67	Laser $^{40}\text{Ar}/^{39}\text{Ar}$ Evaluation of Slow Cooling and Episodic Loss of ^{40}Ar from a Sample of Polymetamorphic Muscovite. <i>Science</i> , 1993, 261, 1721-1723.	6.0	55
68	$^{40}\text{Ar}/^{39}\text{Ar}$ Thermochronology of Detrital Minerals. <i>Reviews in Mineralogy and Geochemistry</i> , 2005, 58, 239-257.	2.2	55
69	Multistage exhumation and juxtaposition of lower continental crust in the western Canadian Shield: Linking high-resolution U-Pb and $^{40}\text{Ar}/^{39}\text{Ar}$ thermochronometry with pressure-temperature-deformation paths. <i>Tectonics</i> , 2006, 25, n/a-n/a.	1.3	55
70	Syncontractional extension and exhumation of deep crustal rocks in the east Greenland Caledonides. <i>Tectonics</i> , 2001, 20, 58-77.	1.3	54
71	Quantifying canyon incision and Andean Plateau surface uplift, southwest Peru: A thermochronometer and numerical modeling approach. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	53
72	Pogallo Line, South Alps, northern Italy: An intermediate crystal level, low-angle normal fault?. <i>Geology</i> , 1984, 12, 151.	2.0	50

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73	U–Pb and ⁴⁰ Ar/ ³⁹ Ar constraints on the Fjord Region Detachment Zone: a long-lived extensional fault in the central East Greenland Caledonides. <i>Journal of the Geological Society</i> , 2000, 157, 795-809.	0.9	49
74	Pleistocene onset of rapid, punctuated exhumation in the eastern Central Range of the Taiwan orogenic belt. <i>Geology</i> , 2016, 44, 719-722.	2.0	46
75	Laser microprobe (U–Th)/He geochronology. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 3031-3039.	1.6	45
76	In situ development of high-elevation, low-relief landscapes via duplex deformation in the Eastern Himalayan hinterland, Bhutan. <i>Journal of Geophysical Research F: Earth Surface</i> , 2016, 121, 294-319.	1.0	45
77	A technique for analyzing the thermal and uplift histories of eroding orogenic belts: A Scandinavian example. <i>Journal of Geophysical Research</i> , 1984, 89, 7091-7106.	3.3	44
78	Evolution of extensional basins and basin and range topography west of Death Valley, California. <i>Tectonics</i> , 1989, 8, 453-467.	1.3	44
79	Topography, exhumation pathway, age uncertainties, and the interpretation of thermochronometer data. <i>Tectonics</i> , 2007, 26, .	1.3	44
80	Empirical constraints on the effects of radiation damage on helium diffusion in zircon. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 218, 308-322.	1.6	44
81	>Mesozoic and Cenozoic extension recorded by metamorphic rocks in the Funeral Mountains, California. <i>Bulletin of the Geological Society of America</i> , 1995, 107, 1063-1076.	1.6	43
82	A synthesis of the Channel Flow-Extrusion hypothesis as developed for the Himalayan-Tibetan orogenic system. <i>Geological Society Special Publication</i> , 2006, 268, 71-90.	0.8	43
83	Synchronous N-S and E-W extension at the Tibet-to-Himalaya transition in NW Bhutan. <i>Tectonics</i> , 2015, 34, 1375-1395.	1.3	42
84	The thermal evolution of Chinese central Tianshan and its implications: Insights from multi-method chronometry. <i>Tectonophysics</i> , 2018, 722, 536-548.	0.9	40
85	The Middle Mountain shear zone, southern Idaho: Kinematic analysis of an early Tertiary high-temperature detachment. <i>Bulletin of the Geological Society of America</i> , 1988, 100, 96-103.	1.6	39
86	Thermochronology of the modern Indus River bedload: New insight into the controls on the marine stratigraphic record. <i>Tectonics</i> , 2004, 23, n/a-n/a.	1.3	39
87	Miocene to recent structural development of an extensional accommodation zone, northeastern Baja California, Mexico. <i>Journal of Structural Geology</i> , 1990, 12, 315-328.	1.0	38
88	Geologic constraints on middle-crustal behavior during broadly synorogenic extension in the central East Greenland Caledonides. <i>International Journal of Earth Sciences</i> , 2002, 91, 187-208.	0.9	37
89	Desert Research and Technology Studies (DRATS) 2010 science operations: Operational approaches and lessons learned for managing science during human planetary surface missions. <i>Acta Astronautica</i> , 2013, 90, 224-241.	1.7	37
90	Laser (U–Th)/He thermochronology of detrital zircons as a tool for studying surface processes in modern catchments. <i>Journal of Geophysical Research F: Earth Surface</i> , 2013, 118, 1333-1341.	1.0	37

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91	ArAR " A software tool to promote the robust comparison of "Ar and 40Ar/39Ar dates published using different decay, isotopic, and monitor-age parameters. <i>Chemical Geology</i> , 2016, 440, 148-163.	1.4	35
92	Temperature and pressure of mylonitization in a Tertiary extensional shear zone, Ruby Mountains-East Humboldt Range, Nevada: Tectonic implications. <i>Geology</i> , 1991, 19, 82.	2.0	34
93	Proterozoic metamorphism and cooling in the southern Lake Superior region, North America and its bearing on crustal evolution. <i>Precambrian Research</i> , 2007, 157, 106-126.	1.2	34
94	Integrated single crystal laser ablation U/Pb and (U"Th)/He dating of detrital accessory minerals " Proof-of-concept studies of titanites and zircons from the Fish Canyon tuff. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 178, 106-123.	1.6	34
95	(U"Th)/He dating of terrestrial impact structures: The Manicouagan example. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, .	1.0	33
96	Constraints on unroofing rates in the High Himalaya, eastern Nepal. <i>Tectonics</i> , 1991, 10, 287-298.	1.3	32
97	Large normal-sense displacement on the South Tibetan fault system in the eastern Himalaya. <i>Geology</i> , 2012, 40, 971-974.	2.0	32
98	Thermochronologic constraints on the slip history of the South Tibetan detachment system in the Everest region, southern Tibet. <i>Earth and Planetary Science Letters</i> , 2017, 459, 105-117.	1.8	32
99	A comparative study of detrital mineral and bedrock age-elevation methods for estimating erosion rates. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	31
100	Impact thermochronology and the age of Houghton impact structure, Canada. <i>Geophysical Research Letters</i> , 2013, 40, 3836-3840.	1.5	31
101	Constraints on the tectonic and landscape evolution of the Bhutan Himalaya from thermochronometry. <i>Tectonics</i> , 2015, 34, 1329-1347.	1.3	31
102	Late Cretaceous extensional unroofing in the Funeral Mountains metamorphic core complex, California. <i>Geology</i> , 1992, 20, 519.	2.0	30
103	Flexural bending of southern Tibet in a retro foreland setting. <i>Scientific Reports</i> , 2015, 5, 12076.	1.6	30
104	Petrologic constraints on the unroofing history of the Funeral Mountain Metamorphic Core Complex, California. <i>Journal of Geophysical Research</i> , 1990, 95, 8437-8445.	3.3	29
105	Late Cenozoic structural and tectonic development of the western margin of the central Andean Plateau in southwest Peru. <i>Tectonics</i> , 2009, 28, .	1.3	29
106	Evidence for Plio" Pleistocene north" south extension at the southern margin of the Tibetan Plateau, Nyalam region. <i>Tectonics</i> , 2013, 32, 317-333.	1.3	27
107	Limits on the tectonic significance of rapid cooling events in extensional settings: Insights from the Bitterroot metamorphic core complex, Idaho-Montana. <i>Geology</i> , 1994, 22, 1007.	2.0	26
108	Petrological and geochronological constraints on regional metamorphism along the northern border of the Bitterroot batholith. <i>Journal of Metamorphic Geology</i> , 1997, 15, 753-764.	1.6	26

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109	Assessment of robotic recon for human exploration of the Moon. <i>Acta Astronautica</i> , 2010, 67, 1176-1188.	1.7	26
110	Laser depth profiling studies of helium diffusion in Durango fluorapatite. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 2409-2419.	1.6	26
111	Thermochronology in Orogenic Systems. , 2014, , 281-308.		25
112	Role of horizontal thermal conduction and finite time thrust emplacement in simulation of pressure-temperature-time paths. <i>Earth and Planetary Science Letters</i> , 1994, 123, 49-60.	1.8	24
113	Neogene cooling and exhumation of upper-amphibolite-facies 'whiteschists' in the southwest Pamir Mountains, Tajikistan. <i>Tectonophysics</i> , 1999, 305, 325-337.	0.9	24
114	Metamorphic constraints on the character and displacement of the South Tibetan fault system, central Bhutanese Himalaya. <i>Lithosphere</i> , 2013, 5, 67-81.	0.6	24
115	Geologic Traverse Planning for Planetary EVA. , 0, , .		22
116	He diffusion in monazite: Implications for (U-Th)/He thermochronometry. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	1.0	22
117	Improved confidence in (U-Th)/He thermochronology using the laser microprobe: An example from a Pleistocene leucogranite, Nanga Parbat, Pakistan. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	1.0	22
118	The thermodynamics of Himalayan orogenesis. <i>Geological Society Special Publication</i> , 1998, 138, 7-22.	0.8	21
119	Exploration telepresence: A strategy for optimizing scientific research at remote space destinations. <i>Science Robotics</i> , 2017, 2, .	9.9	21
120	Chapter 19: Structural unroofing of the central Panamint Mountains, Death Valley region, southeastern California. <i>Memoir of the Geological Society of America</i> , 1990, , 377-390.	0.5	20
121	Dating cleavage formation in slates and phyllites with the $^{40}\text{Ar}/^{39}\text{Ar}$ laser microprobe: an example from the western New England Appalachians, USA. <i>Terra Nova</i> , 2000, 12, 264-271.	0.9	20
122	Evidence for Pliocene-Quaternary normal faulting in the hinterland of the Bhutan Himalaya. <i>Lithosphere</i> , 2013, 5, 438-449.	0.6	20
123	Refining lunar impact chronology through high spatial resolution $^{40}\text{Ar}/^{39}\text{Ar}$ dating of impact melts. <i>Science Advances</i> , 2015, 1, e1400050.	4.7	20
124	Crustal Decoupling in Collisional Orogenesis: Examples from the East Greenland Caledonides and Himalaya. <i>Annual Review of Earth and Planetary Sciences</i> , 2016, 44, 685-708.	4.6	20
125	Mapping radiation damage zoning in zircon using Raman spectroscopy: Implications for zircon chronology. <i>Chemical Geology</i> , 2020, 538, 119494.	1.4	20
126	A new paradigm for advanced planetary field geology developed through analog experiments on Earth. , 2011, , .		19

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127	Characterization of the rhyolite of Bodie Hills and $^{40}\text{Ar}/^{39}\text{Ar}$ intercalibration with Ar mineral standards. <i>Chemical Geology</i> , 2019, 525, 282-302.	1.4	19
128	Age of Tertiary extension in the Bitterroot metamorphic core complex, Montana and Idaho. <i>Geology</i> , 1993, 21, 161.	2.0	18
129	Depositional and tectonic evolution of a supradetachment basin: $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology of the Nova Formation, Panamint Range, California. <i>Basin Research</i> , 2000, 12, 19-30.	1.3	18
130	Climate and the Evolution of Mountains. <i>Scientific American</i> , 2006, 295, 72-79.	1.0	18
131	A Late Miocene acceleration of exhumation in the Himalayan crystalline core. <i>Earth and Planetary Science Letters</i> , 2008, 269, 1-10.	1.8	18
132	Pressure-temperature-time evolution of the Central East Greenland Caledonides: quantitative constraints on crustal thickening and synorogenic extension. <i>Journal of Metamorphic Geology</i> , 2003, 21, 875-897.	1.6	17
133	Students' Perceptions of Terrascope, A Project-Based Freshman Learning Community. <i>Journal of Science Education and Technology</i> , 2007, 16, 349-364.	2.4	17
134	New constraints on the age of the Manaslu leucogranite: Evidence for episodic tectonic denudation in the central Himalaya: Comment and Reply. <i>Geology</i> , 1995, 23, 478.	2.0	16
135	Multistage extensional evolution of the central East Greenland Caledonides. <i>Tectonics</i> , 2002, 21, 12-1-12-28.	1.3	16
136	Implications of middle Eocene epizonal plutonism for the unroofing history of the Bitterroot metamorphic core complex, Idaho-Montana. <i>Bulletin of the Geological Society of America</i> , 2002, 114, 448-461.	1.6	16
137	Downstream development of a detrital cooling-age signal: Insights from $^{40}\text{Ar}/^{39}\text{Ar}$ muscovite thermochronology in the Nepalese Himalaya. , 2006, , .		16
138	Evidence for Pleistocene Low-Angle Normal Faulting in the Annapurna-Dhaulagiri Region, Nepal. <i>Journal of Geology</i> , 2015, 123, 133-151.	0.7	16
139	Footwall structural evolution of the Tucki Mountain detachment system, Death Valley region, southeastern California. <i>Geological Society Special Publication</i> , 1987, 28, 393-408.	0.8	15
140	Chapter 18: Constraints on the kinematics and timing of late Miocene-Recent extension between the Panamint and Black Mountains, southeastern California. <i>Memoir of the Geological Society of America</i> , 1990, , 363-376.	0.5	15
141	Empirical evaluation of solution models for pelitic minerals and their application to thermobarometry. <i>Contributions To Mineralogy and Petrology</i> , 1994, 117, 56-65.	1.2	15
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