Paul A Kapp

List of Publications by Citations

111 papers	11,217 citations	54 h-index	105 g-index
117 ext. papers	12,800 ext. citations	4.3 avg, IF	6.41 L-index

#	Paper	IF	Citations
111	Geological records of the Lhasa-Qiangtang and Indo-Asian collisions in the Nima area of central Tibet. *Bulletin of the Geological Society of America*, **2007**, 119, 917-933	3.9	642
110	Cretaceous-Tertiary shortening, basin development, and volcanism in central Tibet. *Bulletin of the Geological Society of America*, **2005**, 117, 865	3.9	565
109	Wind erosion in the Qaidam basin, central Asia: Implications for tectonics, paleoclimate, and the source of the Loess Plateau. *GSA Today*, **2011**, 21, 4-10	2.8	502
108	Cyclicity in Cordilleran orogenic systems. *Nature Geoscience*, **2009**, 2, 251-257	18.3	484
107	Detrital zircon geochronology of pre-Tertiary strata in the Tibetan-Himalayan orogen. *Tectonics*, **2011**, 30, n/a-n/a	4.3	473
106	Paleocene□Eocene record of ophiolite obduction and initial India-Asia collision, south central Tibet. *Tectonics*, **2005**, 24, n/a-n/a	4.3	416
105	Triassic continental subduction in central Tibet and Mediterranean-style closure of the Paleo-Tethys Ocean. *Geology*, **2008**, 36, 351	5	353
104	Mesozoic and Cenozoic tectonic evolution of the Shiquanhe area of western Tibet. *Tectonics*, **2003**, 22, n/a-n/a	4.3	323
103	Tibetan basement rocks near Amdo reveal □missing□Mesozoic tectonism along the Bangong suture, central Tibet. *Geology*, **2006**, 34, 505	5	315
102	Paleocene-Eocene foreland basin evolution in the Himalaya of southern Tibet and Nepal: Implications for the age of initial India-Asia collision. *Tectonics*, **2014**, 33, 824-849	4.3	286
101	Tectonic evolution of the early Mesozoic blueschist-bearing Qiangtang metamorphic belt, central Tibet. *Tectonics*, **2003**, 22, n/a-n/a	4.3	279
100	Blueschist-bearing metamorphic core complexes in the Qiangtang block reveal deep crustal structure of northern Tibet. *Geology*, **2000**, 28, 19	5	260
99	High and dry in central Tibet during the Late Oligocene. *Earth and Planetary Science Letters*, **2007**, 253, 389-401	5.3	243
98	Cenozoic structural and metamorphic evolution of the eastern Himalayan syntaxis (Namche Barwa). *Earth and Planetary Science Letters*, **2001**, 192, 423-438	5.3	232
97	Mesozoic□enozoic geological evolution of the Himalayan-Tibetan orogen and working tectonic hypotheses. *Numerische Mathematik*, **2019**, 319, 159-254	5.3	203
96	Metamorphic rocks in central Tibet: Lateral variations and implications for crustal structure. *Bulletin of the Geological Society of America*, **2011**, 123, 585-600	3.9	193
95	Late Cretaceous to middle Tertiary basin evolution in the central Tibetan Plateau: Changing environments in response to tectonic partitioning, aridification, and regional elevation gain. *Bulletin of the Geological Society of America*, **2007**, 119, 654-680	3.9	181

94	Detrital zircon geochronology of Carboniferous–Cretaceous strata in the Lhasa terrane, Southern Tibet. *Basin Research*, **2007**, 19, 361-378	3.2	180
93	Qaidam Basin and northern Tibetan Plateau as dust sources for the Chinese Loess Plateau and paleoclimatic implications. *Geology*, **2011**, 39, 1031-1034	5	177
92	Palaeolatitude and age of the Indo-Asia collision: palaeomagnetic constraints. *Geophysical Journal International*, **2010**, 182, 1189-1198	2.6	176
91	Restoration of Cenozoic deformation in Asia and the size of Greater India. *Tectonics*, **2011**, 30, n/a-n/a	4.3	170
90	Thermochronologic evidence for plateau formation in central Tibet by 45 Ma. *Geology*, **2012**, 40, 187-190	5	153
89	Structural evolution of the Gurla Mandhata detachment system, southwest Tibet: Implications for the eastward extent of the Karakoram fault system. *Bulletin of the Geological Society of America*, **2002**, 114, 428-447	3.9	152
88	U–Pb geochronology of basement rocks in central Tibet and paleogeographic implications. *Journal of Asian Earth Sciences*, **2012**, 43, 23-50	2.8	148
87	Oligocene-Miocene Kailas basin, southwestern Tibet: Record of postcollisional upper-plate extension in the Indus-Yarlung suture zone. *Bulletin of the Geological Society of America*, **2011**, 123, 1337-1362	3.9	148
86	Cretaceous–Tertiary geology of the Gangdese Arc in the Linzhou area, southern Tibet. *Tectonophysics*, **2007**, 433, 15-37	3.1	148
85	Provenance analysis of the Mesozoic Hoh-Xil-Songpan-Ganzi turbidites in northern Tibet: Implications for the tectonic evolution of the eastern Paleo-Tethys Ocean. *Tectonics*, **2013**, 32, 34-48	4.3	146
84	Southward propagation of the Karakoram fault system, southwest Tibet: Timing and magnitude of slip. *Geology*, **2000**, 28, 451	5	143
83	Petrogenesis of Middle–late Triassic volcanic rocks from the Gangdese belt, southern Lhasa terrane: Implications for early subduction of Neo-Tethyan oceanic lithosphere. *Lithos*, **2016**, 262, 320-333	3.9	138
82	The Gangdese retroarc thrust belt revealed. *GSA Today*, **2007**, 17, 4	2.8	136
81	Postcollisional calc-alkaline lavas and xenoliths from the southern Qiangtang terrane, central Tibet. *Earth and Planetary Science Letters*, **2007**, 254, 28-38	5.3	132
80	Nyainqentanglha Shan: A window into the tectonic, thermal, and geochemical evolution of the Lhasa block, southern Tibet. *Journal of Geophysical Research*, **2005**, 110,		132
79	Conjugate strike-slip faulting along the Bangong-Nujiang suture zone accommodates coeval east-west extension and north-south shortening in the interior of the Tibetan Plateau. *Tectonics*, **2003**, 22, n/a-n/a	4.3	129
78	The late Miocene through present paleoelevation history of southwestern Tibet. *Numerische Mathematik*, **2009**, 309, 1-42	5.3	122
77	Significant late Neogene east-west extension in northern Tibet. *Geology*, **1999**, 27, 787	5	120

76	Lower Cretaceous Strata in the Lhasa Terrane, Tibet, with Implications for Understanding the Early Tectonic History of the Tibetan Plateau. *Journal of Sedimentary Research*, **2007**, 77, 809-825	2.1	112
75	Indian punch rifts Tibet. *Geology*, **2004**, 32, 993	5	112
74	Cretaceous-Tertiary structural evolution of the north central Lhasa terrane, Tibet. *Tectonics*, **2007**, 26, n/a-n/a	4.3	103
73	The Takena Formation of the Lhasa terrane, southern Tibet: The record of a Late Cretaceous retroarc foreland basin. *Bulletin of the Geological Society of America*, **2007**, 119, 31-48	3.9	103
72	Development of active low-angle normal fault systems during orogenic collapse: Insight from Tibet. *Geology*, **2008**, 36, 7	5	101
71	Forearc hyperextension dismembered the south Tibetan ophiolites. *Geology*, **2015**, 43, 475-478	5	100
70	Sedimentology, provenance and geochronology of the upper Cretaceous–lower Eocene western Xigaze forearc basin, southern Tibet. *Basin Research*, **2015**, 27, 387-411	3.2	98
69	Eolian cannibalism: Reworked loess and fluvial sediment as the main sources of the Chinese Loess Plateau. *Bulletin of the Geological Society of America*, **2016**, 128, 944-956	3.9	91
68	Lower Cretaceous Xigaze ophiolites formed in the Gangdese forearc: Evidence from paleomagnetism, sediment provenance, and stratigraphy. *Earth and Planetary Science Letters*, **2015**, 415, 142-153	5.3	76
67	Age and geochemistry of western Hoh-Xil–Songpan-Ganzi granitoids, northern Tibet: Implications for the Mesozoic closure of the Paleo-Tethys ocean. *Lithos*, **2014**, 190-191, 328-348	2.9	73
66	Late Triassic paleogeographic reconstruction along the Neo-Tethyan Ocean margins, southern Tibet. *Earth and Planetary Science Letters*, **2016**, 435, 105-114	5.3	72
65	Wind as the primary driver of erosion in the Qaidam Basin, China. *Earth and Planetary Science Letters*, **2013**, 374, 1-10	5.3	64
64	Stable isotopic results from paleosol carbonate in South Asia: Paleoenvironmental reconstructions and selective alteration. *Earth and Planetary Science Letters*, **2009**, 279, 242-254	5.3	63
63	Magmatic history and crustal genesis of western South America: Constraints from U-Pb ages and Hf isotopes of detrital zircons in modern rivers **2016**, 12, 1532-1555		62
62	Climatic and tectonic controls on sedimentation and erosion during the Pliocene-Quaternary in the Qaidam Basin (China). *Bulletin of the Geological Society of America*, **2013**, 125, 833-856	3.9	59
61	Miocene burial and exhumation of the India-Asia collision zone in southern Tibet: Response to slab dynamics and erosion. *Geology*, **2014**, 42, 443-446	5	57
60	Resilience of the Asian atmospheric circulation shown by Paleogene dust provenance. *Nature Communications*, **2016**, 7, 12390	17.4	55
59	Gangdese retroarc thrust belt and foreland basin deposits in the Damxung area, southern Tibet. *Journal of Asian Earth Sciences*, **2008**, 33, 323-336	2.8	54

58	Range-front fault scarps of the Sierra El Mayor, Baja California: Formed above an active low-angle normal fault?. *Geology*, **1999**, 27, 247	5	54
57	Mesozoic to Cenozoic magmatic history of the Pamir. *Earth and Planetary Science Letters*, **2018**, 482, 181-192	5.2	53
56	Spatial and temporal radiogenic isotopic trends of magmatism in Cordilleran orogens. *Gondwana Research*, **2017**, 48, 189-204	5.1	51
55	Southern Tibetan Oligocene–Miocene adakites: A record of Indian slab tearing. *Lithos*, **2014**, 210-211, 209-223	2.9	49
54	Metamorphism of the Amdo metamorphic complex, Tibet: implications for the Jurassic tectonic evolution of the Bangong suture zone. *Journal of Metamorphic Geology*, **2013**, 31, 705-727	4.4	42
53	Influence of pre-Andean crustal structure on Cenozoic thrust belt kinematics and shortening magnitude: Northwestern Argentina **2013**, 9, 1766-1782		40
52	Basin formation in the High Himalaya by arc-parallel extension and tectonic damming: Zhada basin, southwestern Tibet. *Tectonics*, **2010**, 29, n/a-n/a	4.3	37
51	Tibetan Magmatism Database. *Geochemistry, Geophysics, Geosystems*, **2017**, 18, 4229-4234	3.6	36
50	What was the Paleogene latitude of the Lhasa terrane? A reassessment of the geochronology and paleomagnetism of Linzizong volcanic rocks (Linzhou basin, Tibet). *Tectonics*, **2015**, 34, 594-622	4.3	36
49	Along-strike diachroneity in deposition of the Kailas Formation in central southern Tibet: Implications for Indian slab dynamics **2016**, 12, 1198-1223		34
48	The disappearance of a Late Jurassic remnant sea in the southern Qiangtang Block (Shamuluo Formation, Najiangco area): Implications for the tectonic uplift of central Tibet. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2018**, 506, 30-47	2.9	32
47	Can a primary remanence be retrieved from partially remagnetized Eocence volcanic rocks in the Nanmulin Basin (southern Tibet) to date the India-Asia collision?. *Journal of Geophysical Research: Solid Earth*, **2015**, 120, 42-66	3.6	32
46	Paleolatitudes of the Tibetan Himalaya from primary and secondary magnetizations of Jurassic to Lower Cretaceous sedimentary rocks. *Geochemistry, Geophysics, Geosystems*, **2015**, 16, 77-100	3.6	31
45	Evidence for constriction and Pliocene acceleration of east-west extension in the North Lunggar rift region of west central Tibet. *Tectonics*, **2013**, 32, 1454-1479	4.3	31
44	Phase-equilibrium constraints on titanite and rutile activities in mafic epidote amphibolites and geobarometry using titanite–rutile equilibria. *Journal of Metamorphic Geology*, **2009**, 27, 509-521	4.4	30
43	Cenozoic anatexis and exhumation of Tethyan Sequence rocks in the Xiao Gurla Range, Southwest Tibet. *Tectonophysics*, **2011**, 501, 28-40	3.1	29
42	Remagnetization of the Paleogene Tibetan Himalayan carbonate rocks in the Gamba area: Implications for reconstructing the lower plate in the India-Asia collision. *Journal of Geophysical Research: Solid Earth*, **2017**, 122, 808-825	3.6	28
41	From dust to dust: Quaternary wind erosion of the Mu Us Desert and Loess Plateau, China. *Geology*, **2015**, 43, 835-838	5	28

40	Tectonic evolution of the Yarlung suture zone, Lopu Range region, southern Tibet. *Tectonics*, **2017**, 36, 108-136	4.3	26
39	Cyclical orogenic processes in the Cenozoic central Andes **2015**,		26
38	The Yarlung suture mélange, Lopu Range, southern Tibet: Provenance of sandstone blocks and transition from oceanic subduction to continental collision. *Gondwana Research*, **2017**, 48, 15-33	5.1	25
37	Earliest Cretaceous accretion of Neo-Tethys oceanic subduction along the Yarlung Zangbo Suture Zone, Sangsang area, southern Tibet. *Tectonophysics*, **2018**, 744, 373-389	3.1	25
36	Mesozoic tectonic history and lithospheric structure of the Qiangtang terrane: Insights from the Qiangtang metamorphic belt, central Tibet **2014**,		25
35	High-pressure Tethyan Himalaya rocks along the India-Asia suture zone in southern Tibet. *Lithosphere*, **2016**, 8, 574-582	2.7	22
34	Major Miocene exhumation by fault-propagation folding within a metamorphosed, early Paleozoic thrust belt: Northwestern Argentina. *Tectonics*, **2012**, 31, n/a-n/a	4.3	21
33	Birth, life, and demise of the Andean-Syn-collisional Gissar arc: Late Paleozoic tectono-magmatic-metamorphic evolution of the southwestern Tian Shan, Tajikistan. *Tectonics*, **2017**, 36, 1861-1912	4.3	20
32	Exhumation history of the north-central Shanxi Rift, North China, revealed by low-temperature thermochronology. *Earth and Planetary Science Letters*, **2020**, 536, 116146	5.3	19
31	Resetting Southern Tibet: The serious challenge of obtaining primary records of Paleoaltimetry. *Global and Planetary Change*, **2020**, 191, 103194	4.2	18
30	Cretaceous shortening and exhumation history of the South Pamir terrane. *Lithosphere*, **2018**, 10, 494-511	2.7	18
29	Structural style and kinematics of the Taihang-Luliangshan fold belt, North China: Implications for the Yanshanian orogeny. *Lithosphere*, **2019**, 11, 767-783	2.7	17
28	Tectonic and erosional history of southern Tibet recorded by detrital chronological signatures along the Yarlung River drainage. *Bulletin of the Geological Society of America*, **2017**, 129, 570-581	3.9	15
27	Gangdese culmination model: Oligocene-Miocene duplexing along the India-Asia suture zone, Lazi region, southern Tibet. *Bulletin of the Geological Society of America*, **2018**, 130, 1355-1376	3.9	15
26	Yardang geometries in the Qaidam Basin and their controlling factors. *Geomorphology*, **2017**, 299, 142-151	4.3	14
25	History of subduction erosion and accretion recorded in the Yarlung Suture Zone, southern Tibet. *Geological Society Special Publication*, **2019**, 483, 517-554	1.7	13
24	Controls on Yardang Development and Morphology: 1. Field Observations and Measurements at Ocotillo Wells, California. *Journal of Geophysical Research F: Earth Surface*, **2018**, 123, 694-722	3.8	13
23	. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2015**, 8, 4581-4591	4.7	13

22	Late Cenozoic evolution of the Lunggar extensional basin, Tibet: Implications for basin growth and exhumation in hinterland plateaus. *Bulletin of the Geological Society of America*, **2013**, 125, 343-358	3.9	13
21	Development of stratigraphically controlled, eolian-modified unconsolidated gravel surfaces and yardang fields in the wind-eroded Hami Basin, northwestern China. *Bulletin of the Geological Society of America*, **2018**, 130, 630-648	3.9	13
20	Northern Lhasa thrust belt of central Tibet: Evidence of Cretaceous–early Cenozoic shortening within a passive roof thrust system? **2014**,		11
19	The Alichur Dome, South Pamir, Western India–Asia Collisional Zone: Detailing the Neogene Shakhdara-Alichur Syn-collisional Gneiss-Dome Complex and Connection to Lithospheric Processes. *Tectonics*, **2020**, 39, e2019TC005735	4.3	10
18	A wind-albedo-wind feedback driven by landscape evolution. *Nature Communications*, **2020**, 11, 96	17.4	10
17	Evaluation of patient characteristics, management and outcomes for COVID-19 at district hospitals in the Western Cape, South Africa: descriptive observational study. *BMJ Open*, **2021**, 11, e047016	3	10
16	Cenozoic crustal extension in southeastern Arizona and implications for models of core-complex development. *Tectonophysics*, **2010**, 488, 174-190	3.1	9
15	Pre-Oxfordian (>163 Ma) Ophiolite Obduction in Central Tibet. *Geophysical Research Letters*, **2020**, 47, e2019GL086650	4.9	8
14	Mesozoic Subduction Accretion History in Central Tibet Constrained From Provenance Analysis of the Mugagangri Subduction Complex in the Bangong-Nujiang Suture Zone. *Tectonics*, **2020**, 39, e2020TC006144	4.3	8
13	A mid-Cretaceous change from fast to slow exhumation of the western Chinese Altai mountains: A climate driven exhumation signal?. *Journal of Asian Earth Sciences*, **2020**, 197, 104387	2.8	7
12	An exploration of the knowledge, attitudes and beliefs of Xhosa men concerning traditional circumcision. *African Journal of Primary Health Care and Family Medicine*, **2017**, 9, e1-e8	1.9	7
11	Episodic exhumation and related tectonic controlling during Mesozoic in the Eastern Tian Shan, Xinjiang, northwestern China. *Tectonophysics*, **2020**, 796, 228647	3.1	5
10	Structural setting and detrital zircon U-Pb geochronology of Triassic–Cenozoic strata in the eastern Central Pamir, Tajikistan. *Geological Society Special Publication*, **2019**, 483, 605-630	1.7	5
9	Reply to comment by W. Liu and B. Xia on "Age and geochemistry of western Hoh-Xil-Songpan-Ganzi granitoids, northern Tibet: Implications for the Mesozoic closure of the Paleo-Tethys ocean". *Lithos*, **2015**, 212-215, 457-461	2.9	4
8	Reply to comment by Z. Yi et al. on "Remagnetization of the Paleogene Tibetan Himalayan carbonate rocks in the Gamba area: Implications for reconstructing the lower plate in the India-Asia collision". *Journal of Geophysical Research: Solid Earth*, **2017**, 122, 4859-4863	3.6	4
7	Reply to comment by Ali and Aitchison on "Restoration of Cenozoic deformation in Asia, and the size of Greater India". *Tectonics*, **2012**, 31, n/a-n/a	4.3	4
6	Regional Exhumation and Tectonic History of the Shanxi Rift and Taihangshan, North China. *Tectonics*, **2021**, 40, e2020TC006416	4.3	3
5	Along-strike variations in crustal seismicity and modern lithospheric structure of the central Andean forearc **2015**,		2

4	Basin Response to Active Extension and Strike-Slip Deformation in the Hinterland of the Tibetan Plateau **2012**, 445-460		2
3	A Quantitative Model-Based Assessment of Stony Desert Landscape Evolution in the Hami Basin, China: Implications for Plio-Pleistocene Dust Production in Eastern Asia. *Geophysical Research Letters*, **2020**, 47, e2020GL090064	4.9	1
2	Climate as the Great Equalizer of Continental-Scale Erosion. *Geophysical Research Letters*, **2021**, 48, e2021GL095008	4.9	1
1	Hydrothermal events in the Linzizong Group: Implications for Paleogene exhumation and paleoaltimetry of the southern Tibetan Plateau. *Earth and Planetary Science Letters*, **2022**, 583, 117390	5.3	1