

# Paul A Kapp

## List of Publications by Year in descending order

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112  
papers

14,464  
citations

26610

56  
h-index

27389

106  
g-index

117  
all docs

117  
docs citations

117  
times ranked

5817  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geological records of the Lhasa-Qiangtang and Indo-Asian collisions in the Nima area of central Tibet. <i>Bulletin of the Geological Society of America</i> , 2007, 119, 917-933.	1.6	788
2	Cretaceous-Tertiary shortening, basin development, and volcanism in central Tibet. <i>Bulletin of the Geological Society of America</i> , 2005, 117, 865.	1.6	675
3	Detrital zircon geochronology of pre-Tertiary strata in the Tibetan-Himalayan orogen. <i>Tectonics</i> , 2011, 30, .	1.3	626
4	Cyclicity in Cordilleran orogenic systems. <i>Nature Geoscience</i> , 2009, 2, 251-257.	5.4	598
5	Wind erosion in the Qaidam basin, central Asia: Implications for tectonics, paleoclimate, and the source of the Loess Plateau. <i>GSA Today</i> , 2011, 21, 4-10.	1.1	593
6	Paleocene-Eocene record of ophiolite obduction and initial India-Asia collision, south central Tibet. <i>Tectonics</i> , 2005, 24, n/a-n/a.	1.3	523
7	Triassic continental subduction in central Tibet and Mediterranean-style closure of the Paleo-Tethys Ocean. <i>Geology</i> , 2008, 36, 351.	2.0	449
8	Mesozoic-Cenozoic geological evolution of the Himalayan-Tibetan orogen and working tectonic hypotheses. <i>Numerische Mathematik</i> , 2019, 319, 159-254.	0.7	408
9	Mesozoic and Cenozoic tectonic evolution of the Shiquanhe area of western Tibet. <i>Tectonics</i> , 2003, 22, n/a-n/a.	1.3	390
10	Paleocene-Eocene foreland basin evolution in the Himalaya of southern Tibet and Nepal: Implications for the age of initial India-Asia collision. <i>Tectonics</i> , 2014, 33, 824-849.	1.3	386
11	Tibetan basement rocks near Amdo reveal a missing Mesozoic tectonism along the Bangong suture, central Tibet. <i>Geology</i> , 2006, 34, 505.	2.0	372
12	Tectonic evolution of the early Mesozoic blueschist-bearing Qiangtang metamorphic belt, central Tibet. <i>Tectonics</i> , 2003, 22, n/a-n/a.	1.3	351
13	Blueschist-bearing metamorphic core complexes in the Qiangtang block reveal deep crustal structure of northern Tibet. <i>Geology</i> , 2000, 28, 19.	2.0	306
14	High and dry in central Tibet during the Late Oligocene. <i>Earth and Planetary Science Letters</i> , 2007, 253, 389-401.	1.8	287
15	Cenozoic structural and metamorphic evolution of the eastern Himalayan syntaxis (Namche Barwa). <i>Earth and Planetary Science Letters</i> , 2001, 192, 423-438.	1.8	284
16	Metamorphic rocks in central Tibet: Lateral variations and implications for crustal structure. <i>Bulletin of the Geological Society of America</i> , 2011, 123, 585-600.	1.6	229
17	Detrital zircon geochronology of Carboniferous-Cretaceous strata in the Lhasa terrane, Southern Tibet. <i>Basin Research</i> , 2007, 19, 361-378.	1.3	224
18	Palaeolatitude and age of the Indo-Asia collision: palaeomagnetic constraints. <i>Geophysical Journal International</i> , 2010, 182, 1189-1198.	1.0	224

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19	Restoration of Cenozoic deformation in Asia and the size of Greater India. <i>Tectonics</i> , 2011, 30, .	1.3	224
20	Qaidam Basin and northern Tibetan Plateau as dust sources for the Chinese Loess Plateau and paleoclimatic implications. <i>Geology</i> , 2011, 39, 1031-1034.	2.0	222
21	Provenance analysis of the Mesozoic Hohâ€Xilâ€Songpanâ€Ganzi turbidites in northern Tibet: Implications for the tectonic evolution of the eastern Paleoâ€Tethys Ocean. <i>Tectonics</i> , 2013, 32, 34-48.	1.3	221
22	Late Cretaceous to middle Tertiary basin evolution in the central Tibetan Plateau: Changing environments in response to tectonic partitioning, aridification, and regional elevation gain. <i>Bulletin of the Geological Society of America</i> , 2007, 119, 654-680.	1.6	219
23	Thermochronologic evidence for plateau formation in central Tibet by 45 Ma. <i>Geology</i> , 2012, 40, 187-190.	2.0	212
24	Oligocene-Miocene Kailas basin, southwestern Tibet: Record of postcollisional upper-plate extension in the Indus-Yarlung suture zone. <i>Bulletin of the Geological Society of America</i> , 2011, 123, 1337-1362.	1.6	203
25	Structural evolution of the Gurla Mandhata detachment system, southwest Tibet: Implications for the eastward extent of the Karakoram fault system. <i>Bulletin of the Geological Society of America</i> , 2002, 114, 428-447.	1.6	182
26	Petrogenesis of Middleâ€Late Triassic volcanic rocks from the Gangdese belt, southern Lhasa terrane: Implications for early subduction of Neo-Tethyan oceanic lithosphere. <i>Lithos</i> , 2016, 262, 320-333.	0.6	177
27	Cretaceousâ€Tertiary geology of the Gangdese Arc in the Linzhou area, southern Tibet. <i>Tectonophysics</i> , 2007, 433, 15-37.	0.9	174
28	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. <i>Tectonics</i> , 2003, 22, n/a-n/a.	1.3	173
29	The Gangdese retroarc thrust belt revealed. <i>GSA Today</i> , 2007, 17, 4.	1.1	173
30	Uâ€Pb geochronology of basement rocks in central Tibet and paleogeographic implications. <i>Journal of Asian Earth Sciences</i> , 2012, 43, 23-50.	1.0	171
31	Postcollisional calc-alkaline lavas and xenoliths from the southern Qiangtang terrane, central Tibet. <i>Earth and Planetary Science Letters</i> , 2007, 254, 28-38.	1.8	160
32	Southward propagation of the Karakoram fault system, southwest Tibet: Timing and magnitude of slip. <i>Geology</i> , 2000, 28, 451.	2.0	155
33	Nyainqentanglha Shan: A window into the tectonic, thermal, and geochemical evolution of the Lhasa block, southern Tibet. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	149
34	The late Miocene through present paleoelevation history of southwestern Tibet. <i>Numerische Mathematik</i> , 2009, 309, 1-42.	0.7	147
35	Significant late Neogene east-west extension in northern Tibet. <i>Geology</i> , 1999, 27, 787.	2.0	137
36	Development of active low-angle normal fault systems during orogenic collapse: Insight from Tibet. <i>Geology</i> , 2008, 36, 7.	2.0	134

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37	Lower Cretaceous Strata in the Lhasa Terrane, Tibet, with Implications for Understanding the Early Tectonic History of the Tibetan Plateau. <i>Journal of Sedimentary Research</i> , 2007, 77, 809-825.	0.8	133
38	Sedimentology, provenance and geochronology of the upper Cretaceous–lower Eocene western Xigaze forearc basin, southern Tibet. <i>Basin Research</i> , 2015, 27, 387-411.	1.3	130
39	Indian punch rifts Tibet. <i>Geology</i> , 2004, 32, 993.	2.0	129
40	Forearc hyperextension dismembered the south Tibetan ophiolites. <i>Geology</i> , 2015, 43, 475-478.	2.0	129
41	Cretaceous–Tertiary structural evolution of the north central Lhasa terrane, Tibet. <i>Tectonics</i> , 2007, 26, .	1.3	127
42	The Takena Formation of the Lhasa terrane, southern Tibet: The record of a Late Cretaceous retroarc foreland basin. <i>Bulletin of the Geological Society of America</i> , 2007, 119, 31-48.	1.6	124
43	Eolian cannibalism: Reworked loess and fluvial sediment as the main sources of the Chinese Loess Plateau. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 944-956.	1.6	123
44	Age and geochemistry of western Hoh-Xil–Songpan-Ganzi granitoids, northern Tibet: Implications for the Mesozoic closure of the Paleo-Tethys ocean. <i>Lithos</i> , 2014, 190-191, 328-348.	0.6	103
45	Lower Cretaceous Xigaze ophiolites formed in the Gangdese forearc: Evidence from paleomagnetism, sediment provenance, and stratigraphy. <i>Earth and Planetary Science Letters</i> , 2015, 415, 142-153.	1.8	100
46	Late Triassic paleogeographic reconstruction along the Neo–Tethyan Ocean margins, southern Tibet. <i>Earth and Planetary Science Letters</i> , 2016, 435, 105-114.	1.8	99
47	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.		87
48	Mesozoic to Cenozoic magmatic history of the Pamir. <i>Earth and Planetary Science Letters</i> , 2018, 482, 181-192.	1.8	85
49	Miocene burial and exhumation of the India-Asia collision zone in southern Tibet: Response to slab dynamics and erosion. <i>Geology</i> , 2014, 42, 443-446.	2.0	82
50	Resilience of the Asian atmospheric circulation shown by Paleogene dust provenance. <i>Nature Communications</i> , 2016, 7, 12390.	5.8	80
51	Wind as the primary driver of erosion in the Qaidam Basin, China. <i>Earth and Planetary Science Letters</i> , 2013, 374, 1-10.	1.8	78
52	Spatial and temporal radiogenic isotopic trends of magmatism in Cordilleran orogens. <i>Gondwana Research</i> , 2017, 48, 189-204.	3.0	73
53	Stable isotopic results from paleosol carbonate in South Asia: Paleoenvironmental reconstructions and selective alteration. <i>Earth and Planetary Science Letters</i> , 2009, 279, 242-254.	1.8	72
54	Climatic and tectonic controls on sedimentation and erosion during the Pliocene-Quaternary in the Qaidam Basin (China). <i>Bulletin of the Geological Society of America</i> , 2013, 125, 833-856.	1.6	72

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55	Gangdese retroarc thrust belt and foreland basin deposits in the Damxung area, southern Tibet. <i>Journal of Asian Earth Sciences</i> , 2008, 33, 323-336.	1.0	64
56	Range-front fault scarps of the Sierra El Mayor, Baja California: Formed above an active low-angle normal fault?. <i>Geology</i> , 1999, 27, 247.	2.0	63
57	Southern Tibetan Oligocene–Miocene adakites: A record of Indian slab tearing. <i>Lithos</i> , 2014, 210-211, 209-223.	0.6	62
58	Influence of pre-Andean crustal structure on Cenozoic thrust belt kinematics and shortening magnitude: Northwestern Argentina. , 2013, 9, 1766-1782.		57
59	Metamorphism of the Amdo metamorphic complex, Tibet: implications for the Jurassic tectonic evolution of the Bangong suture zone. <i>Journal of Metamorphic Geology</i> , 2013, 31, 705-727.	1.6	53
60	Paleolatitudes of the Tibetan Himalaya from primary and secondary magnetizations of Jurassic to Lower Cretaceous sedimentary rocks. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 77-100.	1.0	51
61	Along-strike diachroneity in deposition of the Kailas Formation in central southern Tibet: Implications for Indian slab dynamics. , 2016, 12, 1198-1223.		51
62	The disappearance of a Late Jurassic remnant sea in the southern Qiangtang Block (Shamuluo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46. <i>Palaeoclimatology, Palaeoecology</i> , 2018, 506, 30-47.	1.0	51
63	What was the Paleogene latitude of the Lhasa terrane? A reassessment of the geochronology and paleomagnetism of Linzizong volcanic rocks (Linzhou basin, Tibet). <i>Tectonics</i> , 2015, 34, 594-622.	1.3	50
64	Evidence for constriction and Pliocene acceleration of east–west extension in the North Lunggar rift region of west central Tibet. <i>Tectonics</i> , 2013, 32, 1454-1479.	1.3	49
65	Tectonic evolution of the Yarlung suture zone, Lopu Range region, southern Tibet. <i>Tectonics</i> , 2017, 36, 108-136.	1.3	49
66	Basin formation in the High Himalaya by arc-parallel extension and tectonic damming: Zhada basin, southwestern Tibet. <i>Tectonics</i> , 2010, 29, n/a-n/a.	1.3	47
67	Remagnetization of the Paleogene Tibetan Himalayan carbonate rocks in the Gamba area: Implications for reconstructing the lower plate in the India–Asia collision. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 808-825.	1.4	47
68	Tibetan Magmatism Database. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 4229-4234.	1.0	46
69	Phase–equilibrium constraints on titanite and rutile activities in mafic epidote amphibolites and geobarometry using titanite–rutile equilibria. <i>Journal of Metamorphic Geology</i> , 2009, 27, 509-521.	1.6	45
70	From dust to dust: Quaternary wind erosion of the Mu Us Desert and Loess Plateau, China. <i>Geology</i> , 2015, 43, 835-838.	2.0	39
71	Can a primary remanence be retrieved from partially remagnetized Eocene volcanic rocks in the Namulin Basin (southern Tibet) to date the India–Asia collision?. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 42-66.	1.4	38
72	Cyclical orogenic processes in the Cenozoic central Andes. , 2015, , .		37

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73	High-pressure Tethyan Himalaya rocks along the India-Asia suture zone in southern Tibet. <i>Lithosphere</i> , 2016, 8, 574-582.	0.6	37
74	The Yarlung suture mélange, Lopu Range, southern Tibet: Provenance of sandstone blocks and transition from oceanic subduction to continental collision. <i>Gondwana Research</i> , 2017, 48, 15-33.	3.0	36
75	Cenozoic anatexis and exhumation of Tethyan Sequence rocks in the Xiao Gurla Range, Southwest Tibet. <i>Tectonophysics</i> , 2011, 501, 28-40.	0.9	35
76	Resetting Southern Tibet: The serious challenge of obtaining primary records of Paleothermometry. <i>Global and Planetary Change</i> , 2020, 191, 103194.	1.6	35
77	Exhumation history of the north-central Shanxi Rift, North China, revealed by low-temperature thermochronology. <i>Earth and Planetary Science Letters</i> , 2020, 536, 116146.	1.8	34
78	Cretaceous shortening and exhumation history of the South Pamir terrane. <i>Lithosphere</i> , 2018, 10, 494-511.	0.6	32
79	Evaluation of patient characteristics, management and outcomes for COVID-19 at district hospitals in the Western Cape, South Africa: descriptive observational study. <i>BMJ Open</i> , 2021, 11, e047016.	0.8	32
80	Major Miocene exhumation by fault-propagation folding within a metamorphosed, early Paleozoic thrust belt: Northwestern Argentina. <i>Tectonics</i> , 2012, 31, .	1.3	31
81	Gangdese culmination model: Oligocene-Miocene duplexing along the India-Asia suture zone, Lazi region, southern Tibet. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 1355-1376.	1.6	31
82	Earliest Cretaceous accretion of Neo-Tethys oceanic subduction along the Yarlung Zangbo Suture Zone, Sangsang area, southern Tibet. <i>Tectonophysics</i> , 2018, 744, 373-389.	0.9	30
83	Structural style and kinematics of the Taihang-Luliangshan fold belt, North China: Implications for the Yanshanian orogeny. <i>Lithosphere</i> , 2019, 11, 767-783.	0.6	29
84	Mesozoic tectonic history and lithospheric structure of the Qiangtang terrane: Insights from the Qiangtang metamorphic belt, central Tibet. , 2014, , .		28
85	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. <i>Tectonics</i> , 2020, 39, e2019TC005735.	1.3	27
86	Birth, life, and demise of the Andean-syn-collisional Gissar arc: Late Paleozoic tectono-magmatic-metamorphic evolution of the southwestern Tian Shan, Tajikistan. <i>Tectonics</i> , 2017, 36, 1861-1912.	1.3	26
87	Late Cenozoic evolution of the Lunggar extensional basin, Tibet: Implications for basin growth and exhumation in hinterland plateaus. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 343-358.	1.6	23
88	Tectonic and erosional history of southern Tibet recorded by detrital chronological signatures along the Yarlung River drainage. <i>Bulletin of the Geological Society of America</i> , 2017, 129, 570-581.	1.6	22
89	History of subduction erosion and accretion recorded in the Yarlung Suture Zone, southern Tibet. <i>Geological Society Special Publication</i> , 2019, 483, 517-554.	0.8	22
90	Regional Exhumation and Tectonic History of the Shanxi Rift and Taihangshan, North China. <i>Tectonics</i> , 2021, 40, e2020TC006416.	1.3	22

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91	Mesozoic Subduction Accretion History in Central Tibet Constrained From Provenance Analysis of the Muganggri Subduction Complex in the Bangonggê-Nujiang Suture Zone. <i>Tectonics</i> , 2020, 39, e2020TC006144.	1.3	19
92	Pre-Oxfordian (>163Ma) Ophiolite Obduction in Central Tibet. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086650.	1.5	19
93	Yardang geometries in the Qaidam Basin and their controlling factors. <i>Geomorphology</i> , 2017, 299, 142-151.	1.1	18
94	Episodic exhumation and related tectonic controlling during Mesozoic in the Eastern Tian Shan, Xinjiang, northwestern China. <i>Tectonophysics</i> , 2020, 796, 228647.	0.9	18
95	Northern Lhasa thrust belt of central Tibet: Evidence of Cretaceous "early Cenozoic shortening within a passive roof thrust system? . , 2014, , .		17
96	Controls on Yardang Development and Morphology: 1. Field Observations and Measurements at Ocotillo Wells, California. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 694-722.	1.0	17
97	Development of stratigraphically controlled, eolian-modified unconsolidated gravel surfaces and yardang fields in the wind-eroded Hami Basin, northwestern China. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 630-648.	1.6	16
98	Climate as the Great Equalizer of Continental Scale Erosion. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095008.	1.5	16
99	Cenozoic crustal extension in southeastern Arizona and implications for models of core-complex development. <i>Tectonophysics</i> , 2010, 488, 174-190.	0.9	15
100	Structural Analysis of the Hero Range in the Qaidam Basin, Northwestern China, Using Integrated UAV, Terrestrial LiDAR, Landsat 8, and 3-D Seismic Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 4581-4591.	2.3	15
101	A wind-albedo-wind feedback driven by landscape evolution. <i>Nature Communications</i> , 2020, 11, 96.	5.8	13
102	An exploration of the knowledge, attitudes and beliefs of Xhosa men concerning traditional circumcision. <i>African Journal of Primary Health Care and Family Medicine</i> , 2017, 9, e1-e8.	0.3	12
103	Structural setting and detrital zircon U-Pb geochronology of Triassic-Cenozoic strata in the eastern Central Pamir, Tajikistan. <i>Geological Society Special Publication</i> , 2019, 483, 605-630.	0.8	12
104	A mid-Cretaceous change from fast to slow exhumation of the western Chinese Altai mountains: A climate driven exhumation signal?. <i>Journal of Asian Earth Sciences</i> , 2020, 197, 104387.	1.0	10
105	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". <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 4859-4863.	1.4	6
106	Hydrothermal events in the Linzizong Group: Implications for Paleogene exhumation and paleoaltimetry of the southern Tibetan Plateau. <i>Earth and Planetary Science Letters</i> , 2022, 583, 117390.	1.8	6
107	Where did the Arizona-Plano Go? Protracted Thinning Via Upper-to Lower-Crustal Processes. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	5
108	Reply to comment by Ali and Aitchison on "Restoration of Cenozoic deformation in Asia, and the size of Greater India". <i>Tectonics</i> , 2012, 31, .	1.3	4

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109	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.	0.6	4
110	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.	1.5	4
111	Along-strike variations in crustal seismicity and modern lithospheric structure of the central Andean forearc. , 2015, , .		3
112	Development of active low-angle normal fault systems during orogenic collapse: Insight from Tibet. Geology, 2008, 36, 336.	2.0	1