# Paul A Kapp

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 112 papers | 14,464 citations | 26630 56 h-index | 27406 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. Bulletin of the Geological Society of America, 2007, 119, 917-933. | 3.3 | 788 |
| 2 | Cretaceous-Tertiary shortening, basin development, and volcanism in central Tibet. Bulletin of the Geological Society of America, 2005, 117, 865. | 3.3 | 675 |
| 3 | Detrital zircon geochronology of preâ€Tertiary strata in the Tibetanâ€Himalayan orogen. Tectonics, 2011, 30, . | 2.8 | 626 |
| 4 | Cyclicity in Cordilleran orogenic systems. Nature Geoscience, 2009, 2, 251-257. | 12.9 | 598 |
| 5 | 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. | 2.0 | 593 |
| 6 | Paleocene-Eocene record of ophiolite obduction and initial India-Asia collision, south central Tibet. Tectonics, 2005, 24, n/a-n/a. | 2.8 | 523 |
| 7 | Triassic continental subduction in central Tibet and Mediterranean-style closure of the Paleo-Tethys Ocean. Geology, 2008, 36, 351. | 4.4 | 449 |
| 8 | Mesozoicâ€"Cenozoic geological evolution of the Himalayan-Tibetan orogen and working tectonic hypotheses. Numerische Mathematik, 2019, 319, 159-254. | 1.4 | 408 |
| 9 | Mesozoic and Cenozoic tectonic evolution of the Shiquanhe area of western Tibet. Tectonics, 2003, 22, n/a-n/a. | 2.8 | 390 |
| 10 | Paleoceneâ€Eocene foreland basin evolution in the Himalaya of southern Tibet and Nepal: Implications for the age of initial Indiaâ€Asia collision. Tectonics, 2014, 33, 824-849. | 2.8 | 386 |
| 11 | Tibetan basement rocks near Amdo reveal â€œmissingâ€• Mesozoic tectonism along the Bangong suture, central Tibet. Geology, 2006, 34, 505. | 4.4 | 372 |
| 12 | Tectonic evolution of the early Mesozoic blueschist-bearing Qiangtang metamorphic belt, central Tibet. Tectonics, 2003, 22, n/a-n/a. | 2.8 | 351 |
| 13 | Blueschist-bearing metamorphic core complexes in the Qiangtang block reveal deep crustal structure of northern Tibet. Geology, 2000, 28, 19. | 4.4 | 306 |
| 14 | High and dry in central Tibet during the Late Oligocene. Earth and Planetary Science Letters, 2007, 253, 389-401. | 4.4 | 287 |
| 15 | Cenozoic structural and metamorphic evolution of the eastern Himalayan syntaxis (Namche Barwa). Earth and Planetary Science Letters, 2001, 192, 423-438. | 4.4 | 284 |
| 16 | Metamorphic rocks in central Tibet: Lateral variations and implications for crustal structure. Bulletin of the Geological Society of America, 2011, 123, 585-600. | 3.3 | 229 |
| 17 | Detrital zircon geochronology of Carboniferousâ€"Cretaceous strata in the Lhasa terrane, Southern Tibet. Basin Research, 2007, 19, 361-378. | 2.7 | 224 |
| 18 | Palaeolatitude and age of the Indo-Asia collision: palaeomagnetic constraints. Geophysical Journal International, 2010, 182, 1189-1198. | 2.4 | 224 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Restoration of Cenozoic deformation in Asia and the size of Greater India. Tectonics, 2011, 30, . | 2.8 | 224 |
| 20 | Qaidam Basin and northern Tibetan Plateau as dust sources for the Chinese Loess Plateau and paleoclimatic implications. Geology, 2011, 39, 1031-1034. | 4.4 | 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. Tectonics, 2013, 32, 34-48. | 2.8 | 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. Bulletin of the Geological Society of America, 2007, 119, 654-680. | 3.3 | 219 |
| 23 | Thermochronologic evidence for plateau formation in central Tibet by 45 Ma. Geology, 2012, 40, 187-190. | 4.4 | 212 |
| 24 | 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. | 3.3 | 203 |
| 25 | 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. | 3.3 | 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. Lithos, 2016, 262, 320-333. | 1.4 | 177 |
| 27 | Cretaceousâ€"Tertiary geology of the Gangdese Arc in the Linzhou area, southern Tibet. Tectonophysics, 2007, 433, 15-37. | 2.2 | 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. Tectonics, 2003, 22, n/a-n/a. | 2.8 | 173 |
| 29 | The Gangdese retroarc thrust belt revealed. GSA Today, 2007, 17, 4. | 2.0 | 173 |
| 30 | Uâ€"Pb geochronology of basement rocks in central Tibet and paleogeographic implications. Journal of Asian Earth Sciences, 2012, 43, 23-50. | 2.3 | 171 |
| 31 | Postcollisional calc-alkaline lavas and xenoliths from the southern Qiangtang terrane, central Tibet. Earth and Planetary Science Letters, 2007, 254, 28-38. | 4.4 | 160 |
| 32 | Southward propagation of the Karakoram fault system, southwest Tibet: Timing and magnitude of slip. Geology, 2000, 28, 451. | 4.4 | 155 |
| 33 | Nyainqentanglha Shan: A window into the tectonic, thermal, and geochemical evolution of the Lhasa block, southern Tibet. Journal of Geophysical Research, 2005, 110, . | 3.3 | 149 |
| 34 | The late Miocene through present paleoelevation history of southwestern Tibet. Numerische Mathematik, 2009, 309, 1-42. | 1.4 | 147 |
| 35 | Significant late Neogene east-west extension in northern Tibet. Geology, 1999, 27, 787. | 4.4 | 137 |
| 36 | Development of active low-angle normal fault systems during orogenic collapse: Insight from Tibet. Geology, 2008, 36, 7. | 4.4 | 134 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | 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. | 1.6 | 133 |
| 38 | Sedimentology, provenance and geochronology of the upper Cretaceousâ€“lower Eocene western Xigaze forearc basin, southern Tibet. Basin Research, 2015, 27, 387-411. | 2.7 | 130 |
| 39 | Indian punch rifts Tibet. Geology, 2004, 32, 993. | 4.4 | 129 |
| 40 | Forearc hyperextension dismembered the south Tibetan ophiolites. Geology, 2015, 43, 475-478. | 4.4 | 129 |
| 41 | Cretaceousâ€Tertiary structural evolution of the north central Lhasa terrane, Tibet. Tectonics, 2007, 26, . | 2.8 | 127 |
| 42 | 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. | 3.3 | 124 |
| 43 | 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. | 3.3 | 123 |
| 44 | Age and geochemistry of western Hoh-Xilâ€“Songpan-Ganzi granitoids, northern Tibet: Implications for the Mesozoic closure of the Paleo-Tethys ocean. Lithos, 2014, 190-191, 328-348. | 1.4 | 103 |
| 45 | 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. | 4.4 | 100 |
| 46 | Late Triassic paleogeographic reconstruction along the Neoâ€“Tethyan Ocean margins, southern Tibet. Earth and Planetary Science Letters, 2016, 435, 105-114. | 4.4 | 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. Earth and Planetary Science Letters, 2018, 482, 181-192. | 4.4 | 85 |
| 49 | Miocene burial and exhumation of the India-Asia collision zone in southern Tibet: Response to slab dynamics and erosion. Geology, 2014, 42, 443-446. | 4.4 | 82 |
| 50 | Resilience of the Asian atmospheric circulation shown by Paleogene dust provenance. Nature Communications, 2016, 7, 12390. | 12.8 | 80 |
| 51 | Wind as the primary driver of erosion in the Qaidam Basin, China. Earth and Planetary Science Letters, 2013, 374, 1-10. | 4.4 | 78 |
| 52 | Spatial and temporal radiogenic isotopic trends of magmatism in Cordilleran orogens. Gondwana Research, 2017, 48, 189-204. | 6.0 | 73 |
| 53 | Stable isotopic results from paleosol carbonate in South Asia: Paleoenvironmental reconstructions and selective alteration. Earth and Planetary Science Letters, 2009, 279, 242-254. | 4.4 | 72 |
| 54 | 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. | 3.3 | 72 |

| # | Article | IF | Citations |
| --- | --- | --- | --- |
| 55 | Gangdese retroarc thrust belt and foreland basin deposits in the Damxung area, southern Tibet. Journal of Asian Earth Sciences, 2008, 33, 323-336. | 2.3 | 64 |
| 56 | Range-front fault scarps of the Sierra El Mayor, Baja California: Formed above an active low-angle normal fault?. Geology, 1999, 27, 247. | 4.4 | 63 |
| 57 | Southern Tibetan Oligoceneâ€“Miocene adakites: A record of Indian slab tearing. Lithos, 2014, 210-211, 209-223. | 1.4 | 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, <scp>T</scp>ibet: implications for the Jurassic tectonic evolution of the Bangong suture zone. Journal of Metamorphic Geology, 2013, 31, 705-727. | 3.4 | 53 |
| 60 | Paleolatitudes of the <scp>T</scp>ibetan <scp>H</scp>imalaya from primary and secondary magnetizations of <scp>J</scp>urassic to <scp>L</scp>ower <scp>C</scp>retaceous sedimentary rocks. Geochemistry, Geophysics, Geosystems, 2015, 16, 77-100. | 2.5 | 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 Palaeoclimatology, Palaeoecology, 2018, 506, 30-47. | 2.3 | 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). Tectonics, 2015, 34, 594-622. | 2.8 | 50 |
| 64 | Evidence for constriction and Pliocene acceleration of eastâ€west extension in the North Lunggar rift region of west central Tibet. Tectonics, 2013, 32, 1454-1479. | 2.8 | 49 |
| 65 | Tectonic evolution of the Yarlung suture zone, Lopu Range region, southern Tibet. Tectonics, 2017, 36, 108-136. | 2.8 | 49 |
| 66 | Basin formation in the High Himalaya by arc-parallel extension and tectonic damming: Zhada basin, southwestern Tibet. Tectonics, 2010, 29, n/a-n/a. | 2.8 | 47 |
| 67 | Remagnetization of the Paleogene Tibetan Himalayan carbonate rocks in the Gamba area: Implications for reconstructing the lower plate in the Indiaâ€Asia collision. Journal of Geophysical Research: Solid Earth, 2017, 122, 808-825. | 3.4 | 47 |
| 68 | Tibetan Magmatism Database. Geochemistry, Geophysics, Geosystems, 2017, 18, 4229-4234. | 2.5 | 46 |
| 69 | Phaseâ€equilibrium constraints on titanite and rutile activities in mafic epidote amphibolites and geobarometry using titaniteâ€“rutile equilibria. Journal of Metamorphic Geology, 2009, 27, 509-521. | 3.4 | 45 |
| 70 | From dust to dust: Quaternary wind erosion of the Mu Us Desert and Loess Plateau, China. Geology, 2015, 43, 835-838. | 4.4 | 39 |
| 71 | Can a primary remanence be retrieved from partially remagnetized Eocence volcanic rocks in the Nanmulin Basin (southern Tibet) to date the Indiaâ€Asia collision?. Journal of Geophysical Research: Solid Earth, 2015, 120, 42-66. | 3.4 | 38 |
| 72 | Cyclical orogenic processes in the Cenozoic central Andes. , 2015, , . | | 37 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | High-pressure Tethyan Himalaya rocks along the India-Asia suture zone in southern Tibet. Lithosphere, 2016, 8, 574-582. | 1.4 | 37 |
| 74 | The Yarlung suture mÃ©lange, Lopu Range, southern Tibet: Provenance of sandstone blocks and transition from oceanic subduction to continental collision. Gondwana Research, 2017, 48, 15-33. | 6.0 | 36 |
| 75 | Cenozoic anatexis and exhumation of Tethyan Sequence rocks in the Xiao Gurla Range, Southwest Tibet. Tectonophysics, 2011, 501, 28-40. | 2.2 | 35 |
| 76 | Resetting Southern Tibet: The serious challenge of obtaining primary records of Paleoaltimetry. Global and Planetary Change, 2020, 191, 103194. | 3.5 | 35 |
| 77 | Exhumation history of the north-central Shanxi Rift, North China, revealed by low-temperature thermochronology. Earth and Planetary Science Letters, 2020, 536, 116146. | 4.4 | 34 |
| 78 | Cretaceous shortening and exhumation history of the South Pamir terrane. Lithosphere, 2018, 10, 494-511. | 1.4 | 32 |
| 79 | 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. | 1.9 | 32 |
| 80 | Major Miocene exhumation by faultâ€propagation folding within a metamorphosed, early Paleozoic thrust belt: Northwestern Argentina. Tectonics, 2012, 31, . | 2.8 | 31 |
| 81 | Gangdese culmination model: Oligoceneâ€"Miocene duplexing along the India-Asia suture zone, Lazi region, southern Tibet. Bulletin of the Geological Society of America, 2018, 130, 1355-1376. | 3.3 | 31 |
| 82 | Earliest Cretaceous accretion of Neo-Tethys oceanic subduction along the Yarlung Zangbo Suture Zone, Sangsang area, southern Tibet. Tectonophysics, 2018, 744, 373-389. | 2.2 | 30 |
| 83 | Structural style and kinematics of the Taihang-Luliangshan fold belt, North China: Implications for the Yanshanian orogeny. Lithosphere, 2019, 11, 767-783. | 1.4 | 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 Indiaâ€"Asia Collisional Zone: Detailing the Neogene Shakhdaraâ€"Alichur Synâ€collisional Gneissâ€Dome Complex and Connection to Lithospheric Processes. Tectonics, 2020, 39, e2019TC005735. | 2.8 | 27 |
| 86 | Birth, life, and demise of the Andeanâ€"synâ€collisional Gissar arc: Late Paleozoic tectonoâ€magmaticâ€metamorphic evolution of the southwestern Tian Shan, Tajikistan. Tectonics, 2017, 36, 1861-1912. | 2.8 | 26 |
| 87 | 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. | 3.3 | 23 |
| 88 | 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. | 3.3 | 22 |
| 89 | History of subduction erosion and accretion recorded in the Yarlung Suture Zone, southern Tibet. Geological Society Special Publication, 2019, 483, 517-554. | 1.3 | 22 |
| 90 | Regional Exhumation and Tectonic History of the Shanxi Rift and Taihangshan, North China. Tectonics, 2021, 40, e2020TC006416. | 2.8 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Mesozoic Subduction Accretion History in Central Tibet Constrained From Provenance Analysis of the Mugagangri Subduction Complex in the Bangongâ€Nujiang Suture Zone. Tectonics, 2020, 39, e2020TC006144. | 2.8 | 19 |
| 92 | Preâ€Oxfordian (>163ÂMa) Ophiolite Obduction in Central Tibet. Geophysical Research Letters, 2020, 47, e2019GL086650. | 4.0 | 19 |
| 93 | Yardang geometries in the Qaidam Basin and their controlling factors. Geomorphology, 2017, 299, 142-151. | 2.6 | 18 |
| 94 | Episodic exhumation and related tectonic controlling during Mesozoic in the Eastern Tian Shan, Xinjiang, northwestern China. Tectonophysics, 2020, 796, 228647. | 2.2 | 18 |
| 95 | Northern Lhasa thrust belt of central Tibet: Evidence of Cretaceousâ€"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. Journal of Geophysical Research F: Earth Surface, 2018, 123, 694-722. | 2.8 | 17 |
| 97 | 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. | 3.3 | 16 |
| 98 | Climate as the Great Equalizer of Continentalâ€Scale Erosion. Geophysical Research Letters, 2021, 48, e2021GL095008. | 4.0 | 16 |
| 99 | Cenozoic crustal extension in southeastern Arizona and implications for models of core-complex development. Tectonophysics, 2010, 488, 174-190. | 2.2 | 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. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 4581-4591. | 4.9 | 15 |
| 101 | A wind-albedo-wind feedback driven by landscape evolution. Nature Communications, 2020, 11, 96. | 12.8 | 13 |
| 102 | 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. | 0.8 | 12 |
| 103 | Structural setting and detrital zircon Uâ€"Pb geochronology of Triassicâ€"Cenozoic strata in the eastern Central Pamir, Tajikistan. Geological Society Special Publication, 2019, 483, 605-630. | 1.3 | 12 |
| 104 | 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. | 2.3 | 10 |
| 105 | Reply to comment by Z. Yi et al. on â€œRemagnetization of the Paleogene Tibetan Himalayan carbonate rocks in the Gamba area: Implications for reconstructing the lower plate in the Indiaâ€Asia collisionâ€. Journal of Geophysical Research: Solid Earth, 2017, 122, 4859-4863. | 3.4 | 6 |
| 106 | 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. | 4.4 | 6 |
| 107 | Where did the Arizonaâ€Plano Go? Protracted Thinning Via Upperâ€•to Lowerâ€Crustal Processes. Journal of Geophysical Research: Solid Earth, 2022, 127, . | 3.4 | 5 |
| 108 | Reply to comment by Ali and Aitchison on â€œRestoration of Cenozoic deformation in Asia, and the size of Greater Indiaâ€. Tectonics, 2012, 31, . | 2.8 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Reply to comment by W. Liu and B. Xia on â€œAge and geochemistry of western Hoh-Xil-Songpan-Ganzi granitoids, northern Tibet: Implications for the Mesozoic closure of the Paleo-Tethys oceanâ€. Lithos, 2015, 212-215, 457-461. | 1.4 | 4 |
| 110 | A Quantitative Modelâ€Based Assessment of Stony Desert Landscape Evolution in the Hami Basin, China: Implications for Plioâ€Pleistocene Dust Production in Eastern Asia. Geophysical Research Letters, 2020, 47, e2020GL090064. | 4.0 | 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. | 4.4 | 1 |