

Andrew V Zuza

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49
papers

973
citations

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h-index

30
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74
ext. papers

1,450
ext. citations

3.8
avg, IF

4.94
L-index

#	Paper	IF	Citations
49	Testing models of Tibetan Plateau formation with Cenozoic shortening estimates across the Qilian Shan-Nan Shan thrust belt 2016 , 12, 501-532		114
48	Pre-Cenozoic geologic history of the central and northern Tibetan Plateau and the role of Wilson cycles in constructing the Tethyan orogenic system. <i>Lithosphere</i> , 2016 , 8, 254-292	2.7	95
47	Tectonic evolution of the Qilian Shan: An early Paleozoic orogen reactivated in the Cenozoic. <i>Bulletin of the Geological Society of America</i> , 2018 , 130, 881-925	3.9	87
46	Continental deformation accommodated by non-rigid passive bookshelf faulting: An example from the Cenozoic tectonic development of northern Tibet. <i>Tectonophysics</i> , 2016 , 677-678, 227-240	3.1	64
45	Tectonic development of the northeastern Tibetan Plateau as constrained by high-resolution deep seismic-reflection data. <i>Lithosphere</i> , 2013 , 5, 555-574	2.7	60
44	Cenozoic cooling history of the North Qilian Shan, northern Tibetan Plateau, and the initiation of the Haiyuan fault: Constraints from apatite- and zircon-fission track thermochronology. <i>Tectonophysics</i> , 2019 , 751, 109-124	3.1	52
43	Underthrusting and duplexing beneath the northern Tibetan Plateau and the evolution of the Himalayan-Tibetan orogen. <i>Lithosphere</i> , 2019 , 11, 209-231	2.7	48
42	Tectonics of the Eastern Kunlun Range: Cenozoic Reactivation of a Paleozoic-Early Mesozoic Orogen. <i>Tectonics</i> , 2019 , 38, 1609-1650	4.3	44
41	Balkatach hypothesis: A new model for the evolution of the Pacific, Tethyan, and Paleo-Asian oceanic domains 2017 , 13, 1664-1712		39
40	Spacing and strength of active continental strike-slip faults. <i>Earth and Planetary Science Letters</i> , 2017 , 457, 49-62	5.3	32
39	Mesozoic-Cenozoic evolution of the Eastern Kunlun Range, central Tibet, and implications for basin evolution during the Indo-Asian collision. <i>Lithosphere</i> , 2019 , 11, 524-550	2.7	31
38	A 1.9-Ga Mlange Along the Northern Margin of the North China Craton: Implications for the Assembly of Columbia Supercontinent. <i>Tectonics</i> , 2018 , 37, 3610-3646	4.3	27
37	The relationship between magma and mineralization in Chaobuleng iron polymetallic deposit, Inner Mongolia. <i>Gondwana Research</i> , 2017 , 45, 228-253	5.1	22
36	Cenozoic multi-phase deformation in the Qilian Shan and out-of-sequence development of the northern Tibetan Plateau. <i>Tectonophysics</i> , 2020 , 782-783, 228423	3.1	21
35	West-directed thrusting south of the eastern Himalayan syntaxis indicates clockwise crustal flow at the indenter corner during the India-Asia collision. <i>Tectonophysics</i> , 2018 , 722, 277-285	3.1	20
34	Key driving factors of selenium-enriched soil in the low-Se geological belt: A case study in Red Beds of Sichuan Basin, China. <i>Catena</i> , 2021 , 196, 104926	5.8	18
33	Structural and Tectonic Framework of the Qilian Shan-Nan Shan Thrust belt, Northeastern Tibetan Plateau. <i>Acta Geologica Sinica</i> , 2013 , 87, 1-111	0.7	16

32	Structural analysis and tectonic evolution of the western domain of the Eastern Kunlun Range, northwest Tibet. <i>Bulletin of the Geological Society of America</i> , 2020 , 132, 1291-1315	3.9	15
31	Geochronology and geochemistry of Neoproterozoic granitoids in the central Qilian Shan of northern Tibet: Reconstructing the amalgamation processes and tectonic history of Asia. <i>Lithosphere</i> , 2017 , L640.1	2.7	12
30	Mechanics of evenly spaced strike-slip faults and its implications for the formation of tiger-stripe fractures on Saturn's moon Enceladus. <i>Icarus</i> , 2016 , 266, 204-216	3.8	12
29	Late Pliocene onset of the Cona rift, eastern Himalaya, confirms eastward propagation of extension in Himalayan-Tibetan orogen. <i>Earth and Planetary Science Letters</i> , 2020 , 544, 116383	5.3	11
28	Cenozoic cooling history and fluvial terrace development of the western domain of the Eastern Kunlun Range, northern Tibet. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020 , 560, 109971	2.9	10
27	Crustal tilting and differential exhumation of Gangdese Batholith in southern Tibet revealed by bedrock pressures. <i>Earth and Planetary Science Letters</i> , 2020 , 543, 116347	5.3	8
26	Diachronous uplift in intra-continental orogeny: 2D thermo-mechanical modeling of the India-Asia collision. <i>Tectonophysics</i> , 2020 , 775, 228310	3.1	8
25	Geologic field evidence for non-lithostatic overpressure recorded in the North American Cordillera hinterland, northeast Nevada. <i>Geoscience Frontiers</i> , 2020 , 101099	6	7
24	Permian plume-strengthened Tarim lithosphere controls the Cenozoic deformation pattern of the Himalayan-Tibetan orogen. <i>Geology</i> , 2021 , 49, 96-100	5	7
23	Accommodation of India-Asia convergence via strike-slip faulting and block rotation in the Qilian Shan fold-thrust belt, northern margin of the Tibetan Plateau. <i>Journal of the Geological Society</i> , 2021 , 178, jgs2020-207	2.7	7
22	What can strike-slip fault spacing tell us about the plate boundary of western North America?. <i>Terra Nova</i> , 2018 , 30, 105-113	3	7
21	Hydrothermal circulation cools continental crust under exhumation. <i>Earth and Planetary Science Letters</i> , 2019 , 515, 248-259	5.3	6
20	Seismogenic thickness of California: Implications for thermal structure and seismic hazard. <i>Tectonophysics</i> , 2020 , 782-783, 228426	3.1	6
19	Structural and Thermochronologic Constraints on the Cenozoic Tectonic Development of the Northern Indo-Burma Ranges. <i>Tectonics</i> , 2020 , 39, e2020TC006231	4.3	6
18	Late Mesozoic-Cenozoic cooling history of the northeastern Tibetan Plateau and its foreland derived from low-temperature thermochronology. <i>Bulletin of the Geological Society of America</i> ,	3.9	6
17	Late Cretaceous to Early Cenozoic extension in the Lower Yangtze region (East China) driven by Izanagi-Pacific plate subduction. <i>Earth-Science Reviews</i> , 2021 , 221, 103790	10.2	6
16	Diachronous Growth of the Northern Tibetan Plateau Derived From Flexural Modeling. <i>Geophysical Research Letters</i> , 2021 , 48, e2020GL092346	4.9	5
15	Pre-cenozoic evolution of the northern Qilian Orogen from zircon geochronology: Framework for early growth of the northern Tibetan Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021 , 562, 110091	2.9	5

14	Punctuated Orogeny During the Assembly of Asia: Tectonostratigraphic Evolution of the North China Craton and the Qilian Shan From the Paleoproterozoic to Early Paleozoic. <i>Tectonics</i> , 2021 , 40, e20201C006503	4.3	4
13	Superposition of Cretaceous and Cenozoic deformation in northern Tibet: A far-field response to the tectonic evolution of the Tethyan orogenic system. <i>Bulletin of the Geological Society of America</i> , 2021 , 133, 1105-1127	3.9	4
12	Early Permian tectonic evolution of the Last Chance thrust system: An example of induced subduction initiation along a plate boundary transform. <i>Bulletin of the Geological Society of America</i> , 2021 , 133, 1105-1127	3.9	4
11	Magnetostratigraphic ages of the Cenozoic Weihe and Shanxi Grabens in North China and their tectonic implications. <i>Tectonophysics</i> , 2021 , 813, 228914	3.1	4
10	Footwall Rotation in a Regional Detachment Fault System: Evidence for Horizontal-Axis Rotational Flow in the Miocene Searchlight Pluton, NV. <i>Tectonics</i> , 2019 , 38, 2506-2539	4.3	3
9	The Trace Element Distribution Patterns of Ediacaran-Early Cambrian Black Shales and the Origin of Selenium in the Guangning Area, Western Guangdong Province, South China. <i>Acta Geologica Sinica</i> , 2017 , 91, 1978-1991	0.7	3
8	Kinematic evolution of a continental collision: Constraining the Himalayan-Tibetan orogen via bulk strain rates. <i>Tectonophysics</i> , 2020 , 797, 228642	3.1	3
7	Pulsed Mesozoic Deformation in the Cordilleran Hinterland and Evolution of the Nevadaplano: Insights from the Pequop Mountains, NE Nevada. <i>Lithosphere</i> , 2020 , 2020,	2.7	3
6	Geologic framework of the northern Indo-Burma Ranges and lateral correlation of Himalayan-Tibetan lithologic units across the eastern Himalayan syntaxis 2019 ,		2
5	Large-scale topography of the North Tibetan ranges as a proxy to contrasted crustal-scale deformation modes. <i>Journal of the Geological Society</i> ,jgs2021-085	2.7	2
4	Assessment of heavy metals should be performed before the development of the selenium-rich soil: A case study in China.. <i>Environmental Research</i> , 2022 , 210, 112990	7.9	1
3	Ocean-continent transition of the northeastern Paleotethys during the Triassic: Constraints from Triassic sedimentary successions across the Qinling Orogen, central China. <i>Journal of Asian Earth Sciences</i> , 2022 , 105264	2.8	1
2	Aeolian sand dunes alongside the Yarlung River in southern Tibet: A provenance perspective. <i>Geological Journal</i> , 2021 , 56, 2625-2636	1.7	0
1	Controls of mantle subduction on crustal-level architecture of intraplate orogens, insights from sandbox modeling. <i>Earth and Planetary Science Letters</i> , 2022 , 584, 117476	5.3	