Andrew V Zuza

List of Publications by Year in Descending Order

49 papers	973 citations	16 h-index	30 g-index
74 ext. papers	1,450 ext. citations	3.8 avg, IF	4.94 L-index

#	Paper	IF	Citations
49	Controls of mantle subduction on crustal-level architecture of intraplate orogens, insights from sandbox modeling. *Earth and Planetary Science Letters*, **2022**, 584, 117476	5.3	
48	Assessment of heavy metals should be performed before the development of the selenium-rich soil: A case study in China.. *Environmental Research*, **2022**, 210, 112990	7.9	1
47	Ocean–continent transition of the northeastern Paleotethys during the Triassic: Constraints from Triassic sedimentary successions across the Qinling Orogen, central China. *Journal of Asian Earth Sciences*, **2022**, 105264	2.8	1
46	Punctuated Orogeny During the Assembly of Asia: Tectonostratigraphic Evolution of the North China Craton and the Qilian Shan From the Paleoproterozoic to Early Paleozoic. *Tectonics*, **2021**, 40, e2020TC006503	4.3	4
45	Diachronous Growth of the Northern Tibetan Plateau Derived From Flexural Modeling. *Geophysical Research Letters*, **2021**, 48, e2020GL092346	4.9	5
44	Key driving factors of selenium-enriched soil in the low-Se geological belt: A case study in Red Beds of Sichuan Basin, China. *Catena*, **2021**, 196, 104926	5.8	18
43	Early Permian tectonic evolution of the Last Chance thrust system: An example of induced subduction initiation along a plate boundary transform. *Bulletin of the Geological Society of America* , **2021**, 133, 1105-1127	3.9	4
42	Aeolian sand dunes alongside the Yarlung River in southern Tibet: A provenance perspective. *Geological Journal*, **2021**, 56, 2625-2636	1.7	0
41	Permian plume-strengthened Tarim lithosphere controls the Cenozoic deformation pattern of the Himalayan-Tibetan orogen. *Geology*, **2021**, 49, 96-100	5	7
40	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. *Journal of the Geological Society*, **2021**, 178, jgs2020-207	2.7	7
39	Magnetostratigraphic ages of the Cenozoic Weihe and Shanxi Grabens in North China and their tectonic implications. *Tectonophysics*, **2021**, 813, 228914	3.1	4
38	Late Cretaceous to Early Cenozoic extension in the Lower Yangtze region (East China) driven by Izanagi-Pacific plate subduction. *Earth-Science Reviews*, **2021**, 221, 103790	10.2	6
37	Pre-cenozoic evolution of the northern Qilian Orogen from zircon geochronology: Framework for early growth of the northern Tibetan Plateau. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2021**, 562, 110091	2.9	5
36	Crustal tilting and differential exhumation of Gangdese Batholith in southern Tibet revealed by bedrock pressures. *Earth and Planetary Science Letters*, **2020**, 543, 116347	5.3	8
35	Late Pliocene onset of the Cona rift, eastern Himalaya, confirms eastward propagation of extension in Himalayan-Tibetan orogen. *Earth and Planetary Science Letters*, **2020**, 544, 116383	5.3	11
34	Cenozoic multi-phase deformation in the Qilian Shan and out-of-sequence development of the northern Tibetan Plateau. *Tectonophysics*, **2020**, 782-783, 228423	3.1	21
33	Seismogenic thickness of California: Implications for thermal structure and seismic hazard. *Tectonophysics*, **2020**, 782-783, 228426	3.1	6

32	Structural analysis and tectonic evolution of the western domain of the Eastern Kunlun Range, northwest Tibet. *Bulletin of the Geological Society of America*, **2020**, 132, 1291-1315	3.9	15
31	Diachronous uplift in intra-continental orogeny: 2D thermo-mechanical modeling of the India-Asia collision. *Tectonophysics*, **2020**, 775, 228310	3.1	8
30	Kinematic evolution of a continental collision: Constraining the Himalayan-Tibetan orogen via bulk strain rates. *Tectonophysics*, **2020**, 797, 228642	3.1	3
29	Geologic field evidence for non-lithostatic overpressure recorded in the North American Cordillera hinterland, northeast Nevada. *Geoscience Frontiers*, **2020**, 101099	6	7
28	Structural and Thermochronologic Constraints on the Cenozoic Tectonic Development of the Northern Indo-Burma Ranges. *Tectonics*, **2020**, 39, e2020TC006231	4.3	6
27	Pulsed Mesozoic Deformation in the Cordilleran Hinterland and Evolution of the Nevadaplano: Insights from the Pequop Mountains, NE Nevada. *Lithosphere*, **2020**, 2020,	2.7	3
26	Cenozoic cooling history and fluvial terrace development of the western domain of the Eastern Kunlun Range, northern Tibet. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2020**, 560, 109971	2.9	10
25	Underthrusting and duplexing beneath the northern Tibetan Plateau and the evolution of the Himalayan-Tibetan orogen. *Lithosphere*, **2019**, 11, 209-231	2.7	48
24	Tectonics of the Eastern Kunlun Range: Cenozoic Reactivation of a Paleozoic-Early Mesozoic Orogen. *Tectonics*, **2019**, 38, 1609-1650	4.3	44
23	Hydrothermal circulation cools continental crust under exhumation. *Earth and Planetary Science Letters*, **2019**, 515, 248-259	5.3	6
22	Footwall Rotation in a Regional Detachment Fault System: Evidence for Horizontal-Axis Rotational Flow in the Miocene Searchlight Pluton, NV. *Tectonics*, **2019**, 38, 2506-2539	4.3	3
21	Mesozoic-Cenozoic evolution of the Eastern Kunlun Range, central Tibet, and implications for basin evolution during the Indo-Asian collision. *Lithosphere*, **2019**, 11, 524-550	2.7	31
20	Geologic framework of the northern Indo-Burma Ranges and lateral correlation of Himalayan-Tibetan lithologic units across the eastern Himalayan syntaxis **2019**,		2
19	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. *Tectonophysics*, **2019**, 751, 109-124	3.1	52
18	West-directed thrusting south of the eastern Himalayan syntaxis indicates clockwise crustal flow at the indenter corner during the India-Asia collision. *Tectonophysics*, **2018**, 722, 277-285	3.1	20
17	What can strike-slip fault spacing tell us about the plate boundary of western North America?. *Terra Nova*, **2018**, 30, 105-113	3	7
16	Tectonic evolution of the Qilian Shan: An early Paleozoic orogen reactivated in the Cenozoic. *Bulletin of the Geological Society of America*, **2018**, 130, 881-925	3.9	87
15	A 1.9-Ga M□ange Along the Northern Margin of the North China Craton: Implications for the Assembly of Columbia Supercontinent. *Tectonics*, **2018**, 37, 3610-3646	4.3	27

14	The relationship between magma and mineralization in Chaobuleng iron polymetallic deposit, Inner Mongolia. *Gondwana Research*, **2017**, 45, 228-253	5.1	22
13	Geochronology and geochemistry of Neoproterozoic granitoids in the central Qilian Shan of northern Tibet: Reconstructing the amalgamation processes and tectonic history of Asia. *Lithosphere*, **2017**, L640.1	2.7	12
12	Balkatach hypothesis: A new model for the evolution of the Pacific, Tethyan, and Paleo-Asian oceanic domains **2017**, 13, 1664-1712		39
11	Spacing and strength of active continental strike-slip faults. *Earth and Planetary Science Letters*, **2017**, 457, 49-62	5.3	32
10	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. *Acta Geologica Sinica*, **2017**, 91, 1978-1991	0.7	3
9	Testing models of Tibetan Plateau formation with Cenozoic shortening estimates across the Qilian Shan–Nan Shan thrust belt **2016**, 12, 501-532		114
8	Mechanics of evenly spaced strike-slip faults and its implications for the formation of tiger-stripe fractures on Saturn's moon Enceladus. *Icarus*, **2016**, 266, 204-216	3.8	12
7	Pre-Cenozoic geologic history of the central and northern Tibetan Plateau and the role of Wilson cycles in constructing the Tethyan orogenic system. *Lithosphere*, **2016**, 8, 254-292	2.7	95
6	Continental deformation accommodated by non-rigid passive bookshelf faulting: An example from the Cenozoic tectonic development of northern Tibet. *Tectonophysics*, **2016**, 677-678, 227-240	3.1	64
5	Tectonic development of the northeastern Tibetan Plateau as constrained by high-resolution deep seismic-reflection data. *Lithosphere*, **2013**, 5, 555-574	2.7	60
4	Structural and Tectonic Framework of the Qilian Shan-Nan Shan Thrust belt, Northeastern Tibetan Plateau. *Acta Geologica Sinica*, **2013**, 87, 1-111	0.7	16
3	Late Mesozoic–Cenozoic cooling history of the northeastern Tibetan Plateau and its foreland derived from low-temperature thermochronology. *Bulletin of the Geological Society of America*,	3.9	6
2	Superposition of Cretaceous and Cenozoic deformation in northern Tibet: A far-field response to the tectonic evolution of the Tethyan orogenic system. *Bulletin of the Geological Society of America*,	3.9	4
1	Large-scale topography of the North Tibetan ranges as a proxy to contrasted crustal-scale deformation modes. *Journal of the Geological Society*,jgs2021-085	2.7	2