

Andrew V Zuza

List of Publications by Year in descending order

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73
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citations

331259

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74
all docs

74
docs citations

74
times ranked

889
citing authors

#	ARTICLE	IF	CITATIONS
1	Testing models of Tibetan Plateau formation with Cenozoic shortening estimates across the Qilian Shan "Nan Shan thrust belt. , 2016, 12, 501-532.		165
2	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.	1.6	149
3	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.	0.6	146
4	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.	0.9	95
5	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.	0.9	85
6	Tectonic development of the northeastern Tibetan Plateau as constrained by high-resolution deep seismic-reflection data. Lithosphere, 2013, 5, 555-574.	0.6	81
7	Balkatach hypothesis: A new model for the evolution of the Pacific, Tethyan, and Paleo-Asian oceanic domains. , 2017, 13, 1664-1712.		79
8	Underthrusting and duplexing beneath the northern Tibetan Plateau and the evolution of the Himalayan-Tibetan orogen. Lithosphere, 2019, 11, 209-231.	0.6	79
9	Tectonics of the Eastern Kunlun Range: Cenozoic Reactivation of a Paleozoic "Early Mesozoic Orogen. Tectonics, 2019, 38, 1609-1650.	1.3	76
10	A 1.9 Ga "lange Along the Northern Margin of the North China Craton: Implications for the Assembly of Columbia Supercontinent. Tectonics, 2018, 37, 3610-3646.	1.3	49
11	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.	1.8	49
12	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.	0.6	48
13	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.	2.2	40
14	Cenozoic multi-phase deformation in the Qilian Shan and out-of-sequence development of the northern Tibetan Plateau. Tectonophysics, 2020, 782-783, 228423.	0.9	39
15	Spacing and strength of active continental strike-slip faults. Earth and Planetary Science Letters, 2017, 457, 49-62.	1.8	38
16	Permian plume-strengthened Tarim lithosphere controls the Cenozoic deformation pattern of the Himalayan-Tibetan orogen. Geology, 2021, 49, 96-100.	2.0	36
17	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.	0.9	34
18	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, 2021, 133, 2393-2417.	1.6	31

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19	Structural and Tectonic Framework of the Qilian Shan-Nan Shan Thrust belt, Northeastern Tibetan Plateau. <i>Acta Geologica Sinica</i> , 2013, 87, 1-111.	0.8	28
20	The relationship between magma and mineralization in Chaobuleng iron polymetallic deposit, Inner Mongolia. <i>Gondwana Research</i> , 2017, 45, 228-253.	3.0	26
21	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, e2020TC006503.	1.3	26
22	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.	1.8	25
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, .	0.9	22
24	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.	1.0	22
25	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.	1.6	21
26	Structural and Thermochronologic Constraints on the Cenozoic Tectonic Development of the Northern Indo-Burma Ranges. <i>Tectonics</i> , 2020, 39, e2020TC006231.	1.3	18
27	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> , 0, , L640.1.	0.6	17
28	Diachronous uplift in intra-continental orogeny: 2D thermo-mechanical modeling of the India-Asia collision. <i>Tectonophysics</i> , 2020, 775, 228310.	0.9	17
29	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.	1.1	16
30	Geologic field evidence for non-lithostatic overpressure recorded in the North American Cordillera hinterland, northeast Nevada. <i>Geoscience Frontiers</i> , 2022, 13, 101099.	4.3	16
31	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> , 2022, 134, 501-525.	1.6	16
32	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.	1.0	15
33	Seismogenic thickness of California: Implications for thermal structure and seismic hazard. <i>Tectonophysics</i> , 2020, 782-783, 228426.	0.9	15
34	Along-Strike Variation in the Initiation Timing of the North-trending Rifts in Southern Tibet as Revealed From the Yadong-Gulu Rift. <i>Tectonics</i> , 2022, 41, .	1.3	15
35	Diachronous Growth of the Northern Tibetan Plateau Derived From Flexural Modeling. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092346.	1.5	14
36	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.	4.0	14

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37	Proterozoicâ€“Phanerozoic tectonic evolution of the Qilian Shan and Eastern Kunlun Range, northern Tibet. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 2179-2205.	1.6	14
38	Magnetostratigraphic ages of the Cenozoic Weihe and Shanxi Grabens in North China and their tectonic implications. <i>Tectonophysics</i> , 2021, 813, 228914.	0.9	13
39	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.	3.7	13
40	Kinematic evolution of a continental collision: Constraining the Himalayan-Tibetan orogen via bulk strain rates. <i>Tectonophysics</i> , 2020, 797, 228642.	0.9	12
41	Pulsed Mesozoic Deformation in the Cordilleran Hinterland and Evolution of the Nevadaplano: Insights from the Pequop Mountains, NE Nevada. <i>Lithosphere</i> , 2020, 2020, .	0.6	12
42	Hydrothermal circulation cools continental crust under exhumation. <i>Earth and Planetary Science Letters</i> , 2019, 515, 248-259.	1.8	11
43	Tectonic evolution of the Beishan orogen in central Asia: Subduction, accretion, and continent-continent collision during the closure of the Paleo-Asian Ocean. <i>Bulletin of the Geological Society of America</i> , 2023, 135, 819-851.	1.6	10
44	What can strikeâ€“slip fault spacing tell us about the plate boundary of western North America?. <i>Terra Nova</i> , 2018, 30, 105-113.	0.9	9
45	Footwall Rotation in a Regional Detachment Fault System: Evidence for Horizontalâ€“Axis Rotational Flow in the Miocene Searchlight Pluton, NV. <i>Tectonics</i> , 2019, 38, 2506-2539.	1.3	9
46	Paleoproterozoicâ€“Paleozoic tectonic evolution of the Longshou Shan, western North China craton. , 2022, 18, 1177-1193.		9
47	Oceanâ€“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, 232, 105264.	1.0	9
48	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.	1.6	8
49	Large-scale topography of the north Tibetan ranges as a proxy for contrasted crustal-scale deformation modes. <i>Journal of the Geological Society</i> , 2022, 179, .	0.9	8
50	The Trace Element Distribution Patterns of Ediacaranâ€“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.	0.8	5
51	Geologic framework of the northern Indo-Burma Ranges and lateral correlation of Himalayan-Tibetan lithologic units across the eastern Himalayan syntaxis. , 0, , .		5
52	Aeolian sand dunes alongside the Yarlung River in southern Tibet: A provenance perspective. <i>Geological Journal</i> , 2021, 56, 2625-2636.	0.6	5
53	Jurassicâ€“Cenozoic tectonics of the Pequop Mountains, NE Nevada, in the North American Cordillera hinterland. , 2021, 17, 2078-2122.		5
54	Heterogenous late Miocene extension in the northern Walker Lane (California-Nevada, USA) demonstrates vertically decoupled crustal extension. , 0, , .		3

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55	REGIONAL TECTONICS AND CONODONT CAIS INDICATE NORMAL BURIAL DEPTHS, NOT MESOZOIC THICKENING, IN THE PEQUOP MOUNTAINS, NE NEVADA. , 2019, , .		3
56	Controls of mantle subduction on crustal-level architecture of intraplate orogens, insights from sandbox modeling. Earth and Planetary Science Letters, 2022, 584, 117476.	1.8	3
57	TRANSITIONS BETWEEN THE SIERRA NEVADA, BASIN AND RANGE, AND WALKER LANE IN THE NORTHERN PINE NUT MOUNTAINS, NEVADA: INSIGHTS FROM GEOLOGIC MAPPING AND AR/AR GEOCHRONOLOGY. , 2019, , .		2
58	TECTONIC RECONSTRUCTION OF THE LAST CHANCE THRUST SYSTEM, DEATH VALLEY NATIONAL PARK, CALIFORNIA. , 2018, , .		1
59	Cenozoic deformation in the eastern domain of the North Qaidam thrust belt, northern Tibetan Plateau. Bulletin of the Geological Society of America, 2023, 135, 331-350.	1.6	1
60	WHAT CAN STRIKE-SLIP FAULT SPACING TELL US ABOUT THE EVOLUTION OF THE WALKER LANE AND WESTERN NORTH AMERICA?. , 2017, , .		0
61	GEOLOGIC MAP OF THE HANGING ROCK CANYON 7.5' QUADRANGLE, INYO COUNTY, CALIFORNIA. , 2018, , .		0
62	INVESTIGATING ROTATION OF THE MIOCENE SEARCHLIGHT PLUTON, NV: HOW EXTENSIONAL TILTING PROMOTES RAPID COOLING AND STRENGTHENING OF THE UPPER CRUST. , 2018, , .		0
63	KINEMATIC EVOLUTION ACROSS NORTHERN TIBET AND IMPLICATIONS FOR THE HIMALAYAN-TIBETAN OROGEN. , 2018, , .		0
64	DOES STRESS VARY IN RHEOLOGICALLY HETEROGENEOUS SHEAR ZONES? INSIGHT FROM THE MYLONITES OF SECRET PASS, RUBY-EAST HUMBOLDT METAMORPHIC CORE COMPLEX, NEVADA. , 2019, , .		0
65	DEVELOPMENT OF THE LAST CHANCE-DEATH VALLEY THRUST SYSTEM: AN EARLY PERMIAN TRANSPRESSIONAL FOLD-THRUST BELT ALONG THE SOUTHWEST MARGIN OF LAURENTIA. , 2019, , .		0
66	PROBING THE CORE OF THE NORTH AMERICAN CORDILLERA -- INSIGHTS FROM GEOLOGIC MAPPING OF THE PEQUOP MOUNTAINS, NE NEVADA. , 2019, , .		0
67	OUT-OF-SEQUENCE EVOLUTION OF THE NORTHERN TIBETAN PLATEAU CONSTRAINED FROM FIELD STUDIES IN THE EASTERN KUNLUN RANGE. , 2019, , .		0
68	PUNCTUATED OROGENY DURING THE ASSEMBLY OF ASIA: PROTEROZOIC-PALEOZOIC GEOLOGIC HISTORY OF THE NORTH CHINA CRATON AND TIBETAN PLATEAU. , 2020, , .		0
69	EXPLORING NATURALLY DEFORMED FELDSPAR MYLONITES FROM A BRITTLE-DUCTILE TRANSITION: IMPLICATIONS FOR CRUSTAL RHEOLOGY. , 2020, , .		0
70	PRELIMINARY CONSTRAINTS ON THE LITHO-TECTONIC FRAMEWORK OF THE EASTERNMOST HIMALAYA, SIANG VALLEY REGION, BASED ON GEOLOGIC MAPPING AND U-PB ZIRCON GEOCHRONOLOGY. , 2020, , .		0
71	GEOLOGIC FIELD MAPPING WITH TABLETS: VALUABLE TOOLS WITH ROOM FOR IMPROVEMENT. , 2020, , .		0
72	PRELIMINARY CONSTRAINTS ON THE QUATERNARY SLIP HISTORIES OF THE EUREKA VALLEY FAULT AND THE DRY MOUNTAIN FAULT WITHIN THE EASTERN CALIFORNIA SHEAR ZONE, DEATH VALLEY REGION. , 2020, , .		0

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73	THE RISE AND DEMISE OF THE NEVADAPLANO: INVESTIGATING THE MECHANISMS AND TIMESCALES OF CRUSTAL THICKENING AND COLLAPSE IN THE NORTH AMERICAN CORDILLERA. , 2020, , .		0