Andrew Alexander Gordon Webb

List of Publications by Year
in descending order

42 papers	3,234 citations	257450 24 h-index	345221 36 g-index
53 all docs	53 docs citations	53 times ranked	2362 citing authors

#	Article	IF	Citations
1	The protoliths of central Himalayan eclogites. Bulletin of the Geological Society of America, 2022, 134, 1949-1966.	3.3	10
2	Geomorphology of contractional salt tectonics along the Kuqa fold-thrust belt, northwestern China: Testing pre-kinematic diapir versus source-fed thrust and detachment fold models. Journal of Structural Geology, 2022, 161, 104638.	2.3	8
3	Tectonics of the Isua Supracrustal Belt 2: Microstructures Reveal Distributed Strain in the Absence of Major Fault Structures. Tectonics, 2021, 40, e2020TC006514.	2.8	9
4	Tectonics of the Isua Supracrustal Belt 1: Pâ€Tâ€Xâ€d Constraints of a Polyâ€Metamorphic Terrane. Tectonics, 2021, 40, e2020TC006516.	2.8	13
5	Caldera Collapse and Volcanic Resurfacing in Arabia Terra Provide Hints of Vast Underâ€Recognized Early Martian Volcanism. Geophysical Research Letters, 2021, 48, e2021GL093118.	4.0	2
6	Model versus measured detrital zircon age signatures of the early Earth. Earth and Planetary Science Letters, 2021, 575, 117182.	4.4	3
7	Breaking Earthâ€™s shell into a global plate network. Nature Communications, 2020, 11, 3621.	12.8	33
8	Miocene Subsidence and Surface Uplift of Southernmost Tibet Induced by Indian Subduction Dynamics. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009078.	2.5	7
9	A nonâ€“plate tectonic model for the Eoarchean Isua supracrustal belt. Lithosphere, 2020, 12, 166-179.	1.4	36
10	Sediment provenance of pre- and post-collisional Cretaceousâ€“Paleogene strata from the frontal Himalaya of northwest India. Earth and Planetary Science Letters, 2020, 534, 116079.	4.4	23
11	A history of the Asian monsoon and its interactions with solid Earth tectonics in Cenozoic South Asia. Geological Society Special Publication, 2019, 483, 631-652.	1.3	44
12	Neogene Kinematic Evolution and Exhumation of the NW India Himalaya: Zircon Geoâ€•and Thermochronometric Insights From the Foldâ€Thrust Belt and Foreland Basin. Tectonics, 2019, 38, 2059-2086.	2.8	18
13	Zircon (Uâ€Th)/He Thermochronometric Constraints on Himalayan Thrust Belt Exhumation, Bedrock Weathering, and Cenozoic Seawater Chemistry. Geochemistry, Geophysics, Geosystems, 2018, 19, 257-271.	2.5	29
14	Early Jurassic tectonism occurred within the Basu metamorphic complex, eastern central Tibet: Implications for an archipelago-accretion orogenic model. Tectonophysics, 2017, 702, 29-41.	2.2	39
15	3D geodynamic models for the development of opposing continental subduction zones: The Hindu Kushâ€“Pamir example. Earth and Planetary Science Letters, 2017, 480, 133-146.	4.4	31
16	Heat-pipe planets. Earth and Planetary Science Letters, 2017, 474, 13-19.	4.4	53
17	The variety of subaerial active salt deformations in the Kuqa fold-thrust belt (China) constrained by InSAR. Earth and Planetary Science Letters, 2016, 450, 83-95.	4.4	8
18	The timing of India-Asia collision onset â€“ Facts, theories, controversies. Earth-Science Reviews, 2016, 160, 264-299.	9.1	572

#	Article	IF	Citations
19	Extrusion vs. duplexing models of Himalayan mountain building 2: The South Tibet detachment at the Dadeldhura klippe. Tectonophysics, 2016, 667, 87-107.	2.2	26
20	Extrusion vs. duplexing models of Himalayan mountain building 3: duplexing dominates from the Oligocene to Present. International Geology Review, 2015, 57, 1-27.	2.1	75
21	Extrusion vs. duplexing models of Himalayan mountain building 1: Discovery of the Pabbar thrust confirms duplex-dominated growth of the northwestern Indian Himalaya since Mid-Miocene. Tectonics, 2015, 34, 313-333.	2.8	25
22	Neogene marine isotopic evolution and the erosion of Lesser Himalayan strata: Implications for Cenozoic tectonic history. Earth and Planetary Science Letters, 2015, 417, 142-150.	4.4	48
23	Reconciling Himalayan midcrustal discontinuities: The Main Central thrust system. Earth and Planetary Science Letters, 2015, 429, 139-146.	4.4	91
24	Active surface salt structures of the western Kuqa fold-thrust belt, northwestern China. , 2014, 10, 1219-1234.		20
25	Petrochronology of Himalayan ultrahigh-pressure eclogite. Geology, 2013, 41, 835-838.	4.4	112
26	Title is missing!. , 2013, 9, 572.		106
27	Metamorphic field gradients across the Himachal Himalaya, northwest India: Implications for the emplacement of the Himalayan crystalline core. Tectonics, 2013, 32, 540-557.	2.8	21
28	Heat-pipe Earth. Nature, 2013, 501, 501-505.	27.8	275
29	U-Pb zircon geochronology of major lithologic units in the eastern Himalaya: Implications for the origin and assembly of Himalayan rocks. Bulletin of the Geological Society of America, 2013, 125, 499-522.	3.3	99
30	The Heart of China revisited: II Early Paleozoic (ultra)highâ€pressure and (ultra)highâ€temperature metamorphic Qinling orogenic collage. Tectonics, 2013, 32, 922-947.	2.8	48
31	Structural and geochronological evidence for the leading edge of the Greater Himalayan Crystalline complex in the central Nepal Himalaya. Earth and Planetary Science Letters, 2011, 304, 483-495.	4.4	95
32	Cenozoic deep crust in the Pamir. Earth and Planetary Science Letters, 2011, 312, 411-421.	4.4	117
33	Title is missing!. , 2011, 7, 1013.		176
34	Geologic correlation of the Himalayan orogen and Indian craton: Part 1. Structural geology, U-Pb zircon geochronology, and tectonic evolution of the Shillong Plateau and its neighboring regions in NE India. Bulletin of the Geological Society of America, 2010, 122, 336-359.	3.3	196
35	Geologic correlation of the Himalayan orogen and Indian craton: Part 2. Structural geology, geochronology, and tectonic evolution of the Eastern Himalaya. Bulletin of the Geological Society of America, 2010, 122, 360-395.	3.3	261
36	The Kumaun and Garwhal Lesser Himalaya, India: Part 1. Structure and stratigraphy. Bulletin of the Geological Society of America, 2009, 121, 1262-1280.	3.3	186

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37	The Kumaun and Garwhal Lesser Himalaya, India: Part 2. Thermal and deformation histories. Bulletin of the Geological Society of America, 2009, 121, 1281-1297.	3.3	108
38	The leading edge of the Greater Himalayan Crystalline complex revealed in the NW Indian Himalaya: Implications for the evolution of the Himalayan orogen. Geology, 2009, 37, e189-e190.	4.4	1
39	The leading edge of the Greater Himalayan Crystalline complex revealed in the NW Indian Himalaya: Implications for the evolution of the Himalayan orogen. Geology, 2007, 35, 955.	4.4	155
40	In situ ion microprobe ²⁰⁷Pb/²⁰⁶Pb dating of monazite from Precambrian metamorphic suites, Tobacco Root Mountains, Montana. , 2004, , .		10
41	The Himalaya in 3D: Slab dynamics controlled mountain building and monsoon intensification. Lithosphere, 0, , L636.1.	1.4	44
42	Reply to Comment by Nutman etÂal. on â€œTectonics of the Isua Supracrustal Belt I and IIâ€: Tectonics, 0, , .	2.8	1