

# Andrew Alexander Gordon Webb

## List of Publications by Year in descending order

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Version: 2024-02-01

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 timing of India-Asia collision onset – Facts, theories, controversies. <i>Earth-Science Reviews</i> , 2016, 160, 264-299.	9.1	572
2	Heat-pipe Earth. <i>Nature</i> , 2013, 501, 501-505.	27.8	275
3	Geologic correlation of the Himalayan orogen and Indian craton: Part 2. Structural geology, geochronology, and tectonic evolution of the Eastern Himalaya. <i>Bulletin of the Geological Society of America</i> , 2010, 122, 360-395.	3.3	261
4	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. <i>Bulletin of the Geological Society of America</i> , 2010, 122, 336-359.	3.3	196
5	The Kumaun and Garwhal Lesser Himalaya, India: Part 1. Structure and stratigraphy. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 1262-1280.	3.3	186
6	Title is missing!. , 2011, 7, 1013.		176
7	The leading edge of the Greater Himalayan Crystalline complex revealed in the NW Indian Himalaya: Implications for the evolution of the Himalayan orogen. <i>Geology</i> , 2007, 35, 955.	4.4	155
8	Cenozoic deep crust in the Pamir. <i>Earth and Planetary Science Letters</i> , 2011, 312, 411-421.	4.4	117
9	Petrochronology of Himalayan ultrahigh-pressure eclogite. <i>Geology</i> , 2013, 41, 835-838.	4.4	112
10	The Kumaun and Garwhal Lesser Himalaya, India: Part 2. Thermal and deformation histories. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 1281-1297.	3.3	108
11	Title is missing!. , 2013, 9, 572.		106
12	U-Pb zircon geochronology of major lithologic units in the eastern Himalaya: Implications for the origin and assembly of Himalayan rocks. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 499-522.	3.3	99
13	Structural and geochronological evidence for the leading edge of the Greater Himalayan Crystalline complex in the central Nepal Himalaya. <i>Earth and Planetary Science Letters</i> , 2011, 304, 483-495.	4.4	95
14	Reconciling Himalayan midcrustal discontinuities: The Main Central thrust system. <i>Earth and Planetary Science Letters</i> , 2015, 429, 139-146.	4.4	91
15	Extrusion vs. duplexing models of Himalayan mountain building 3: duplexing dominates from the Oligocene to Present. <i>International Geology Review</i> , 2015, 57, 1-27.	2.1	75
16	Heat-pipe planets. <i>Earth and Planetary Science Letters</i> , 2017, 474, 13-19.	4.4	53
17	The Heart of China revisited: II Early Paleozoic (ultra)high-pressure and (ultra)high-temperature metamorphic Qinling orogenic collage. <i>Tectonics</i> , 2013, 32, 922-947.	2.8	48
18	Neogene marine isotopic evolution and the erosion of Lesser Himalayan strata: Implications for Cenozoic tectonic history. <i>Earth and Planetary Science Letters</i> , 2015, 417, 142-150.	4.4	48

#	ARTICLE	IF	CITATIONS
19	The Himalaya in 3D: Slab dynamics controlled mountain building and monsoon intensification. <i>Lithosphere</i> , 0, , L636.1.	1.4	44
20	A history of the Asian monsoon and its interactions with solid Earth tectonics in Cenozoic South Asia. <i>Geological Society Special Publication</i> , 2019, 483, 631-652.	1.3	44
21	Early Jurassic tectonism occurred within the Basu metamorphic complex, eastern central Tibet: Implications for an archipelago-accretion orogenic model. <i>Tectonophysics</i> , 2017, 702, 29-41.	2.2	39
22	A non-plate tectonic model for the Eoarchean Isua supracrustal belt. <i>Lithosphere</i> , 2020, 12, 166-179.	1.4	36
23	Breaking Earth's shell into a global plate network. <i>Nature Communications</i> , 2020, 11, 3621.	12.8	33
24	3D geodynamic models for the development of opposing continental subduction zones: The Hindu Kush-Pamir example. <i>Earth and Planetary Science Letters</i> , 2017, 480, 133-146.	4.4	31
25	Zircon (U-Th)/He Thermochronometric Constraints on Himalayan Thrust Belt Exhumation, Bedrock Weathering, and Cenozoic Seawater Chemistry. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 257-271.	2.5	29
26	Extrusion vs. duplexing models of Himalayan mountain building 2: The South Tibet detachment at the Dadeldhura klippe. <i>Tectonophysics</i> , 2016, 667, 87-107.	2.2	26
27	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. <i>Tectonics</i> , 2015, 34, 313-333.	2.8	25
28	Sediment provenance of pre- and post-collisional Cretaceous-Paleogene strata from the frontal Himalaya of northwest India. <i>Earth and Planetary Science Letters</i> , 2020, 534, 116079.	4.4	23
29	Metamorphic field gradients across the Himachal Himalaya, northwest India: Implications for the emplacement of the Himalayan crystalline core. <i>Tectonics</i> , 2013, 32, 540-557.	2.8	21
30	Active surface salt structures of the western Kuqa fold-thrust belt, northwestern China. , 2014, 10, 1219-1234.		20
31	Neogene Kinematic Evolution and Exhumation of the NW India Himalaya: Zircon Geochronometric Insights From the Fold-Thrust Belt and Foreland Basin. <i>Tectonics</i> , 2019, 38, 2059-2086.	2.8	18
32	Tectonics of the Isua Supracrustal Belt 1: P-T-X Constraints of a Poly-Metamorphic Terrane. <i>Tectonics</i> , 2021, 40, e2020TC006516.	2.8	13
33	In situ ion microprobe $^{207}\text{Pb}/^{206}\text{Pb}$ dating of monazite from Precambrian metamorphic suites, Tobacco Root Mountains, Montana. , 2004, , .		10
34	The protoliths of central Himalayan eclogites. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 1949-1966.	3.3	10
35	Tectonics of the Isua Supracrustal Belt 2: Microstructures Reveal Distributed Strain in the Absence of Major Fault Structures. <i>Tectonics</i> , 2021, 40, e2020TC006514.	2.8	9
36	The variety of subaerial active salt deformations in the Kuqa fold-thrust belt (China) constrained by InSAR. <i>Earth and Planetary Science Letters</i> , 2016, 450, 83-95.	4.4	8

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37	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. <i>Journal of Structural Geology</i> , 2022, 161, 104638.	2.3	8
38	Miocene Subsidence and Surface Uplift of Southernmost Tibet Induced by Indian Subduction Dynamics. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009078.	2.5	7
39	Model versus measured detrital zircon age signatures of the early Earth. <i>Earth and Planetary Science Letters</i> , 2021, 575, 117182.	4.4	3
40	Caldera Collapse and Volcanic Resurfacing in Arabia Terra Provide Hints of Vast Under-Recognized Early Martian Volcanism. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093118.	4.0	2
41	The leading edge of the Greater Himalayan Crystalline complex revealed in the NW Indian Himalaya: Implications for the evolution of the Himalayan orogen. <i>Geology</i> , 2009, 37, e189-e190.	4.4	1
42	Reply to Comment by Nutman et al. on "Tectonics of the Isua Supracrustal Belt I and II". <i>Tectonics</i> , 0, , .	2.8	1