Alan D Chapman

List of Publications by Year
in descending order

18	470	840776 11	1199594 12
papers	citations	h-index	g-index

18	18	18	546
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tectonic Evolution of the Central Andean Plateau and Implications for the Growth of Plateaus. Annual Review of Earth and Planetary Sciences, 2017, 45, 529-559.	11.0	127
2	Four Cordilleran paleorivers that connected Sevier thrust zones in Idaho to depocenters in California, Washington, Wyoming, and, indirectly, Alaska. Geology, 2016, 44, 75-78.	4.4	37
3	Assembling the worldâ€™s type shallow subduction complex: Detrital zircon geochronologic constraints on the origin of the Nacimiento block, central California Coast Ranges. , 2016, 12, 533-557.		36
4	Role of extrusion of the Rand and Sierra de Salinas schists in Late Cretaceous extension and rotation of the southern Sierra Nevada and vicinity. Tectonics, 2010, 29, n/a-n/a.	2.8	34
5	Slab flattening trigger for isotopic disturbance and magmatic flare-up in the southernmost Sierra Nevada batholith, California. Geology, 2013, 41, 1007-1010.	4.4	33
6	Sub-magmatic arc underplating by trench and forearc materials in shallow subduction systems; A geologic perspective and implications. Earth-Science Reviews, 2018, 185, 763-779.	9.1	32
7	The Pelonaâ€“Orocopiaâ€“Rand and related schists of southern California: a review of the best-known archive of shallow subduction on the planet. International Geology Review, 2017, 59, 664-701.	2.1	31
8	Detrital zircon U-Pb data reveal a Mississippian sediment dispersal network originating in the Appalachian orogen, traversing North America along its southern shelf, and reaching as far as the southwest United States. Lithosphere, 2019, 11, 581-587.	1.4	30
9	Arclogites and their role in continental evolution; part 1: Background, locations, petrography, geochemistry, chronology and thermobarometry. Earth-Science Reviews, 2021, 214, 103375.	9.1	30
10	Geochemical constraints on the petrogenesis of the Salinian arc, central California: Implications for the origin of intermediate magmas. Lithos, 2014, 200-201, 126-141.	1.4	23
11	Arclogites and their role in continental evolution; part 2: Relationship to batholiths and volcanoes, density and foundering, remelting and long-term storage in the mantle. Earth-Science Reviews, 2021, 214, 103476.	9.1	22
12	Constraints on plateau architecture and assembly from deep crustal xenoliths, northern Altiplano (SE Peru). Bulletin of the Geological Society of America, 2015, 127, 1777-1797.	3.3	19
13	In search for the missing arc root of the Southern California Batholith: P-T-t evolution of upper mantle xenoliths of the Colorado Plateau Transition Zone. Earth and Planetary Science Letters, 2020, 547, 116447.	4.4	11
14	Geologic map and structural development of the northernmost Sur-Nacimiento fault zone, central California coast. , 2019, 15, 171-187.		1
15	SEARCH FOR THE LOST ARC: A U-PB ZIRCON GEOCHRONOLOGIC AND ISOTOPIC STUDY OF THE LAS TABLAS UNIT, FRANCISCAN COMPLEX OF CENTRAL CALIFORNIA. , 2016, , .		1
16	ROOTING AROUND BENEATH AN ARC: ZIRCON U-PB GEOCHRONOLOGIC AND HF ISOTOPIC CONSTRAINTS ON THE EVOLUTION OF THE BASE OF THE SIERRA NEVADA BATHOLITH. , 2018, , .		1
17	DETRITAL ZIRCON GEOCHRONOLOGY OF BLUESCHIST FACIES SEQUENCES IN THE ACCRETIONARY COMPLEX OF WEST-CENTRAL BAJA CALIFORNIA, MEXICO. , 2018, , .		1
18	Middle Jurassic to Early Cretaceous tectonic evolution of the western Klamath Mountains and outboard Franciscan assemblages, northern Californiaâ€“southern Oregon, USA. , 2021, , 73-130.		1