Gregory A Davis

List of Publications by Year
in descending order

25 papers	3,391 citations	361296 20 h-index	610775 24 g-index
25 all docs	25 docs citations	25 times ranked	1915 citing authors

#	Article	IF	Citations
1	The origin of metamorphic core complexes and detachment faults formed during Tertiary continental extension in the northern Colorado River region, U.S.A.. Journal of Structural Geology, 1989, 11, 65-94.	1.0	866
2	Temporal and spatial variations of Mesozoic magmatism and deformation in the North China Craton: Implications for lithospheric thinning and decratonization. Earth-Science Reviews, 2014, 131, 49-87.	4.0	352
3	The Liaonan metamorphic core complex, Southeastern Liaoning Province, North China: A likely contributor to Cretaceous rotation of Eastern Liaoning, Korea and contiguous areas. Tectonophysics, 2005, 407, 65-80.	0.9	249
4	Geometric and temporal evolution of an extensional detachment fault, Hohhot metamorphic core complex, Inner Mongolia, China. Geology, 2002, 30, 1003.	2.0	226
5	Detachment faulting in continental extension; Perspectives from the Southwestern U.S. Cordillera. Special Paper of the Geological Society of America, 1988, , 133-160.	0.5	212
6	The enigmatic Yinshan fold-and-thrust belt of northern China: New views on its intraplate contractional styles. Geology, 1998, 26, 43.	2.0	212
7	Structural evolution of the Whipple and South mountains shear zones, southwestern United States. Geology, 1986, 14, 7.	2.0	167
8	Garlock Fault: An Intracontinental Transform Structure, Southern California. Bulletin of the Geological Society of America, 1973, 84, 1407.	1.6	156
9	Mylonitization and detachment faulting in the Whipple-Buckskin-Rawhide Mountains terrane, southeastern California and western Arizona. Memoir of the Geological Society of America, 1980, , 79-130.	0.5	133
10	Tectonic overview of the Cordilleran orogen in the western United States. , 0, , 407-14.		108
11	Rapid upward transport of mid-crustal mylonitic gneisses in the footwall of a Miocene detachment fault, Whipple Mountains, southeastern California. International Journal of Earth Sciences, 1988, 77, 191-209.	0.9	106
12	Early Cretaceous overprinting of the Mesozoic Daqing Shan fold-and-thrust belt by the Hohhot metamorphic core complex, Inner Mongolia, China. Geoscience Frontiers, 2010, 1, 1-20.	4.3	95
13	Early cretaceous extensional structures in the Liaodong Peninsula: Structural associations, geochronological constraints and regional tectonic implications. Science China Earth Sciences, 2011, 54, 823-842.	2.3	69
14	Crustal Detachment and Destruction of the Keel of North China Craton: Constraints from Late Mesozoic Extensional Structures. Earth Science Frontiers, 2008, 15, 72-81.	0.5	67
15	Further paleomagnetic results from the ~ 155 Ma Tiaojishan Formation, Yanshan Belt, North China, and their implications for the tectonic evolution of the Mongolâ€“Okhotsk suture. Gondwana Research, 2016, 35, 180-191.	3.0	65
16	Triassic and Jurassic Tectonics in the Eastern Yanshan Belt, North China: Insights from the Controversial Dengzhangzi Formation and Its Neighboring Units. Earth Science Frontiers, 2009, 16, 69-86.	0.5	60
17	Seismic reflectivity of the Whipple Mountain shear zone in southern California. Journal of Geophysical Research, 1989, 94, 2989-3005.	3.3	47
18	Westward Thrust Faulting in the South-Central Klamath Mountains, California. Bulletin of the Geological Society of America, 1968, 79, 911.	1.6	40

#	Article	IF	Citations
19	Tectonic Correlations, Klamath Mountains and Western Sierra Nevada, California. Bulletin of the Geological Society of America, 1969, 80, 1095.	1.6	39
20	Pluton pinning of an active Miocene detachment fault system, eastern Mojave Desert, California. Geology, 1993, 21, 627.	2.0	35
21	New age controls on initiation and timing of foreland belt thrusting in the Clark Mountains, southern California. Bulletin of the Geological Society of America, 1995, 107, 742.	1.6	28
22	Geology of the Sagamore Canyonâ€“Slaughterhouse Spring area, New York Mountains, California. Bulletin of the Geological Society of America, 1977, 88, 1623.	1.6	21
23	The Dayingzi detachment fault system in Liaodong Peninsula and its regional tectonic significance. Science China Earth Sciences, 2011, 54, 1469-1483.	2.3	20
24	Compression and crustal shortening in Andean-type orogenesis. Nature, 1976, 260, 693-694.	13.7	16
25	Comment on â€œThe Butte Valley and Layton Well thrusts of eastern California: Distribution and regional significanceâ€•by Chester T. Wrucke, Calvin H. Stevens, and Joseph L. Wooden. Tectonics, 1997, 16, 182-183.	1.3	2