Brian Wernicke

List of Publications by Year
in descending order

26 papers	5,091 citations	471061 17 h-index	642321 23 g-index
26 all docs	26 docs citations	26 times ranked	2317 citing authors

#	Article	IF	Citations
1	Uniform-sense normal simple shear of the continental lithosphere. Canadian Journal of Earth Sciences, 1985, 22, 108-125.	0.6	1,378
2	Low-angle normal faults in the Basin and Range Province: nappe tectonics in an extending orogen. Nature, 1981, 291, 645-648.	13.7	1,012
3	Modes of extensional tectonics. Journal of Structural Geology, 1982, 4, 105-115.	1.0	739
4	On the role of isostasy in the evolution of normal fault systems. Geology, 1988, 16, 848.	2.0	515
5	Basin and Range extensional tectonics at the latitude of Las Vegas, Nevada. Bulletin of the Geological Society of America, 1988, 100, 1738-1757.	1.6	278
6	Low-angle normal faults and seismicity: A review. Journal of Geophysical Research, 1995, 100, 20159-20174.	3.3	253
7	Lithospheric extension near Lake Mead, Nevada: A model for ductile flow in the lower crust. Journal of Geophysical Research, 1991, 96, 4435-4456.	3.3	167
8	Cenozoic Tectonism in the Central Basin and Range: Motion of the Sierran-Great Valley Block. International Geology Review, 1998, 40, 403-410.	1.1	114
9	Cenozoic extensional tectonics of the U.S. Cordillera. , 0, , 553-17.		108
10	Helium and argon thermochronometry of the Gold Butte block, south Virgin Mountains, Nevada. Earth and Planetary Science Letters, 2000, 178, 315-326.	1.8	85
11	Structural discordance between neogene detachments and frontal sevier thrusts, central Mormon Mountains, southern Nevada. Tectonics, 1985, 4, 213-246.	1.3	80
12	The Fluid Crustal Layer and Its Implications for Continental Dynamics. , 1990, , 509-544.		65
13	Uniqueness of geological correlations: An example from the Death Valley extended terrain. Bulletin of the Geological Society of America, 1989, 101, 1351-1362.	1.6	51
14	Kinematic evolution of a large-offset continental normal fault system, South Virgin Mountains, Nevada. Bulletin of the Geological Society of America, 2000, 112, 1375-1397.	1.6	43
15	Active megadetachment beneath the western United States. Journal of Geophysical Research, 2008, 113, .	3.3	40
16	Black Mountains crustal section, Death Valley extended terrain, California. Geology, 1990, 18, 520.	2.0	37
17	Gold butte crustal section, South Virgin Mountains, Nevada. Tectonics, 1992, 11, 1099-1120.	1.3	28
18	Tilt and rotation of the footwall of a major normal fault system: Paleomagnetism of the Black Mountains, Death Valley extended terrane, California. Bulletin of the Geological Society of America, 1993, 105, 1373-1387.	1.6	26

#	Article	IF	Citations
19	Electrical conductivity images of Quaternary faults and Tertiary detachments in the California Basin and Range. Tectonics, 2003, 22, n/a-n/a.	1.3	22
20	Whole-lithosphere normal simple shear: An interpretation of deep-reflection profiles in Great Britain. Geodynamic Series, 1986, , 331-339.	0.1	17
21	A new type of decollement thrusting. Nature, 1982, 300, 513-515.	13.7	16
22	Comment and Reply on â€˜Mesozoic evolution, hinterland of the Sevier orogenic beltâ€™. Geology, 1982, 10, 3.	2.0	5
23	Assessing vertical axis rotations in large-magnitude extensional settings: A transect across the Death Valley extended terrane, California. Journal of Geophysical Research, 2002, 107, EPM 4-1-EPM 4-21.	3.3	4
24	Reply [to â€œComment on â€˜The Snake Range Decollement interpreted as a major extensional shear zoneâ€• by John. M. Bartley and Brian P. Wernickeâ€]. Tectonics, 1985, 4, 417-419.	1.3	3
25	Results of the Basin and Range Geoscientific Experiment (BARGE): A marine-style seismic reflection survey across the eastern boundary of the central Basin and Range Province. Geochemistry, Geophysics, Geosystems, 2000, 1, n/a-n/a.	1.0	3
26	Retrospective on "Low-angle (denudation) faults, hinterland of the Sevier orogenic belt, eastern Nevada and western Utah" by Richard Lee Armstrong. , 1999, , .		2