

David W Scholl

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

1,907
citations

13
h-index

23
g-index

23
ext. papers

2,051
ext. citations

5.7
avg, IF

4.51
L-index

#	Paper	IF	Citations
18	Seismic imaging evidence that forearc underplating built the accretionary rock record of coastal North and South America. <i>Geological Magazine</i> , 2021 , 158, 104-117	2	7
17	Great (Mw8.0) megathrust earthquakes and the subduction of excess sediment and bathymetrically smooth seafloor 2015 , 11, 236-265		43
16	Influence of the Amlia fracture zone on the evolution of the Aleutian Terrace forearc basin, central Aleutian subduction zone 2012 , 8, 1254-1273		13
15	Crustal recycling at modern subduction zones applied to the past issues of growth and preservation of continental basement crust, mantle geochemistry, and supercontinent reconstruction. <i>Memoir of the Geological Society of America</i> , 2007 , 9-32		132
14	Seismic stratigraphy of Detroit Seamount, Hawaiian-Emperor seamount chain: Post-hot-spot shield-building volcanism and deposition of the Meiji drift. <i>Geochemistry, Geophysics, Geosystems</i> , 2005 , 6, n/a-n/a	3.6	14
13	Fast rates of subduction erosion along the Costa Rica Pacific margin: Implications for nonsteady rates of crustal recycling at subduction zones. <i>Journal of Geophysical Research</i> , 2003 , 108,		104
12	Along-Strike Variation in the Aleutian Island Arc: Genesis of High Mg# Andesite and Implications for Continental Crust. <i>Geophysical Monograph Series</i> , 2003 , 223-276	1.1	161
11	Neotectonic deformation of the central Chile margin: Deepwater forearc basin formation in response to hot spot ridge and seamount subduction. <i>Tectonics</i> , 2002 , 21, 2-1-2-27	4.3	86
10	New seismic images of the Cascadia subduction zone from cruise SO108 DRWELL. <i>Tectonophysics</i> , 1998 , 293, 69-84	3.1	89
9	Observations at convergent margins concerning sediment subduction, subduction erosion, and the growth of continental crust. <i>Reviews of Geophysics</i> , 1991 , 29, 279	23.1	966
8	Sedimentary Sequences in the North Pacific Trenches 1974 , 493-504		24
7	Peru-Chile Trench Sediments and Sea-Floor Spreading. <i>Bulletin of the Geological Society of America</i> , 1970 , 81, 1339	3.9	134
6	Dynamic computer model for the metallogenesis and tectonics of the Circum-North Pacific. <i>US Geological Survey Open-File Report</i> ,		8
5	Circum-North Pacific tectonostratigraphic terrane map. <i>US Geological Survey Open-File Report</i> ,		27
4	Summary terrane, mineral deposit, and metallogenic belt maps of the Russian Far East, Alaska, and the Canadian Cordillera. <i>US Geological Survey Open-File Report</i> ,		11
3	Cruise report for A1-98-SC southern California Earthquake Hazards Project. <i>US Geological Survey Open-File Report</i> ,		4
2	Phanerozoic tectonic evolution of the Circum-North Pacific. <i>US Geological Survey Profesional Paper</i> ,		74

- 1 History of earthquakes and tsunamis along the eastern Aleutian-Alaska megathrust, with implications for tsunami hazards in the California Continental Borderland. *US Geological Survey Profesional Paper*,i-31 8