James F Dolan

List of Publications by Year
in descending order

42 papers	2,086 citations	279798 23 h-index	315739 38 g-index
42 all docs	42 docs citations	42 times ranked	1597 citing authors

#	Article	IF	Citations
1	Long-range and long-term fault interactions in Southern California. Geology, 2007, 35, 855.	4.4	205
2	Characterizing arid region alluvial fan surface roughness with airborne laser swath mapping digital topographic data. Journal of Geophysical Research, 2007, 112, .	3.3	160
3	How well do surface slip measurements track slip at depth in large strike-slip earthquakes? The importance of fault structural maturity in controlling on-fault slip versus off-fault surface deformation. Earth and Planetary Science Letters, 2014, 388, 38-47.	4.4	157
4	Quantifying nearâ€field and offâ€fault deformation patterns of the 1992 M_w 7.3 <scp>L</scp>anders earthquake. Geochemistry, Geophysics, Geosystems, 2015, 16, 1577-1598.	2.5	149
5	Cosmogenic10Be and36Cl geochronology of offset alluvial fans along the northern Death Valley fault zone: Implications for transient strain in the eastern California shear zone. Journal of Geophysical Research, 2007, 112, .	3.3	102
6	Surface slip and offâ€fault deformation patterns in the 2013 M_W 7.7 <scp>B</scp>alochistan, <scp>P</scp>akistan earthquake: Implications for controls on the distribution of nearâ€surface coseismic slip. Geochemistry, Geophysics, Geosystems, 2014, 15, 5034-5050.	2.5	102
7	Refining the shallow slip deficit. Geophysical Journal International, 2016, 204, 1843-1862.	2.4	95
8	Recognition of Paleoearthquakes on the Puente Hills Blind Thrust Fault, California. Science, 2003, 300, 115-118.	12.6	92
9	Spatial variations in slip rate along the Death Valleyâ€Fish Lake Valley fault system determined from LiDAR topographic data and cosmogenic ¹⁰Be geochronology. Geophysical Research Letters, 2007, 34, .	4.0	82
10	Extreme multi-millennial slip rate variations on the Garlock fault, California: Strain super-cycles, potentially time-variable fault strength, and implications for system-level earthquake occurrence. Earth and Planetary Science Letters, 2016, 446, 123-136.	4.4	73
11	Surface Displacement Distributions for the July 2019 Ridgecrest, California, Earthquake Ruptures. Bulletin of the Seismological Society of America, 2020, 110, 1400-1418.	2.3	66
12	Beryllium-10 terrestrial cosmogenic nuclide surface exposure dating of Quaternary landforms in Death Valley. Geomorphology, 2011, 125, 541-557.	2.6	64
13	A late Holocene slip rate for the central North Anatolian fault, at TahtakÃ¶prÃ¼, Turkey, from cosmogenic ¹⁰Be geochronology: Implications for fault loading and strain release rates. Journal of Geophysical Research, 2009, 114, .	3.3	59
14	Structure and tectonics of the upper Cenozoic Puerto Rico-Virgin Islands carbonate platform as determined from seismic reflection studies. Journal of Geophysical Research, 1998, 103, 30505-30530.	3.3	52
15	Spatial and temporal constancy of seismic strain release along an evolving segment of the Pacificâ€"North America plate boundary. Earth and Planetary Science Letters, 2011, 304, 565-576.	4.4	50
16	Threeâ€Dimensional Surface Deformation in the 2016 M_W 7.8 KaikÅura, New Zealand, Earthquake From Optical Image Correlation: Implications for Strain Localization and Longâ€Term Evolution of the Pacificâ€Australian Plate Boundary. Geochemistry, Geophysics, Geosystems, 2019, 20, 1609-1628.	2.5	48
17	Active tectonics of the north-central Caribbean: Oblique collision, strain partitioning, and opposing subducted slabs. , 1998, , .		43
18	Paleoseismologic evidence for the relatively regular recurrence of infrequent, large-magnitude earthquakes on the eastern North Anatolian fault at Yaylabeli, Turkey. Lithosphere, 2011, 3, 37-54.	1.4	43

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19	Shallow seismic imaging of folds above the Puente Hills blind-thrust fault, Los Angeles, California. Geophysical Research Letters, 2002, 29, 18-1-18-4.	4.0	34
20	Three-phase tectonic evolution of the northern margin of Puerto Rico as inferred from an integration of seismic reflection, well, and outcrop data. Marine Geology, 1999, 161, 257-286.	2.1	33
21	Highly Variable Latest Pleistoceneâ€Holocene Incremental Slip Rates on the Awatere Fault at Saxton River, South Island, New Zealand, Revealed by Lidar Mapping and Luminescence Dating. Geophysical Research Letters, 2017, 44, 11,301.	4.0	30
22	Rates of extension along the Fish Lake Valley fault and transtensional deformation in the Eastern California shear zoneâ€“Walker Lane belt. Lithosphere, 2010, 2, 33-49.	1.4	27
23	Bookshelf Kinematics and the Effect of Dilatation on Fault Zone Inelastic Deformation: Examples From Optical Image Correlation Measurements of the 2019 Ridgecrest Earthquake Sequence. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB020551.	3.4	27
24	A Comparison of Geodetic and Geologic Rates Prior to Large Strikeâ€Slip Earthquakes: A Diversity of Earthquakeâ€Cycle Behaviors?. Geochemistry, Geophysics, Geosystems, 2017, 18, 4426-4436.	2.5	26
25	Constancy of geologic slip rate along the central Garlock fault: implications for strain accumulation and release in southern California. Geophysical Journal International, 2012, 190, 745-760.	2.4	22
26	Viscoelastic Block Models of the North Anatolian Fault: A Unified Earthquake Cycle Representation of Preâ€•and Postseismic Geodetic Observations. Bulletin of the Seismological Society of America, 2017, 107, 403-417.	2.3	22
27	Earthquake-by-earthquake fold growth above the Puente Hills blind thrust fault, Los Angeles, California: Implications for fold kinematics and seismic hazard. Journal of Geophysical Research, 2007, 112, .	3.3	21
28	Multimillennial Incremental Slip Rate Variability of the Clarence Fault at the Tophouse Road Site, Marlborough Fault System, New Zealand. Geophysical Research Letters, 2019, 46, 717-725.	4.0	21
29	Active tectonics of the eastern California shear zone. , 2008, , 43-81.		19
30	Evolution and progressive geomorphic manifestation of surface faulting: A comparison of the Wairau and Awatere faults, South Island, New Zealand. Geology, 2015, 43, 1019-1022.	4.4	19
31	Evidence for large Holocene earthquakes on the Compton thrust fault, Los Angeles, California. Journal of Geophysical Research, 2009, 114, .	3.3	17
32	Paleoseismologic evidence for multiple Holocene earthquakes on the Calico fault: Implications for earthquake clustering in the Eastern California shear zone. Lithosphere, 2010, 2, 287-298.	1.4	17
33	Accelerating slip rates on the Puente Hills blind thrust fault system beneath metropolitan Los Angeles, California, USA. Geology, 2017, 45, 227-230.	4.4	17
34	Paleoseismology of the southern Panamint Valley fault: Implications for regional earthquake occurrence and seismic hazard in southern California. Journal of Geophysical Research: Solid Earth, 2013, 118, 5126-5146.	3.4	16
35	Timing and rates of Holocene normal faulting along the Black Mountains fault zone, Death Valley, USA. Lithosphere, 2016, 8, 3-22.	1.4	13
36	A Model for the Initiation, Evolution, and Controls on Seismic Behavior of the Garlock Fault, California. Geochemistry, Geophysics, Geosystems, 2018, 19, 2166-2178.	2.5	13

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37	Introduction to special section: Active Fault-Related Folding: Structural Evolution, Geomorphologic Expression, Paleoseismology, and Seismic Hazards. Journal of Geophysical Research, 2007, 112, .	3.3	12
38	A 2000 Yr Paleoearthquake Record along the Conway Segment of the Hope Fault: Implications for Patterns of Earthquake Occurrence in Northern South Island and Southern North Island, New Zealand. Bulletin of the Seismological Society of America, 2019, 109, 2216-2239.	2.3	10
39	Holocene to latest Pleistocene incremental slip rates from the east-central Hope fault (Conway) Tj ETQq1 1 0.784314 rgBT /Overlock 10 path of earthquake slip along a plate boundary fault. , 2020, 16, 1558-1584.		9
40	Relative Structural Complexity of Plateâ€Boundary Fault Systems Controls Incremental Slipâ€Rate Behavior of Major Strikeâ€Slip Faults. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009938.	2.5	8
41	Greatness thrust upon them. Nature, 2006, 444, 277-279.	27.8	6
42	The San Andreas Fault Paleoseismic Record at Elizabeth Lake: Why are There Fewer Surface-Rupturing Earthquakes on the Mojave Section?. Bulletin of the Seismological Society of America, 0, , .	2.3	5