

James F Dolan

List of Publications by Year in descending order

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42
papers

2,086
citations

279798

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42
times ranked

1597
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#	ARTICLE	IF	CITATIONS
1	Bookshelf Kinematics and the Effect of Dilatation on Fault Zone Inelastic Deformation: Examples From Optical Image Correlation Measurements of the 2019 Ridgecrest Earthquake Sequence. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020551.	3.4	27
2	Relative Structural Complexity of Plateâ€Boundary Fault Systems Controls Incremental Slipâ€Rate Behavior of Major Strikeâ€Slip Faults. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009938.	2.5	8
3	Holocene to latest Pleistocene incremental slip rates from the east-central Hope fault (Conway) Tj ETQq1 1 0.784314 rgBT /Overlock path of earthquake slip along a plate boundary fault. , 2020, 16, 1558-1584.	1.0	9
4	Surface Displacement Distributions for the July 2019 Ridgecrest, California, Earthquake Ruptures. <i>Bulletin of the Seismological Society of America</i> , 2020, 110, 1400-1418.	2.3	66
5	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. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 1609-1628.	2.5	48
6	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. <i>Bulletin of the Seismological Society of America</i> , 2019, 109, 2216-2239.	2.3	10
7	Multimillennial Incremental Slip Rate Variability of the Clarence Fault at the Tophouse Road Site, Marlborough Fault System, New Zealand. <i>Geophysical Research Letters</i> , 2019, 46, 717-725.	4.0	21
8	A Model for the Initiation, Evolution, and Controls on Seismic Behavior of the Garlock Fault, California. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2166-2178.	2.5	13
9	Accelerating slip rates on the Puente Hills blind thrust fault system beneath metropolitan Los Angeles, California, USA. <i>Geology</i> , 2017, 45, 227-230.	4.4	17
10	Viscoelastic Block Models of the North Anatolian Fault: A Unified Earthquake Cycle Representation of Preâ€and Postseismic Geodetic Observations. <i>Bulletin of the Seismological Society of America</i> , 2017, 107, 403-417.	2.3	22
11	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. <i>Geophysical Research Letters</i> , 2017, 44, 11,301.	4.0	30
12	A Comparison of Geodetic and Geologic Rates Prior to Large Strikeâ€Slip Earthquakes: A Diversity of Earthquakeâ€Cycle Behaviors?. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 4426-4436.	2.5	26
13	Refining the shallow slip deficit. <i>Geophysical Journal International</i> , 2016, 204, 1843-1862.	2.4	95
14	Timing and rates of Holocene normal faulting along the Black Mountains fault zone, Death Valley, USA. <i>Lithosphere</i> , 2016, 8, 3-22.	1.4	13
15	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. <i>Earth and Planetary Science Letters</i> , 2016, 446, 123-136.	4.4	73
16	Evolution and progressive geomorphic manifestation of surface faulting: A comparison of the Wairau and Awatere faults, South Island, New Zealand. <i>Geology</i> , 2015, 43, 1019-1022.	4.4	19
17	Quantifying nearâ€field and offâ€fault deformation patterns of the 1992 M_w 7.3 <sc>L</sc>anders earthquake. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1577-1598.	2.5	149
18	Surface slip and offâ€fault deformation patterns in the 2013 M_W 7.7 <sc>B</sc>alochistan, <sc>P</sc>akistan earthquake: Implications for controls on the distribution of nearâ€surface coseismic slip. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 5034-5050.	2.5	102

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19	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. <i>Earth and Planetary Science Letters</i> , 2014, 388, 38-47.	4.4	157
20	Paleoseismology of the southern Panamint Valley fault: Implications for regional earthquake occurrence and seismic hazard in southern California. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 5126-5146.	3.4	16
21	Constancy of geologic slip rate along the central Garlock fault: implications for strain accumulation and release in southern California. <i>Geophysical Journal International</i> , 2012, 190, 745-760.	2.4	22
22	Beryllium-10 terrestrial cosmogenic nuclide surface exposure dating of Quaternary landforms in Death Valley. <i>Geomorphology</i> , 2011, 125, 541-557.	2.6	64
23	Spatial and temporal constancy of seismic strain release along an evolving segment of the Pacific-North America plate boundary. <i>Earth and Planetary Science Letters</i> , 2011, 304, 565-576.	4.4	50
24	Paleoseismologic evidence for the relatively regular recurrence of infrequent, large-magnitude earthquakes on the eastern North Anatolian fault at Yaylabeli, Turkey. <i>Lithosphere</i> , 2011, 3, 37-54.	1.4	43
25	Paleoseismologic evidence for multiple Holocene earthquakes on the Calico fault: Implications for earthquake clustering in the Eastern California shear zone. <i>Lithosphere</i> , 2010, 2, 287-298.	1.4	17
26	Rates of extension along the Fish Lake Valley fault and transtensional deformation in the Eastern California shear zone-Walker Lane belt. <i>Lithosphere</i> , 2010, 2, 33-49.	1.4	27
27	Evidence for large Holocene earthquakes on the Compton thrust fault, Los Angeles, California. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	17
28	A late Holocene slip rate for the central North Anatolian fault, at Tahtaköprü, Turkey, from cosmogenic ¹⁰ Be geochronology: Implications for fault loading and strain release rates. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	59
29	Active tectonics of the eastern California shear zone. , 2008, , 43-81.		19
30	Long-range and long-term fault interactions in Southern California. <i>Geology</i> , 2007, 35, 855.	4.4	205
31	Cosmogenic ¹⁰ Be and ³⁶ Cl geochronology of offset alluvial fans along the northern Death Valley fault zone: Implications for transient strain in the eastern California shear zone. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	102
32	Earthquake-by-earthquake fold growth above the Puente Hills blind thrust fault, Los Angeles, California: Implications for fold kinematics and seismic hazard. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	21
33	Characterizing arid region alluvial fan surface roughness with airborne laser swath mapping digital topographic data. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	160
34	Spatial variations in slip rate along the Death Valley-Fish Lake Valley fault system determined from LiDAR topographic data and cosmogenic ¹⁰ Be geochronology. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	82
35	Introduction to special section: Active Fault-Related Folding: Structural Evolution, Geomorphologic Expression, Paleoseismology, and Seismic Hazards. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	12
36	Greatness thrust upon them. <i>Nature</i> , 2006, 444, 277-279.	27.8	6

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37	Recognition of Paleoearthquakes on the Puente Hills Blind Thrust Fault, California. <i>Science</i> , 2003, 300, 115-118.	12.6	92
38	Shallow seismic imaging of folds above the Puente Hills blind-thrust fault, Los Angeles, California. <i>Geophysical Research Letters</i> , 2002, 29, 18-1-18-4.	4.0	34
39	Three-phase tectonic evolution of the northern margin of Puerto Rico as inferred from an integration of seismic reflection, well, and outcrop data. <i>Marine Geology</i> , 1999, 161, 257-286.	2.1	33
40	Structure and tectonics of the upper Cenozoic Puerto Rico-Virgin Islands carbonate platform as determined from seismic reflection studies. <i>Journal of Geophysical Research</i> , 1998, 103, 30505-30530.	3.3	52
41	Active tectonics of the north-central Caribbean: Oblique collision, strain partitioning, and opposing subducted slabs. , 1998, , .		43
42	The San Andreas Fault Paleoseismic Record at Elizabeth Lake: Why are There Fewer Surface-Rupturing Earthquakes on the Mojave Section?. <i>Bulletin of the Seismological Society of America</i> , 0, , .	2.3	5