

# Michael A Floyd

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,443  
citations

393982

19  
h-index

552369

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2042  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geodetic Constraints on Cratonic Microplates and Broad Strain During Rifting of Thick Southern African Lithosphere. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093785.	1.5	34
2	From Interseismic Deformation With Near-Repeating Earthquakes to Co-Seismic Rupture: A Unified View of the 2020 Mw6.8 Sivrice (Elazığ) Eastern Turkey Earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021830.	1.4	20
3	Present GPS velocity field along 1999 Izmit rupture zone: evidence for continuing afterslip 20yr after the earthquake. <i>Geophysical Journal International</i> , 2020, 224, 2016-2027.	1.0	10
4	Geodynamics, seismicity, and seismic hazards of the Caucasus. <i>Earth-Science Reviews</i> , 2020, 207, 103222.	4.0	45
5	Kinematics and deformation of the southern Red Sea region from GPS observations. <i>Geophysical Journal International</i> , 2020, 221, 2143-2154.	1.0	23
6	Fragmentation of the Sinai Plate indicated by spatial variation in present-day slip rate along the Dead Sea Fault System. <i>Geophysical Journal International</i> , 2020, 221, 1913-1940.	1.0	18
7	Accommodation of East African Rifting Across the Turkana Depression. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018469.	1.4	25
8	Slip distribution of the 2017 Mw6.6 Bodrum-Kos earthquake: resolving the ambiguity of fault geometry. <i>Geophysical Journal International</i> , 2019, 219, 911-923.	1.0	18
9	Active convergence between the Lesser and Greater Caucasus in Georgia: Constraints on the tectonic evolution of the Lesser-Greater Caucasus continental collision. <i>Earth and Planetary Science Letters</i> , 2018, 481, 154-161.	1.8	41
10	Interseismic Ground Deformation and Fault Slip Rates in the Greater San Francisco Bay Area From Two Decades of Space Geodetic Data. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 8095-8109.	1.4	29
11	Geodynamics and Seismology. <i>Regional Geology Reviews</i> , 2017, , 219-258.	1.2	0
12	Plate Boundary Observatory and related networks: GPS data analysis methods and geodetic products. <i>Reviews of Geophysics</i> , 2016, 54, 759-808.	9.0	166
13	Spatial variations in fault friction related to lithology from rupture and afterslip of the 2014 South Napa, California, earthquake. <i>Geophysical Research Letters</i> , 2016, 43, 6808-6816.	1.5	62
14	GPS constraints on broad scale extension in the Ethiopian Highlands and Main Ethiopian Rift. <i>Geophysical Research Letters</i> , 2016, 43, 6844-6851.	1.5	41
15	Influence of regional tectonics and pre-existing structures on the formation of elliptical calderas in the Kenyan Rift. <i>Geological Society Special Publication</i> , 2016, 420, 43-67.	0.8	40
16	Kinematic modeling of fault slip rates using new geodetic velocities from a transect across the Pacific-North America plate boundary through the San Bernardino Mountains, California. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 2772-2793.	1.4	25
17	Observation of the spread of slow deformation in Greece following the breakup of the slab. <i>Geophysical Research Letters</i> , 2014, 41, 7129-7134.	1.5	18
18	Istanbul's earthquake hot spots: Geodetic constraints on strain accumulation along faults in the Marmara seismic gap. <i>Geophysical Research Letters</i> , 2014, 41, 5783-5788.	1.5	136

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19	El Mayor-Cucapah ( <i>M<sub>w</sub></i> 7.2) earthquake: Early near-field postseismic deformation from InSAR and GPS observations. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 1482-1497.	1.4	66
20	A bound on the viscosity of the Tibetan crust from the horizontality of palaeolake shorelines. <i>Earth and Planetary Science Letters</i> , 2013, 375, 44-56.	1.8	44
21	GPS constraints on active deformation in the Isparta Angle region of SW Turkey. <i>Geophysical Journal International</i> , 2013, 195, 1455-1463.	1.0	37
22	Mapping inflation at Santorini volcano, Greece, using GPS and InSAR. <i>Geophysical Research Letters</i> , 2013, 40, 267-272.	1.5	44
23	Kinematics of the eastern Caucasus near Baku, Azerbaijan. <i>Natural Hazards</i> , 2012, 63, 997-1006.	1.6	48
24	Large extensional aftershocks in the continental forearc triggered by the 2010 Maule earthquake, Chile. <i>Geophysical Journal International</i> , 2012, 188, 879-890.	1.0	75
25	A new velocity field for Greece: Implications for the kinematics and dynamics of the Aegean. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	144
26	Eastern Mediterranean tectonics and tsunami hazard inferred from the AD 365 earthquake. <i>Nature Geoscience</i> , 2008, 1, 268-276.	5.4	225