

Chelsea Scott

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Semiautomatic Algorithm to Map Tectonic Faults and Measure Scarp Height from Topography Applied to the Volcanic Tablelands and the Hurricane Fault, Western US. <i>Lithosphere</i> , 2022, 2021, .	1.4	6
2	Statewide USGS 3DEP Lidar Topographic Differencing Applied to Indiana, USA. <i>Remote Sensing</i> , 2022, 14, 847.	4.0	6
3	High-Detail Fault Segmentation: Deep Insight into the Anatomy of the 1983 Borah Peak Earthquake Rupture Zone (Mw 6.9, Idaho, USA). <i>Lithosphere</i> , 2022, 2022, .	1.4	19
4	High-resolution surface faulting from the 1983 Idaho Lost River Fault Mw 6.9 earthquake and previous events. <i>Scientific Data</i> , 2021, 8, 68.	5.3	23
5	Measuring change at Earth's surface: On-demand vertical and three-dimensional topographic differencing implemented in OpenTopography. , 2021, 17, 1318-1332.		8
6	Surface materials and landforms as controls on InSAR permanent and transient responses to precipitation events in a hyperarid desert, Chile. <i>Remote Sensing of Environment</i> , 2020, 237, 111544.	11.0	23
7	Creep Along the Central San Andreas Fault From Surface Fractures, Topographic Differencing, and InSAR. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019762.	3.4	12
8	Distribution of Aseismic Deformation Along the Central San Andreas and Calaveras Faults From Differencing Repeat Airborne Lidar. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090628.	4.0	14
9	The 2016 M7 Kumamoto, Japan, Earthquake Slip Field Derived From a Joint Inversion of Differential Lidar Topography, Optical Correlation, and InSAR Surface Displacements. <i>Geophysical Research Letters</i> , 2019, 46, 6341-6351.	4.0	30
10	The 2016 Kumamoto, Japan, Earthquake: 3D Deformation Along the Fault and Within the Damage Zone Constrained From Differential Lidar Topography. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 6138-6155.	3.4	75
11	Structural data collection with mobile devices: Accuracy, redundancy, and best practices. <i>Journal of Structural Geology</i> , 2017, 102, 98-112.	2.3	59
12	Sensitivity of earthquake source inversions to atmospheric noise and corrections of InSAR data. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 4031-4044.	3.4	15
13	Coseismic extension from surface cracks reopened by the 2014 Pisagua, northern Chile, earthquake sequence. <i>Geology</i> , 2016, 44, 387-390.	4.4	12
14	Andean earthquakes triggered by the 2010 Maule, Chile (Mw 8.8) earthquake: Comparisons of geodetic, seismic and geologic constraints. <i>Journal of South American Earth Sciences</i> , 2014, 50, 27-39.	1.4	12