Microstructural evolution and rheology of quartz in a m

Tectonophysics
680, 129-139
DOI: 10.1016/j.tecto.2016.05.022

Citation Report

#	Article	IF	Citations
1	Ultramylonite generation via phase mixing in highâ€strain experiments. Journal of Geophysical Research: Solid Earth, 2017, 122, 1744-1759.	3.4	52
2	Deformation condition determination and strain analysis: Application of microstructural and microthermometry study of the Zamanabad Shear Zone (East of Iran). Geotectonics, 2017, 51, 319-330.	0.9	0
4	Grain damage, phase mixing and plate-boundary formation. Journal of Geodynamics, 2017, 108, 40-55.	1.6	36
5	Crystallographic control and texture inheritance during mylonitization of coarse grained quartz veins. Lithos, 2017, 290-291, 210-227.	1.4	33
6	The Rheological Evolution of Brittleâ€Ductile Transition Rocks During the Earthquake Cycle: Evidence for a Ductile Precursor to Pseudotachylyte in an Extensional Fault System, South Mountains, Arizona. Journal of Geophysical Research: Solid Earth, 2017, 122, 10,643.	3.4	8
7	Effects of secondary phases on crystallographic preferred orientations in mylonites. Geology, 2017, 45, 955-958.	4.4	14
8	Effects of secondary phases on crystallographic preferred orientations in mylonites. Geology, 2017, 45, 955-958.	4.4	6
9	The grain size(s) of Black Hills Quartzite deformed in the dislocation creep regime. Solid Earth, 2017, 8, 1071-1093.	2.8	19
11	Strain Localization Within a Syntectonic Intrusion in a Backâ€Arc Extensional Context: The Naxos Monzogranite (Greece). Tectonics, 2018, 37, 558-587.	2.8	13
12	TitaniQ deformed: Experimental deformation of out-of-equilibrium quartz porphyroclasts. Journal of Structural Geology, 2018, 116, 207-222.	2.3	19
13	Grain-size reduction of feldspar and flow of deformed granites within the Gaoligong shear zone, southwestern Yunnan, China. Science China Earth Sciences, 2019, 62, 1379-1398.	5.2	22
14	Deformation conditions during syn-convergent extension along the Cordillera Blanca shear zone, Peru. , 2019, 15, 1342-1367.		10
15	Using quartz fabric intensity parameters to delineate strain patterns across the Himalayan Main Central thrust. Journal of Structural Geology, 2020, 131, 103941.	2.3	10
16	A Middle Crustal Channel of Radial Anisotropy Beneath the Northeastern Basin and Range. Tectonics, 2020, 39, e2020TC006140.	2.8	5
17	The Anatomy and Origin of a Synconvergent Grenvillian-Age Metamorphic Core Complex, Chottanagpur Gneiss Complex, Eastern India. Lithosphere, 2020, 2020, .	1.4	14
18	The effects of quartz DauphinÃ© twinning on strain localization in a mid-crustal shear zone. Journal of Structural Geology, 2020, 134, 103980.	2.3	10
19	Deformation and structural evolution of mantle peridotites during exhumation on transform faults: A forced transition from ductile to brittle regime. Journal of Structural Geology, 2020, 133, 103981.	2.3	7
20	Lateral subhorizontal middle to lower crustal flow in response to continental collision: Evidence from the Diancang Shan complex along the Ailao Shan-Red River belt, Southeastern Tibetan Plateau. Journal of Structural Geology, 2021, 143, 104234.	2.3	9

#	Article	IF	Citations
21	Tectonics of the Isua Supracrustal Belt 2: Microstructures Reveal Distributed Strain in the Absence of Major Fault Structures. Tectonics, 2021, 40, e2020TC006514.	2.8	9
22	A refined approach for quantitative kinematic vorticity number estimation using microstructures. Journal of Structural Geology, 2021, 153, 104459.	2.3	5
23	Deformation mechanisms and characteristics of the meta-BIFs from an early Proterozoic shear system of the Southern Granulite Terrane (SGT), India. Journal of Structural Geology, 2022, 156, 104534.	2.3	1
24	Strain pattern and vorticity analysis in the transpressional Kamandan area within the Sanandaj-Sirjan Metamorphic Belt, Iran. Journal of Structural Geology, 2022, 158, 104595.	2.3	2
25	The petrologic and petrochronologic record of progressive vs polyphase deformation: Opening the analytical toolbox. Earth-Science Reviews, 2022, 234, 104235.	9.1	8
26	Characterization of the Wager shear zone, Nunavut, Canada: Insights from microstructures and geochronology. Canadian Journal of Earth Sciences, 2023, 60, 78-96.	1.3	0
27	Kinematics of the Tanbour Metamorphic Complex (SE Iran): Implications for Cenozoic Metamorphism and Deformation in the Northeastern Margin of the Afro-Arabian Plate. Geotectonics, 2023, 57, 213-229.	0.9	1
28	Early Paleozoic ductile deformation of the South China Block: the polyphase shear zones in the Eastern Jiangnan Belt. Journal of the Geological Society, 0, , .	2.1	0
29	Weighted Burgers Vector analysis of orientation fields from high-angular resolution electron backscatter diffraction. Ultramicroscopy, 2024, 257, 113893.	1.9	1
30	Prolonged evolution of syn-collisional progressive deformation of the Trans-North China Orogen: Structural and geochronological evidence from the Xiaoqinling region, central China. Gondwana Research, 2024, 129, 332-354.	6.0	0