

References

- Aben, F. M., Doan, M. L., Gratier, J. P., and Renard, F. : Coseismic damage generation and pulverization in fault zones: Insights from dynamic Split-Hopkinson pressure bar experiments, in: Fault zone dynamic processes: evolution of fault properties during seismic rupture, edited by: Thomas, M. Y., Mitchell, T. M., and Bhat, H. S., Geophysical Monograph, John Wiley & Sons, Inc., 2017.
- Ben-Zion, Y., and Shi, Z. : Dynamic rupture on a material interface with spontaneous generation of plastic strain in the bulk, *Earth Planet. Sci. Lett.*, 236, 486–496, doi:10.1016/j.epsl.2005.03.025, 2005.
- Bouchon, M., Bouin, M.-P., Karabulut, H., Toksoz, M. N., Dietrich, M. and Rosakis A. J. : How fast is rupture during an earthquake? New insights from the 1999 Turkey earth- quakes, *Geophys. Res. Lett.*, 28, 2723–2726, 2001.
- Bouchon, M. and Karabulut, H. : The aftershock signature of supershear earthquakes, *Science*, 320, 1323-1325, doi:10.1126/science.1155030, 2008.
- Bouchon, M. and Vallée, M. (2003), Observation of long supershear rupture during the magnitude 8.1 Kunlunshan earthquake, *Science*, 301(5634), 824–826, doi:10.1126/science.1086832, 2003.
- Brodsky, E. E. and Prejean, S. G. : New constraints on mechanisms of remotely triggered seismicity at Long Valley Caldera, *J. Geophys. Res.*, 110, B04302, doi:10.1029/2004JB003211, 2005..
- Chen, K., Kunz, M., Tamura, N., and Wenk, H.-R. : Evidence for high stress in quartz from the impact site of Vredefort, South Africa, *European Journal of Mineralogy*, v. 23, p. 169–178, doi:10.1127/0935-1221/2011/0023-2082, 2011.
- Chen, K., Kunz, M., Tamura, N., and Wenk, H.-R.: Residual stress preserved in quartz from the San Andreas Fault Observatory at Depth, *Geology*, 43, 219-222, 2015.
- Famin, V., Raimbourg, H., Garcia, S., Bellahsen, N., Hamada, Y., Boullier, A.-M., Michon, L., Revil, A., Uchide, T., Ricci, T., Hirono, T., and Kawabata, K.: Stress rotations and the long-term weakness of the Median Tectonic Line and the Rokko-Awaji segment, *Tectonics*, 33, 1900-1919, 10.1002/2014TC003600, 2014.
- Kunz, M., Chen, K., Tamura, N., and Wenk, H.-R.: Evidence for residual elastic strain in deformed natural quartz, *American Mineralogist*, 94, 1059-1062, 2009.
- Lockner, D. A., Tanaka, H., Ito, H., Ikeda, R., Omura, K., and Naka, H.: Geometry of the Nojima Fault at Nojima-Hirabayashi, Japan - I. A Simple Damage Structure Inferred from Borehole Core Permeability, *Pure and Applied Geophysics*, 166, 1649-1667, 2009.
- Rosakis, A. J., Xia, K., Lykotrafitis, G. and Kanalori, H. : Dynamic Shear Rupture in Frictional Interfaces: Speeds, Directionality, and Modes, In: *Treatise of Geophysics*, Elsevier, 153-192, 2007.
- Shi, Z., and Ben-Zion, Y. : Dynamic rupture on a bimaterial interface governed by slip-weakening friction, *Geophys. J. Int.*, 165, 469–484, doi:10.1111/j.1365-246X.2006.02853.x, 2006.
- Zhang, Q. B., and Zhao, J. : A review of dynamic experimental techniques and mechanical behaviour of rock materials, *Rock Mech. Rock Eng.*, doi:10.1007/s00603-013-0463-y, 2013.