

PUBBLICAZIONI SU RIVISTE ISI JOURNALS E PEER-REVIEWED

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- **Citazioni:** (xx) Scopus
- **h-index:** 22

- 1) Mittempergher, S., Dallai, L., **Pennacchioni, G.**, Renard, F., Di Toro, G., 2014. Origin of hydrous fluids at seismogenic depth: Constraints from natural and experimental fault rocks. *Earth and Planetary Science Letters* 385, 97-109, doi: 10.1016/j.epsl.2013.10.027
- 2) Mancktelow, N.S., **Pennacchioni, G.**, 2013. Late magmatic healed fractures in granitoids and their influence on subsequent solid-state deformation. *Journal of Structural Geology* 57, 81-96, doi: 10.1016/j.jsg.2013.09.006
- 3) Druguet, E., Passchier, C.W., **Pennacchioni, G.**, Carreras, J., 2013. Geoethical education: A critical issue for geoconservation. *Episodes* 36, 11-18.
- 4) **Pennacchioni, G.**, Mancktelow, N.S., 2013. Initiation and growth of strike-slip faults within intact metagranitoid (Neves area, Eastern Alps, Italy). *Geological Society of America Bulletin* 125, no. 9-10;1468-1483, doi: 10.1130/B30832.1
- 5) **Pennacchioni, G.**, Zucchi E., 2013. High-temperature fracturing and ductile deformation during cooling of a pluton: the Lake Edison granodiorite (Sierra Nevada batholith, California). *Journal of Structural Geology* 50, 54-81, doi:10.1016/j.jsg.2012.06.001. Citazioni: (2)
- 6) Pittarello, L., **Pennacchioni, G.**, Di Toro, G., 2012. Amphibolite-facies pseudotachylytes in Premosello metagabbros and felsic mylonites (Ivrea Zone, Italy). *Tectonophysics* 580, 43-57, doi: 10.1016/j.tecto.2012.08.001. Citazioni: (1)
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- 8) Bestmann, M., **Pennacchioni, G.**, Nielsen, S., Göken, M., de Wall, H., 2012. Deformation and ultrafine dynamic recrystallization of quartz in pseudotachylyte-bearing brittle faults: a matter of a few seconds. *Journal of Structural Geology* 38, 21-38, doi: 10.1016/j.jsg.2011.10.001. Citazioni: (4)
- 9) Malaspina, N., Scambelluri, M., **Pennacchioni, G.**, Spagnuolo, C., 2011. Fluid-induced ductility in the crustal Austroalpine system (Western Italian Alps): a petrologic and fluid inclusion analysis. *Italian Journal of Geosciences (Boll. Soc. Geol. It.)* 130, 61-74, doi: 10.3301/IJG.2010.24. Citazioni: (1)
- 10) Menegon, L., Piazzolo, S., **Pennacchioni, G.**, 2011. The effect of Dauphiné twinning on plastic strain in quartz. *Contribution to Mineralogy and Petrology* 161, 635-652, doi: 10.1007/s00410-010-0554-7. Citazioni: (10)
- 11) Bestmann, M., **Pennacchioni, G.**, Frank, G., Göken, M., de Wall, H., 2011. Pseudotachylyte in muscovite-bearing quartzite: coseismic friction-induced melting and plastic deformation of quartz. *Journal of Structural Geology* 33, 169-186, doi: 10.1016/j.jsg.2010.10.009. Citazioni: (6)
- 12) **Pennacchioni, G.**, Menegon, L., Leiss, B., Nestola, F., Bromiley, G., 2010. Development of crystallographic preferred orientation and microstructure during plastic deformation of natural coarse-grained quartz veins. *Journal of Geophysical Research* 115, B12405, 23 pp., doi:10.1029/2010JB007674. Citazioni: (11)
- 13) Mancktelow, N.S., **Pennacchioni, G.**, 2010. Correction to "Why calcite can be stronger than quartz". *Journal of Geophysical Research*, 115, B10410, doi:10.1029/2010JB007702. Citazioni: (1)
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- 16) Mittempergher, S., **Pennacchioni, G.**, Di Toro, G., 2009. The effects of fault orientation and fluid infiltration on fault rock assemblages at seismogenic depths. *Journal of Structural Geology* 31, 1511-1524, doi: 10.1016/j.jsg.2009.09.003. Citazioni: (6)
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- 18) Di Toro, G., **Pennacchioni, G.**, Nielsen, S., 2009. Pseudotachylytes and earthquake source mechanics. In Fukuyama E. (Ed.) *"Fault-zone Properties and Earthquake Rupture Dynamics"*, International Geophysics Series, Special Volume 94, 87-133. Elsevier.
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- 21) Menegon, L., **Pennacchioni, G.**, Spiess, R., 2008. Dissolution-precipitation creep of K-feldspar in mid-crustal granite mylonites. *Journal of Structural Geology* 30, 565-579. doi:10.1016/j.jsg.2008.02.001. Citazioni: (15)
- 22) Pittarello, L., Di Toro, G., Bizzarri, A., **Pennacchioni, G.**, Hadizadeh, J., Cocco, M., 2008. Energy partitioning during seismic slip in pseudotachylyte-bearing faults (Gole Larghe Fault, Adamello, Italy). *Earth and Planetary Science Letters* 269, 131-139. doi:10.1016/j.epsl.2008.01.052. Citazioni: (41)
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