

Geo-energy Scientific Publications						
Title, author(s), if applicable: publisher	Participating researcher from the SCCER	Institution, institute	Name and location of publishing company	Title of journal, volume, issue number	Page number	Year of publication
Preliminary assessment of the scaling relationships of in-situ stress orientation variations indicated by wellbore failure data, Valley B. and Evans, K. F., Taylor and Francis Group	Valley B. and Evans, K. F.	UniNe CHYN, -ETHZ Eng. Geology	Taylor and Francis Group	Rock Engineering and Rock Mechanics: Structures in and on Rock Masses. Proceeding the 2014 ISRM European rock mechanics symposium (EUROCK2014). Alejano, L. R., Peruchó, Á., Olalla, C., Juménez, R. (eds).		2014
Development of connected rock mass permeability through hydraulic fracture propagation and shearing accompanying fluid injection, Preisig, G., Eberhardt, E., Gischig, V., Roche, V., van der Baan, M., Valley, B., Kaiser, P.K., Duff, D. and Lowther, R.	Valley, B. and Evans, K. F.	UniNe CHYN, -ETHZ Eng. Geology		Geofluids, Special Issue: Crustal Permeability, In press.		2014
Identification of faults activated during the stimulation of the Basel geothermal project from cluster analysis and focal mechanisms of the larger magnitude events. Deichmann, N., Kraft, T., Evans, K.F.	Deichmann, N., Kraft, T., Evans, K.F.	ETHZ Eng. Geology and SED	Elsevier,	Geothermica	84-87	2014
Review of life cycle environmental effects of geothermal power generation, Bayer, P., Rybach, L., Blum, P., Brauchler, R.- Elsevier.	Bayer, P.	ETHZ Eng. Geology	Elsevier, Amsterdam	Renewable and Sustainable Energy Reviews, 26	446-463	2013
Fundamental investigations of supercritical water flows for hydrothermal spallation drilling, M. J. Schuler, ETH Zurich	M. J. Schuler, Ph. Rudolf von Rohr	ETHZ, IPE	ETH Zurich, Zurich	Diss ETH No 21803	1 - 243	2014
Simulating supercritical water jets with a variable turbulent Prandtl number, M. J. Schuler, T. Rothenfluh and Ph. Rudolf von Rohr	M. J. Schuler, Ph. Rudolf von Rohr	ETHZ, IPE	WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim, Germany	Journal of Chemical Engineering and Technology, 37	1-8	2014
Hydrothermal flame impingement experiments. Combustion chamber design and impingement temperature profiles, P. Stathopoulos, Th. Meier, Ph. Rudolf von Rohr.	Th. Meier, Ph. Rudolf von Rohr	ETHZ, IPE	Elsevier, Blacksburg, Virginia, USA	Journal of Supercritical Fluids, 89	48-57	2014
The quantification of low-probability - high-consequences events: part I. A generic multi-risk approach, A. Mignan, S. Wiemer, D. Giardini, Springer	Mignan, Arnaud; Giardini, Domenico	ETHZ	Springer, Germany	Natural Hazards, doi: 10.1007/s11069-014-1178-4	NA	2014
Spectral Content of Induced vs. Natural Seismicity, Catherine Whyte and Bozidar Stojadinovic	Bozidar Stojadinovic	ETHZ, IBK	EAGE, Istanbul, Turkey	Proceedings of the Second European Conference on Earthquake Engineering and Seismology, paper #1348	7	2014
"Seismic attenuation and velocity dispersion in fractured rocks: The role played by fracture contact areas". Rubino, J.G., Mueller, T.M., Milani, M. and Holliger, K.	Klaus Holliger, German Rubino, Marco Milani	UNIL	EAGE, Houton, The Netherlands	Geophysical Prospecting, in press	in press	2014
Seismic attenuation: Effects of interfacial impedance on wave-induced pressure diffusion", Qi, Q., Mueller, T.M. and Rubino, J.G.	German Rubino	UNIL	Royal Astronomical Society, London, UK	Geophysical Journal International, in press	in press	2014
Sensitivity of S-wave attenuation to the connectivity of fractures in fluid-saturated rocks", Quintal, B., J'anicke, R., Rubino, J.G., Holger, S. and Holliger, K.	Klaus Holliger, German Rubino, Beatriz Quintal	UNIL	Society of Exploration Geophysicists, Tulsa, Oklahoma, USA	Geophysics, in press	in press	2014
"Wave attenuation in partially saturated porous rocks - New observations and interpretations across the scales", Caspari, E., Qi, Q., Lopes, S., Lebedev, M., Gurevich, B., Rubino, J.G., Velis, D.R., Clennell M.B. and Mueller, T.M.	Eva Caspari, German Rubino	UNIL	Society of Exploration Geophysicists, Tulsa, Oklahoma, USA	The Leading Edge, 33	606-614	2014
"Seismoacoustic signatures of fracture connectivity", Rubino, J.G., Müller, T.M., Guarracino, L., Milani, M. and Holliger, K.	Klaus Holliger, German Rubino, Marco Milani	UNIL	American Geophysical Union, Washington, DC, USA	Journal of Geophysical Research, 119	2252-2271.	2014
Modeling enhanced geothermal systems and the essential nature of large-scale changes in permeability at the onset of slip, S.A. Miller, Geofluids, in press	Prof. S.A. Miller	UniNe CHYN		Geofluids	in press	2014
A physical model for geological CO2 storage - replacing misconceptions by visual explanation; Werner M., Sutter D., Krättili A., Lafci Ö., Mutschler R., Oehler P., Winkler J., Mazzotti M.	Mischa Werner, Marco Mazzotti	ETHZ, IPE	Elsevier	International Journal of Greenhouse Gas Control, 25	42-53	2014
Dissolution of dehydroxylated lizardite at flue gas conditions: I. Experimental study; Werner M., Sutter S., Zingaretti D., Baciocchi R., Mazzotti M.	Mischa Werner, Marco Mazzotti	ETHZ, IPE	Elsevier	Chemical Engineering Journal, 241	301-313	2014

Dissolution of dehydroxylated lizardite at flue gas conditions: II. Kinetic modeling; Hariharan S., Werner M., Hänchen M., Mazzotti M.	Mischa Werner, Marco Mazzotti	ETHZ, IPE	Elsevier	Chemical Engineering Journal, 241	314-326	2014
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