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|---|------------|--|-------------------------|
| SUPREHILL Critical Zone Observatory dataset - funded by Croatian Science Foundation (HRZZ)  |            | Filipović, Lana; Filipović, Vilim; Kovač, Zoran; Krevh, Vedran; Defterdarović, Jasmina   |                         |
| Estimation of soil water balance in arable hillslope using high-resolution field measurements and numerical simulations                                       |            | Krevh, Vedran  |                         |
| Effects of Biochar and Cattle Manure under Different Tillage Management on Soil Properties and Crop Growth in Croatia   |            | Bogunović, Igor; Dugan, Ivan; Pereira, Paulo; Filipović, Vilim; Filipović, Lana; Krevh, Vedran; Defterdarović, Jasmina; Matišić, Manuel; Kisić, Ivica  |                         |
| Soil-water dynamics investigation at agricultural hillslope with high-precision weighing lysimeters and soil-water collection systems                         |            | Krevh, Vedran; Groh, Jannis; Filipović, Lana; Gerke, Horst H.; Defterdarović, Jasmina; Thompson, Sally; Sraka, Mario; Bogunović, Igor; Kovač, Zoran; Robinson, Nathan; Baumgartl, Thomas; Filipović, Vilim |                         |
| Using dye and bromide tracers to identify preferential water flow in agricultural hillslope soil under controlled conditions                                  |            | Defterdarović, Jasmina; Krevh, Vedran; Filipović, Lana; Kovač, Zoran; Phogat, Vinod; He, Hailong; Baumgartl, Thomas; Filipović, Vilim  |                         |
| Investigating near-surface hydrologic connectivity in a grass-covered inter-row area of a hillslope vineyard using field monitoring and numerical simulations |            | Krevh, Vedran; Filipović, Lana; Defterdarović, Jasmina; Bogunović, Igor; Zhang, Yonggen; Kovač, Zoran; Barton, Andrew; Filipović, Vilim  |                         |
| Estimation of precipitation fraction in the soil water of the hillslope vineyard using stable isotopes of water   |            | Kovač, Zoran; Krevh, Vedran; Filipović, Lana; Defterdarović, Jasmina; Balaž, Borna-Ivan; Filipović, Vilim  |                         |
| Investigation of hillslope vineyard soil water dynamics using field measurements and numerical modeling   |            | Krevh, Vedran; Groh, Jannis; Weihermüller, Lutz; Filipović, Lana; Defterdarović, Jasmina; Kovač, Zoran; Magdić, Ivan; Lazarević, Boris; Baumgartl, Thomas; Filipović, Vilim                                |                         |

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| Leached copper correlation with dissolved organic carbon in sloped vineyard soil  | Filipović, Lana; Defterdarović, Jasmina; Chen, Rui; Krevh, Vedran; Gerke, Horst H.; Baumgartl, Thomas; Kovač, Zoran; Ondrašek, Gabrijel; Ružičić, Stanko; He, Hailong; Dusek, Jaromir; Filipović, Vilim   |  |
| Quantification of intra- vs. inter-row leaching of major plant nutrients in sloping vineyard soils  | Filipović, Lana; Krevh, Vedran; Chen, Rui; Defterdarović, Jasmina; Kovač, Zoran; Mustać, Ivan; Bogunović, Igor; He, Hailong; Baumgartl, Thomas; Gerke, Horst H.; Toor, Gurpal S.; Filipović, Vilim  |  |
| Long-term analysis of soil water regime and nitrate dynamics at agricultural experimental site: Field-scale monitoring and numerical modeling using HYDRUS-1D | Krevh, Vedran; Filipović, Lana; Petošić, Dragutin; Mustać, Ivan; Bogunović, Igor; Butorac, Jasminka; Kisić, Ivica; Defterdarović, Jasmina; Nakić, Zoran; Kovač, Zoran; Pereira, Paulo; He, Hailong; Chen, Rui; Toor, Gurpal S.; Versini, Antoine; Baumgartl, Thomas; Filipović, Vilim |  |
| Procjena pogodnosti dreniranog poljoprivrednog zemljišta istočne Hrvatske za potrebe navodnjavanja  | Mustać, Ivan; Petošić, Dragutin; Bakić Begić, Helena; Filipović, Vilim; Defterdarović, Jasmina; Krevh, Vedran; Filipović, Lana  |  |
| Značajke dinamike podzemnih voda na području Biđ-bosutskog polja  | Mustać, Ivan; Kutleša, Dora; Filipović, Vilim; Filipović, Lana; Krevh, Vedran; Defterdarović, Jasmina; Petošić, Dragutin  |  |
| Utilizing stable water isotopes ( $\delta^2\text{H}$ and $\delta^{18}\text{O}$ ) to study soil-water origin in a sloped vineyard: first results               | Kovač, Zoran; Krevh, Vedran; Filipović, Lana; Defterdarović, Jasmina; Buškulić, Patricia; Han, Luka; Filipović, Vilim   |  |
| Primjena bespilotnih letjelica u poljoprivredi  | Krevh, Vedran   |  |