

Olivier Deck

List of Publications by Year in descending order

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16
papers

228
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1163117

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docs citations

16
times ranked

204
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | An improved methodology for applying the influence function for subsidence hazard prediction. Georisk, 2022, 16, 347-359. | 3.5 | 4 |
| 2 | Using plane frame structural models to assess building damage at a large scale in a mining subsidence area. European Journal of Environmental and Civil Engineering, 2020, 24, 283-306. | 2.1 | 7 |
| 3 | Influence of geometrical uncertainties of analytical modelling on the evaluation of building deflections induced by ground movements. European Journal of Environmental and Civil Engineering, 2020, , 1-15. | 2.1 | 2 |
| 4 | Charts for the mining-induced deflection of buildings. Canadian Geotechnical Journal, 2020, 57, 2020-2026. | 2.8 | 4 |
| 5 | Simplified probabilistic evaluation of the variability of soil-structure interaction parameters on the elastic transmission of ground movements. Engineering Structures, 2020, 213, 110554. | 5.3 | 5 |
| 6 | Analytical model to predict building deflections induced by ground movements. European Journal of Environmental and Civil Engineering, 2019, 23, 409-431. | 2.1 | 21 |
| 7 | Étude de l'influence de la plasticité du sol sur la transmission des mouvements du sol affectant l'interaction sol-structure. Revue Française De Géotechnique, 2018, , 4. | 0.1 | 3 |
| 8 | Damage of masonry structures relative to their properties: Development of ground movement fragility curves. Engineering Structures, 2016, 113, 206-219. | 5.3 | 10 |
| 9 | On the topography influence on subsidence due to horizontal underground mining using the influence function method. Computers and Geotechnics, 2014, 61, 328-340. | 4.7 | 17 |
| 10 | Comparison of Building Damage Assessment Methods for Risk Analysis in Mining Subsidence Regions. Geotechnical and Geological Engineering, 2013, 31, 1073-1088. | 1.7 | 17 |
| 11 | An analytical model of soil-structure interaction with swelling soils during droughts. Computers and Geotechnics, 2013, 54, 16-32. | 4.7 | 19 |
| 12 | Estimation of ground settlement beneath foundations due to shrinkage of clayey soils. Canadian Geotechnical Journal, 2012, 49, 835-852. | 2.8 | 7 |
| 13 | Numerical study of the soil-structure interaction within mining subsidence areas. Computers and Geotechnics, 2010, 37, 802-816. | 4.7 | 18 |
| 14 | Development of building vulnerability functions in subsidence regions from empirical methods. Engineering Structures, 2009, 31, 2275-2286. | 5.3 | 49 |
| 15 | Taking the soil-structure interaction into account in assessing the loading of a structure in a mining subsidence area. Engineering Structures, 2003, 25, 435-448. | 5.3 | 36 |
| 16 | Adjusting the Influence Function Method for Subsidence Prediction. Key Engineering Materials, 0, 553, 59-66. | 0.4 | 9 |