

AndrÃ© BrÃ¼ch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4869894/publications.pdf>

Version: 2024-02-01

9
papers

44
citations

1937685

4
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

22
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Two-dimensional finite element analysis of gravitational and lateral-driven deformation in sedimentary basins. International Journal for Numerical and Analytical Methods in Geomechanics, 2014, 38, 725-746. | 3.3 | 12 |
| 2 | Impact of tectonic shortening on fluid overpressure in petroleum system modelling: Insights from the Neuquén basin, Argentina. Marine and Petroleum Geology, 2021, 127, 104933. | 3.3 | 10 |
| 3 | A thermo-poro-mechanical constitutive and numerical model for deformation in sedimentary basins. Journal of Petroleum Science and Engineering, 2018, 160, 313-326. | 4.2 | 8 |
| 4 | A constitutive model for mechanical and chemo-mechanical compaction in sedimentary basins and finite element analysis. International Journal for Numerical and Analytical Methods in Geomechanics, 2016, 40, 2238-2270. | 3.3 | 7 |
| 5 | Overpressure development in sedimentary basins induced by chemo-mechanical compaction of sandstones. Marine and Petroleum Geology, 2019, 104, 217-230. | 3.3 | 4 |
| 6 | Coupling 3D geomechanics to classical sedimentary basin modeling: From gravitational compaction to tectonics. Geomechanics for Energy and the Environment, 2021, 28, 100259. | 2.5 | 2 |
| 7 | Formulation of reference solutions for compaction process in sedimentary basins. International Journal for Numerical and Analytical Methods in Geomechanics, 2020, 44, 2135-2166. | 3.3 | 1 |
| 8 | Finite strain elastoplastic solutions for mechanical compaction in sedimentary basins. Anais Do ... Congresso Ibero-Latino-Americano De Métodos Computacionais Em Engenharia, 0, , . | 0.0 | 0 |
| 9 | Coupled poro-mechanical tangent formulation applied to sedimentary basin modeling. International Journal for Numerical and Analytical Methods in Geomechanics, 2022, 46, 221-246. | 3.3 | 0 |