


Paulo José Rocha de Albuquerque

 <https://orcid.org/0000-0003-0726-7165>

Keywords

Foundations, In-situ test, Load Tests, Instrumentation

Other IDs

Scopus Author ID: 6603919610 (<http://www.scopus.com/inward/authorDetails.url?authorID=6603919610&partnerID=MN8TOARS>)

Employment (1)

Universidade Estadual de Campinas: Campinas, SP, BR

2001-07-20 to present | Professor Associado (Geotecnia e Transportes)

Employment

Source: Paulo José Rocha de Albuquerque

Education and qualifications (4)

Universitat Politècnica de Catalunya: Barcelona, Catalunya, ES

2010-07-01 to 2010-10-01 | Pós-Doc (Carreiras)

Education

Source: Paulo José Rocha de Albuquerque

Universidade de Sao Paulo Campus da Capital: Sao Paulo, SP, BR

1997-03-01 to 2001-03-10 | Doctor (Estruturas e Fundações)

Education

Source: Paulo José Rocha de Albuquerque

Universidade Estadual de Campinas: Campinas, SP, BR

1994-03-01 to 1996-10-08 | Master Science (Construções Rurais)

Education

Source: Paulo José Rocha de Albuquerque

Universidade Estadual de Campinas: Campinas, SP, BR

1988-03-01 to 1993-08-01 | Engenharia Civil (Geotecnia e Transportes)

Education

Source: Paulo José Rocha de Albuquerque

Invited positions and distinctions (1)

Brazilian Society of Soil Mechanics and Geotechnical Eng: Sao Paulo, Sao Paulo, BR

2017-01-01 to 2020-12-31 | President (Sao Paulo Region)

Invited position

Source: Paulo José Rocha de Albuquerque

Membership and service (1)

Brazilian Society of Soil Mechanics and Geotechnical Eng.: Sao Paulo, Sao Paulo, BR

2015-06-01 to present | Representative member

Membership

Source: Paulo José Rocha de Albuquerque

Works (24 of 24)

A Laboratory Investigation on a Mechanical Behavior of Sandy and Clayey Soils with Kraft Paper Fiber

Transportation Infrastructure Geotechnology

2020-06-24 | journal-article

DOI: 10.1007/s40515-020-00116-9

Source:Crossref

Experimental and numerical analyses of a deep foundation containing a single defective pile

Latin American Journal of Solids and Structures

2020 | journal-article

DOI: 10.1590/1679-78255827

Source:Crossref

Comparison of Test Pile Profiles with Simulated Low-Strain Integrity Test Data

2019-07-01 | book-chapter

DOI: 10.1520/STP161120170156

Source:Crossref

Analysis of the contribution of the block-soil contact in piled foundations

Latin American Journal of Solids and Structures

2019 | journal-article

DOI: 10.1590/1679-78255565

Source:Crossref

Influence of relative stiffness on the behavior of piled raft foundations

Acta Scientiarum. Technology

2018-07-01 | journal-article

DOI: 10.4025/actascitechnol.v40i1.35209

Source:Crossref

Model of nonlinear behavior applied to prediction of settlement in deep foundations

DYNA

2018-04-01 | journal-article

DOI: 10.15446/dyna.v85n205.68523

Source:Crossref

Contribuição à análise da capacidade de suporte em apoios de túneis escavados em solo

Ciência & Engenharia

2017-09-08 | journal-article

DOI: 10.14393/19834071.2017.37706

Source:Crossref

Effect of Second Loading on the Instrumented Continuous Flight Auger Concrete Pile on Porous Soil

Key Engineering Materials

2017-08 | journal-article

DOI: 10.4028/www.scientific.net/KEM.753.285

Source:Crossref

The behavior of a foundation transversally loaded at the top over highly porous and collapsible soil

DYNA

2016-10-01 | journal-article

DOI: 10.15446/dyna.v83n199.52529

Source:Crossref

Advance of foundation techniques in Brazil since colonial times | Progreso de técnicas de cimentación en Brasil desde el tiempo colonial

DYNA (Colombia)

2014 | journal-article

EID: 2-s2.0-84894593849

Source:Paulo José Rocha de AlbuquerqueviaScopus - Elsevier

Behavior of instrumented omega pile in porous soil

Advanced Materials Research

2014 | book

DOI: 10.4028/www.scientific.net/AMR.1030-1032.732

EID: 2-s2.0-84913570708

Source:Paulo José Rocha de AlbuquerqueviaScopus - Elsevier

Comparison of numerical methods for piled raft foundations

Advanced Materials Research

2014 | book

DOI: 10.4028/www.scientific.net/AMR.838-841.334

EID: 2-s2.0-84891539608

Source:Paulo José Rocha de AlbuquerqueviaScopus - Elsevier

The influence of cement content and water to cement ratio on capillary absorption of root-pile mortars

Soils and Rocks

2014 | journal-article

EID: 2-s2.0-84961341309

Source:Paulo José Rocha de AlbuquerqueviaScopus - Elsevier

Use of numerical modeling to assess instrumented root piles subjected to axial compression

Electronic Journal of Geotechnical Engineering

2014 | journal-article

EID: 2-s2.0-84901649584

Source:Paulo José Rocha de AlbuquerqueviaScopus - Elsevier

Determination of pile capacity of instrumented pre-cast concrete piles in an unsaturated Brazilian soil using CPT and SPT-T tests

Geotechnical and Geophysical Site Characterization 4 - Proceedings of the 4th International Conference on Site Characterization 4, ISC-4

2013 | conference-paper

EID: 2-s2.0-84866949736

Source:Paulo José Rocha de AlbuquerqueviaScopus - Elsevier

Experimental and numerical analysis of foundation pilings partially embedded in rock | Análise experimental e numérica de estacas-raiz parcialmente embutidas em rocha

Revista Escola de Minas

2013 | journal-article

DOI: 10.1590/S0370-44672013000400006

EID: 2-s2.0-84892406845

Source:Paulo José Rocha de AlbuquerqueviaScopus - Elsevier

Vertical-facing loads in steel-reinforced soil walls

Journal of Geotechnical and Geoenvironmental Engineering

2013 | journal-article

DOI: 10.1061/(ASCE)GT.1943-5606.0000874

EID: 2-s2.0-84883366817

Source:Paulo José Rocha de AlbuquerqueviaScopus - Elsevier

Effects of the construction method on pile performance: Evaluation by instrumentation. part 1: Experimental site at the State University of Campinas

Soils and Rocks

2011 | journal-article

EID: 2-s2.0-84856999780

Source:Paulo José Rocha de AlbuquerqueviaScopus - Elsevier

Effects of the construction method on pile performance: Evaluation by instrumentation. part 2: Experimental site at the faculty of engineering of the University of Porto

Soils and Rocks

2011 | journal-article

EID: 2-s2.0-84857006268

Source:Paulo José Rocha de AlbuquerqueviaScopus - Elsevier

Behavior of continuous flight auger piles subjected to uplift load tests in unsaturated diabasic soil

Deep Foundations on Bored and Auger Piles - Proceedings of the 5th International Symposium on Deep Foundations on Bored and Auger Piles, BAP 5

2009 | conference-paper

EID: 2-s2.0-79952288233

Source:Paulo José Rocha de AlbuquerqueviaScopus - Elsevier

**Bored, continuous flight auger and omega instrumented piles:
Behavior under compression**

*Proceedings of the 16th International Conference on Soil Mechanics
and Geotechnical Engineering: Geotechnology in Harmony with the
Global Environment*

2005 | conference-paper

EID: 2-s2.0-84868591279

Source:Paulo José Rocha de Albuquerque *via* Scopus - Elsevier

**Lateral load test in precast-concrete piles driven in a high porosity
sand soil | Provas de carga horizontais em estacas pré-moldadas
de concreto cravadas em solo de alta porosidade**

Ciencia y Engenharia/ Science and Engineering Journal

2005 | journal-article

EID: 2-s2.0-33947521242

Source:Paulo José Rocha de Albuquerque *via* Scopus - Elsevier

**Utilization of SPT-T, CPT and DMT tests to predict the ultimate
bearing capacity of precast concrete pile in Brazilian unsaturated
residual soil**

*Proceedings of Sessions of Geo-Denver 2000 - Advances in
Unsaturated Geotechnics, GSP 99*

2000 | conference-paper

DOI: 10.1061/40510(287)3

EID: 2-s2.0-2342496893

Source:Paulo José Rocha de Albuquerque *via* Scopus - Elsevier

**Utilization of SPT-T, CPT and DMT tests to predict the ultimate
bearing capacity of precast concrete pile in Brazilian unsaturated
residual soil**

Geotechnical Special Publication

2000 | conference-paper

EID: 2-s2.0-0033685365

Source:Paulo José Rocha de Albuquerque *via* Scopus - Elsevier

Peer review (1)

- review activity for **Arabian journal of geosciences. (1)**

Record last modified Jun 24, 2020 10:28:23 AM