

PROCEDURA SELETTIVA DI CHIAMATA PER N. 1 POSTO DI RICERCATORE A TEMPO DETERMINATO DI TIPOLOGIA B PER IL SETTORE CONCORSUALE 08/B2 - SETTORE SCIENTIFICO-DISCIPLINARE ICAR/08 - PRESSO IL DIPARTIMENTO DI INGEGNERIA STRUTTURALE E GEOTECNICA DELL'UNIVERSITÀ DEGLI STUDI DI ROMA "LA SAPIENZA" BANDITA CON D.R. n. 3615/2019 DEL 22/11/2019

**ALLEGATO B10 ALL'ALLEGATO B DEL VERBALE 2 BIS -
elenco pubblicazioni presentate LOFRANO EGIDIO**

- 1) **Lofrano, E.**, Paolone, A., Ruta, G.
Stability of non-trivial equilibrium paths of beams on a partially visco-elastic foundation
(2012) *Acta Mechanica*, 223 (10), pp. 2183-2195. Cited 12 times.
Scopus id: 2-s2.0-84867234460
IF: 1.247 (2012), 2.166 (2018)
- 2) **Lofrano, E.**, Paolone, A., Ruta, G.
A numerical approach for the stability analysis of open thin-walled beams
(2013) *Mechanics Research Communications*, 48, pp. 76-86. Cited 20 times.
Scopus id: 2-s2.0-84873816270
IF: 1.495 (2013), 2.229 (2018)
- 3) Brunetti, M., **Lofrano, E.**, Paolone, A., Ruta, G.
Warping and Ljapounov stability of non-trivial equilibria of non-symmetric open thin-walled beams
(2015) *Thin-Walled Structures*, 86, pp. 73-82. Cited 8 times.
Scopus id: 2-s2.0-84908375043
IF: 2.063 (2015), 3.488 (2018)
- 4) **Lofrano, E.**, Paolone, A., Vasta, M.
Dynamic identification of classically damped uncertain structures
(2016) *Conference Proceedings of the Society for Experimental Mechanics Series*, 3, pp. 131-142. Cited 1 time.
Scopus id: 2-s2.0-84978700522
IF: Not Available
- 5) **Lofrano, E.**, Paolone, A., Vasta, M.
Identification of uncertain vibrating beams through a perturbation approach
(2016) *ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering*, 2 (2), art. no. C4015006, 12pp. Cited 2 times.
Scopus id: 2-s2.0-85045334734
IF: Not Available
- 6) **Lofrano, E.**, Paolone, A., Vasta, M.
A perturbation approach for the identification of uncertain structures
(2016) *International Journal of Dynamics and Control*, 4 (2), pp. 204-212. Cited 3 times.
Scopus id: 2-s2.0-84969753176
IF: Not Available
- 7) Piana, G., **Lofrano, E.**, Carpinteri, A., Paolone, A., Ruta, G.
Experimental modal analysis of straight and curved slender beams by piezoelectric transducers
(2016) *Meccanica*, 51 (11), pp. 2797-2811. Cited 8 times.
Scopus id: 2-s2.0-84978630424
IF: 2.196 (2016), 2.316 (2018)
- 8) Piana, G., **Lofrano, E.**, Manuello, A., Ruta, G.
Natural frequencies and buckling of compressed non-symmetric thin-walled beams
(2017) *Thin-Walled Structures*, 111, pp. 189-196. Cited 8 times.
Scopus id: 2-s2.0-85000936547
IF: 2.881 (2017), 3.488 (2018)
- 9) Piana, G., **Lofrano, E.**, Manuello, A., Ruta, G., Carpinteri, A.
Compressive buckling for symmetric TWB with non-zero warping stiffness
(2017) *Engineering Structures*, 135, pp. 246-258. Cited 9 times.
Scopus id: 2-s2.0-85009485733
IF: 2.755 (2017), 3.084 (2018)

10) Gattulli, V., **Lofrano, E.**, Paolone, A., Pirolli, G.
Performances of FRP reinforcements on masonry buildings evaluated by fragility curves
(2017) Computers and Structures, 190, pp. 150-161. Cited 6 times.
Scopus id: 2-s2.0-85020539328
IF: 2.887 (2017), 3.354 (2018)

11) **Lofrano, E.**, Romeo, F., Paolone, A.
A pseudo-modal structural damage index based on orthogonal empirical mode decomposition
(2019) Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, online first. Cited 0 times.
Scopus id: 2-s2.0-85075145157
IF: 1.359 (2019), 1.359 (2018)

12) Gattulli, V., **Lofrano, E.**, Paolone, A., Potenza, F.
Measured properties of structural damping in railway bridges
(2019) Journal of Civil Structural Health Monitoring, 9 (5), pp. 639-653. Cited 0 times.
Scopus id: 2-s2.0-85074526610
IF: Not Available

Si allega una stampa della banca dati www.scopus.com (accesso effettuato il 12 gennaio 2020) dalla quale è possibile verificare la veridicità delle informazioni in tabella; gli IF sono quelli riportati nella banca dati jcr.clarivate.com (accesso effettuato il 12 gennaio 2020).

Roma, 12 gennaio 2020
Autorizzo al trattamento dei dati personali ai sensi di:
D.Lgs. 196/2003, G.D.P.R. 679/2016, D.Lgs. 101/2018.

Documents

- 1) Lofrano, E., Paolone, A., Ruta, G.
Stability of non-trivial equilibrium paths of beams on a partially visco-elastic foundation
(2012) *Acta Mechanica*, 223 (10), pp. 2183-2195.

Document Type: Article
Source: Scopus
- 2) Lofrano, E., Paolone, A., Ruta, G.
A numerical approach for the stability analysis of open thin-walled beams
(2013) *Mechanics Research Communications*, 48, pp. 76-86.

Document Type: Article
Source: Scopus
- 3) Brunetti, M., Lofrano, E., Paolone, A., Ruta, G.
Warping and Ljapunov stability of non-trivial equilibria of non-symmetric open thin-walled beams
(2015) *Thin-Walled Structures*, 86, pp. 73-82.

Document Type: Article
Source: Scopus
- 4) Lofrano, E., Paolone, A., Vasta, M.
Dynamic identification of classically damped uncertain structures
(2016) *Conference Proceedings of the Society for Experimental Mechanics Series*, 3, pp. 131-142.

Document Type: Conference Paper
Source: Scopus
- 5) Lofrano, E., Paolone, A., Vasta, M.
Identification of uncertain vibrating beams through a perturbation approach
(2016) *ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering*, 2 (2), art. no. C4015006, .

Document Type: Article
Source: Scopus
- 6) Lofrano, E., Paolone, A., Vasta, M.
A perturbation approach for the identification of uncertain structures
(2016) *International Journal of Dynamics and Control*, 4 (2), pp. 204-212.

Document Type: Article
Source: Scopus
- 7) Piana, G., Lofrano, E., Carpinteri, A., Paolone, A., Ruta, G.
Experimental modal analysis of straight and curved slender beams by piezoelectric transducers
(2016) *Meccanica*, 51 (11), pp. 2797-2811.

Document Type: Article
Source: Scopus
- 8) Piana, G., Lofrano, E., Manuello, A., Ruta, G.
Natural frequencies and buckling of compressed non-symmetric thin-walled beams
(2017) *Thin-Walled Structures*, 111, pp. 189-196.

Document Type: Article
Source: Scopus

- 9) Piana, G., Lofrano, E., Manuello, A., Ruta, G., Carpinteri, A.
Compressive buckling for symmetric TWB with non-zero warping stiffness
(2017) *Engineering Structures*, 135, pp. 246-258.

Document Type: Article
Source: Scopus

- 10) Gattulli, V., Lofrano, E., Paolone, A., Pirolli, G.
Performances of FRP reinforcements on masonry buildings evaluated by fragility curves
(2017) *Computers and Structures*, 190, pp. 150-161.

Document Type: Article
Source: Scopus

- 11) Lofrano, E., Romeo, F., Paolone, A.
A pseudo-modal structural damage index based on orthogonal empirical mode decomposition
(2019) *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, .

Document Type: Article
Source: Scopus

- 12) Gattulli, V., Lofrano, E., Paolone, A., Potenza, F.
Measured properties of structural damping in railway bridges
(2019) *Journal of Civil Structural Health Monitoring*, 9 (5), pp. 639-653.

Document Type: Article
Source: Scopus